P0100 RCO 2181

Duke Energy Corporation
526 South Church St.
Charlotte, NC 28202

Mailing Address:
PO Box 1006
Charlotte, NC 28201-1006

September 19, 2006

Mr. Ethan Brown
State of North Carolina
Department of Environment and Natural Resources
Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Subject: Duke Power Company – McGuire Nuclear Station
Unlined Solid Waste Landfill (Permit # 60-04)
Semi-Annual Groundwater Monitoring Report

Dear Mr. Brown:

Please find attached the groundwater monitoring report for the McGuire Nuclear Station unlined solid waste landfill (Permit #60-04). The landfill was sampled on July 24-26, 2006.

In general, groundwater chemistry was similar to previously reported results. All parameters, except for pH (MW-1: 6.3 SU, MW-1D: 6.4 SU, MW-3: 6.3 SU, MW-4: 5.7 SU, MW-4D: 6.3 SU, MW-11: 5.1 SU, MW-11D: 5.8 SU, MW-12: 5.6 SU), were within the limits of the groundwater standards.

The values for pH have historically been below the groundwater standard of 6.5 pH units. The low pH is attributed to soil characteristics surrounding the landfill.

All detected organic compounds were below the 2L groundwater standards.

Radiological results are also attached.

All values reported on the attached reports are dependent on the accuracy of approved analytical methods used to measure parameters.

Also included with this report is a copy of the chain of custody sheets and groundwater contour map. The next sampling event for this landfill is scheduled for January 2007. Should you have questions regarding this report, please contact me at (704) 382-4309.

Sincerely,

Allen Stowe

Allen Stowe
Environmental Support

Attachments

xc: Mr. Robert Cheek – NC DENR Ground Water Section
Mr. Joe Hack – Mecklenburg County Solid Waste Department
Mr. Dale Dusenbury – NC DENR Radiation Protection

JUL 24/25

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

Duke Energy

For Detailed Instructions, see: http://dewww/essenv/coc/

Duke Energy Analytical Lab Services
Mail Code MGO3A2 (Building 7405)
13339 Hagers Ferry Rd
Huntersville, N. C. 28078
(704) 875-5245
Fax: (704) 875-5038

Analytical Laboratory Use Only

LIMS #	06-JUL-0200
Sample Class	GWTRS
Samples Originating From	NC √ SC ___
Logged By	Val
Date & Time	7/11/06 1609
VENDOR	PRISM
Cooler Temp (C)	10, 30
PO #	MI2625
MR #	

SAMPLE PROGRAM: Groundwater √ NPDES ___ Drinking Water ___ UST ___ RCRA Waste ___

[19]Page 1 of 2
DISTRIBUTION
ORIGINAL to LAB, COPY to CLIENT

Customer must Complete

1)Project Name: MNS LANDFILL 1		2)Phone No: 875-5257
3)Client: C. Campbell / T. Hunsucker		4)Fax No:875-5032
5)Business Unit: 20036	6)Process: BLDFLGN	7)Resp. To: MC00
8)Project ID:	9)Activity ID:	10)Mail Code: MGO3A3

[15]Preserv.: 1=HCl 2=H_2SO_4 3=HNO_3 4=Ice 5=None

Customer to complete all appropriate NON-SHADED areas.

[16]Analyses Required

LAB USE ONLY [11]Lab ID	[12]Chem Desktop No.	[13]Sample Description or ID	[14]Collection Information Date	Time	Signature	[17]Comp.	[18]Grab	VOC - 8260B (1,4)	ALK, SO4, Cl (4)		GeLi, Gross A & B (3)	Tritium (5)	Hg (3)	METAL - (Ag, As, Ba, Ca, Cd, Cr, K, Mg, Na, Pb, Se) (3)				Chlorine (ppm)	[20]Total # of Containers
26022410		TRIP BLANK	7/24/06	0620	LD Cell		X	3		-								n/a	3
26022411		MW-1	7/24/06	0900	LD Cell		X	3	1		1	1	1	1				Ø	8
26022412		MW-1D	7/24/06	0950	LD Cell		X	3	1		1	1	1	1				Ø	8
26022413		MW-2A	7/24/06	1345	LD Cell		X	3	1		1	1	1	1				Ø	8
26022414		MW-2D	7/24/06	1510	LD Cell		X	3	1		1	1	1	1				Ø	8
26022415		MW-3	7/24/06	1010	Ron Wolf		X	3	1		1	1	1	1				Ø	8
26022416		MW-3D	7/24/06	1045	Ron Wolf		X	3	1		1	1	1	1				Ø	8
26022417	156784	MW-4	7/26/06	0855	LD Cell		X	3	1		1	1	1	1				Ø	8
26022418	156785	MW-4D	7/26/06	0955	LD Cell		X	3	1		1	1	1	1				Ø	8
26022419		MW-11	7/25/06	0845	LD Cell		X	3	1		1	1	1	1				Ø	8
26022420		MW-11D	7/25/06	1030	LD Cell		X	3	1		1	1	1	1				Ø	8
26022421		MW-12	7/24/06	1345	Ron Wolf		X	3	1		1	1	1	1				Ø	8
26022422		MW-12D	7/24/06	1440	Ron Wolf		X	3	1		1	1	1	1				Ø	8
26022424		SW-1	7/24/06	1040	LD Cell		X	3	1		1	1	1	1				Ø	8
26022426		FIELD BLANK	7/25/06	1100	LD Cell		X	3	1				1	1				n/a	6

Customer to complete appropriate columns to right

Customer to sign & date below

21)Relinquished By: Ron Wolf	Date/Time: 7/25/06 0540	Accepted By: EB Calder	Date/Time: 7/25/06 7:30
Relinquished By: LD Cell	Date/Time: 7/25/06 1240	Accepted By: EB Calder	Date/Time: 7/25/06 1240
Relinquished By: LD Cell	Date/Time: 7/26/06 1100	Accepted By: EB Calder	Date/Time: 7-26-06 11:00
23)Seal/Locked By: EB Calder	Date/Time: 7-26-06 11:45	Sealed/Lock Opened By: Jeff Borland	Date/Time: 7/26/06 @ 1613

Customer, important please indicate desired turnaround

[22]Requested Turnaround
14 Days √
*7 Days ___
* 48 Hr ___

G0706627 temp 3.6°

Adobe Compiled Document
Page 96 of 108

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

Duke Energy

For Detailed Instructions, see: http://dewww/essenv/coc/

Duke Energy Analytical Lab Services
Mail Code MGO3A2 (Building 7405)
13339 Hagers Ferry Rd
Huntersville, N. C. 28078
(704) 875-5245
Fax: (704) 875-5038

Analytical Laboratory Use Only

LIMS #	Sample Class	Samples Originating From	
06-JUL-0200	GWTRS	NC	✓
		SC	

Logged By	Date & Time
EBC	7-25-06 12:45

VENDOR	Cooler Temp (C)
PRISM	3°

PO #	[15]Preserv.: 1=HCl 2=H_2SO_4 3=HNO$_3$ 4=Ice 5=None
MI 2625	1, 4

MR #

SAMPLE PROGRAM: Groundwater ✓ NPDES ___ Drinking Water ___ UST ___ RCRA Waste ___

[16]Page 2 of 2

DISTRIBUTION: ORIGINAL to LAB, COPY to CLIENT

Customer must Complete

1)Project Name	2)Phone No: 875-5257
MNS LANDFILL 1	
3)Client C. Campbell / T. Hunsucker	4)Fax No:875-5032
5)Business Unit: 20036	6)Process: BLDFLGN / 7)Resp. To: MC00
8)Project ID:	9)Activity ID: / 10)Mail Code: MGO3A3

Customer to complete all appropriate NON-SHADED areas.

Customer to complete appropriate columns to right

LAB USE ONLY [11]Lab ID	[12]Chem Desktop No.	[13]Sample Description or ID	[14]Collection Information Date	Time	Signature	[17]Comp.	[18]Grab	VOC - 8260B										Chlorine (ppm)	[20]Total # of Containers
26034170	156786	FIELD BLANK	7/26/06	1020	[illegible]		X	3										n/a	3

[19]Analyses Required

Customer to sign & date below

21)Relinquished By [illegible]	Date/Time 7/26/06 1100	Accepted By [illegible]	Date/Time 7-26-06 11:00
Relinquished By [illegible]	Date/Time 7-26-06 14:45	Accepted By [illegible]	Date/Time 7/26/06 1445
Relinquished By [illegible]	Date/Time 7/26/06 1530	Accepted By	Date/Time
23)Seal/Locked By	Date/Time	Sealed/Lock Opened By Jeff Borland	Date/Time 7/26/06 16:13

24)Comments

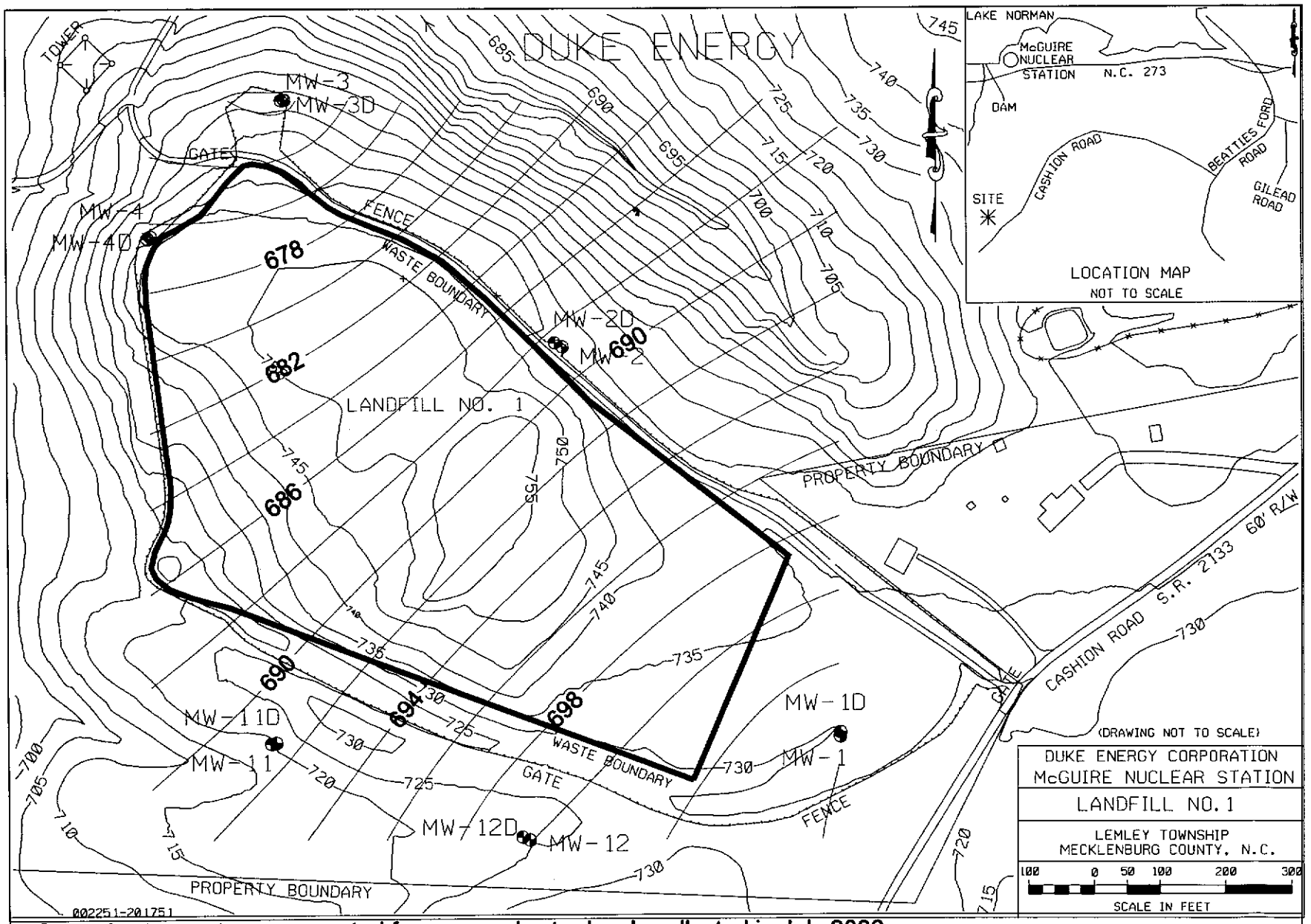
NOTE: DO NOT VENDOR THIS ANALYSIS

G0706627

Customer, important please indicate desired turnaround

[22]Requested Turnaround
- 14 Days ✓
- *7 Days
- * 48 Hr
- *Other
- * Add. Cost Will Apply

Adobe Compiled Document



Groundwater contours generated from groundwater levels collected in July 2006.
MW-1 - MW-3 gradient = 0.0255 ft/ft, MW-1 - MW-4 gradient = 0.0213 ft/ft

DUKE ENERGY
GROUNDWATER MONITORING REPORT

September 11, 2006
Table 1

Facility: McGuire Nuclear Station Solid Waste Landfill No.1 - Permit No. 60-04
Sample Date: July 24 - 26, 2006 (Field and Geochemistry Data)

Certificate Codes:

Duke Power Lab # 248
Duke Power Field # 5193
Prism Lab # 2402

Parameter	Units	Certificate Code	Monitoring Well Identification												Surface Water	FIELD BLANK	15A NCAC 2L MCL*
			MW-1	MW-1D	MW-2A	MW-2D	MW-3	MW-3D	MW-4	MW-4D	MW-11	MW-11D	MW-12	MW-12D			
Field pH	Std. Units	5193	6.3	6.4	6.8	7.0	6.3	6.6	5.7	6.3	5.1	5.8	5.6	6.8	7.2		**6.5-8.5**
Field Spec. Cond.	umho/cm	5193	63	54	50	58	73	87	159	89	16	35	21	117	121		
Temperature	C	5193	17	16	18	18	16	16	18	17	17	16	18	18	21		
Top Casing	msl-feet		730.29	730.67	740.25	740.79	729.04	728.43	741.24	740.69	722.62	723.16	724.83	724.80			
Depth to Water	feet		26.35	27.20	51.31	53.17	57.63	57.15	64.86	66.17	31.43	31.78	24.89	25.95			
Water Elevation	msl-feet		703.94	703.47	688.94	687.62	671.41	671.28	676.38	674.52	691.19	691.38	699.94	698.85			
Well Depth	feet		69.00	88.60	78.00	110.10	71.00	88.88	73.95	101.48	38.54	101.80	29.59	68.56			
Arsenic	mg/l	248	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	**0.050**
Barium	mg/l	248	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	< 0.0050	**2.0**
Cadmium	mg/l	248	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	**0.00175**
Chromium	mg/l	248	< 0.0010	< 0.0010	[redacted]	[redacted]	[redacted]	[redacted]	< 0.0010	[redacted]	[redacted]	[redacted]	< 0.0010	< 0.0010	< 0.0010	< 0.0010	**0.050**
Lead	mg/l	248	< 0.0020	< 0.0020	< 0.0020	< 0.0020	[redacted]	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	**0.015**
Mercury	mg/l	248	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	**0.00105**
Selenium	mg/l	248	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	**0.050**
Silver	mg/l	248	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	**0.0175**
Sulfate	mg/l	248	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	< 0.10	[redacted]	[redacted]	< 0.10	**250**
**VOC's	ug/l	2402	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	
benzene	ug/l	2402	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	**1.0**
cis-1,2-dichloroethene	ug/l	2402	< RL	< RL	< RL	< RL	< RL	< RL	4.0	< RL	< RL	< RL	< RL	< RL	< RL	< RL	**70**
methylene chloride	ug/l	2402	< RL	< RL	< RL	< RL	< RL	< RL	2.3	< RL	< RL	< RL	< RL	< RL	< RL	3.0	**4.6**
toluene	ug/l	2402	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	**1000**
trichloroethene	ug/l	2402	< RL	< RL	< RL	< RL	< RL	< RL	2.7	< RL	< RL	< RL	< RL	< RL	< RL	< RL	**2.8**

*** Maximum Contaminant Level (MCL)**
**** All EPA method 8260 compounds not specifically listed were less than laboratory reporting limits.**

Digitally signed by Timothy S. Hunsucker
DN: CN = Timothy S. Hunsucker, C = US, O = PC-EHS, OU = Chemical/Physical
Date: 2006.09.10 13:27:26 -04'00'

DUKE ENERGY
GROUNDWATER MONITORING REPORT

September 11, 2006
Table 2

Facility: McGuire Nuclear Station Solid Waste Landfill No.1 - Permit No. 60-04
Sample Date: July 24 - 26, 2006 (Radiological Data)

Certificate Codes:

Duke Power Lab # 248

Parameter	Units	Certificate Code	Monitoring Well Identification												Surface Water 1
			MW-1	MW-1D	MW-2A	MW-2D	MW-3	MW-3D	MW-4	MW-4D	MW-11	MW-11D	MW-12	MW-12D	
Alpha	pCi/l	248	< -1.00	< -0.91	< -1.20	< -1.40	< -1.30	< -0.74	< -1.30	< -1.00	< -0.51	< -0.91	< -0.96	< -1.20	< -1.20
Ba-La-140	pCi/l	248	< 5.962	< 4.756	< 5.358	< 6.940	< 5.209	< 6.860	< 5.235	< 7.228	< 7.021	< 6.199	< 3.534	< 6.470	< 5.466
Beta	pCi/l	248	1.620	1.670	< 0.160	< 0.036	1.540	1.530	1.100	1.010	0.644	< 0.450	< 0.340	0.605	0.810
CO-58	pCi/l	248	< 4.143	< 4.136	< 3.633	< 4.771	< 3.529	< 5.251	< 3.027	< 4.460	< 4.144	< 2.805	< 3.679	< 4.548	< 5.040
CO-60	pCi/l	248	< 5.428	< 5.165	< 4.471	< 5.285	< 4.780	< 4.699	< 3.428	< 6.626	< 4.481	< 4.881	< 4.084	< 4.896	< 6.191
CS-134	pCi/l	248	< 4.313	< 3.553	< 3.830	< 4.633	< 3.046	< 4.931	< 3.377	< 4.755	< 3.747	< 3.131	< 3.372	< 4.573	< 3.899
CS-137	pCi/l	248	< 3.741	< 3.379	< 3.773	< 4.328	< 4.054	< 4.745	< 3.824	< 5.030	< 4.467	< 3.940	< 4.472	< 4.569	< 5.248
FE-59	pCi/l	248	< 8.710	< 7.215	< 7.660	< 7.475	< 8.043	< 10.18	< 6.516	< 9.049	< 8.043	< 7.126	< 8.706	< 8.360	< 12.47
I-131	pCi/l	248	< 4.864	< 3.991	< 3.855	< 5.382	< 5.026	< 6.120	< 4.334	< 4.726	< 6.295	< 4.459	< 4.792	< 5.126	< 5.701
K-40	pCi/l	248	< 77.80	< 63.91	47.54	156.50	315.60	161.70	74.02	58.61	116.50	34.92	240.90	76.22	73.90
MN-54	pCi/l	248	< 4.168	< 3.989	< 3.601	< 5.396	< 3.631	< 5.809	< 4.462	< 5.480	< 4.596	< 3.671	< 4.733	< 4.017	< 4.732
NB-95	pCi/l	248	< 4.937	< 4.053	< 3.511	< 4.279	< 4.659	< 5.901	< 4.612	< 4.752	< 4.450	< 3.627	< 4.399	< 3.656	< 4.575
Tritium	pCi/l	248	< 72.3	< 39.9	< -11.0	< -8.77	< 59.4	< -4.44	< 59.4	< 59.6	< 63.6	< -4.38	< 26.5	< 104.0	< -11.0
ZN-65	pCi/l	248	< 9.899	< 8.513	< 9.084	< 9.178	< 8.934	< 9.971	< 7.051	< 9.903	< 9.561	< 9.425	< 9.887	< 9.593	< 9.776
ZR-95	pCi/l	248	< 7.421	< 7.496	< 7.159	< 10.02	< 6.706	< 9.313	< 8.140	< 8.368	< 6.203	< 6.991	< 7.779	< 7.345	< 9.823

Digitally signed by Timothy S. Hunsucker
DN: CN = Timothy S. Hunsucker, C = US, O = PC-EHS, OU = Chemical/Physical
Date: 2006.09.10 13:29:44 -04'00'

Case Narrative

PRISM LABORATORIES, INC.

Date:	08/10/06	**Client Project ID:**	06-JUL-0200
Company:	Duke Energy Corporation	**Prism COC Group No:**	G0706599
Contact:	Jay Perkins	**Collection Date(s):**	7/24/06 thru 7/25/06
Address:	13339 Hagers Ferry Road	**Lab Submittal Date(s):**	07/25/06
	Huntersville, NC 28078	**Client Project Name Or No:**	MNS Landfill 1

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 56 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

N/A

Volatile Analysis

No Anomalies Reported

Metals Analysis

N/A

Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

Date Reviewed by:	Paula A. Gilleland	**Project Manager:**	Angela D. Overcash
Signature:	Paula A. Gilleland	**Signature:**	
Review Date:	08/10/06	**Approval Date:**	08/10/06

Data Qualifiers Key Reference:

B: Compound also detected in the method blank.
#: Result outside of the QC limits.
DO: Compound diluted out.
E: Estimated concentration, calibration range exceeded.
J: The analyte was positively identified but the value is estimated below the reporting limit.
H: Estimated concentration with a high bias.
L: Estimated concentration with a low bias.
M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the writtten consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.

449 Springbrook Road, P.O. Box 240543, Charlotte NC 28224-0403
Phone: 704/529-6364 Toll Free: 800/529-6364 Fax: 704/529-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022410/Trip Blank
Prism Sample ID: 156655
COC Group: G0706599
Time Collected: 07/24/06 6:20
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 15:26	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 15:26	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 15:26	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 15:26	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 15:26	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 15:26	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 15:26	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 15:26	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022410/Trip Blank
Prism Sample ID: 156655
COC Group: G0706599
Time Collected: 07/24/06 6:20
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 15:26	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 15:26	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 15:26	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.61	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 15:26	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022410/Trip Blank
Prism Sample ID: 156655
COC Group: G0706599
Time Collected: 07/24/06 6:20
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 15:26	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 15:26	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 15:26	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 15:26	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 15:26	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 15:26	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 15:26	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 15:26	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 15:26	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 15:26	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	101	75 - 121
Dibromofluoromethane	102	74 - 133
Bromofluorobenzene	99	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022410/Trip Blank
Prism Sample ID: 156655
COC Group: G0706599
Time Collected: 07/24/06 6:20
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022411/MW-1
Prism Sample ID: 156656
COC Group: G0706599
Time Collected: 07/24/06 9:00
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 16:42	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 16:42	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 16:42	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 16:42	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 16:42	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 16:42	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 16:42	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 16:42	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022411/MW-1
Prism Sample ID: 156656
COC Group: G0706599
Time Collected: 07/24/06 9:00
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 16:42	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 16:42	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 16:42	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 16:42	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022411/MW-1
Prism Sample ID: 156656
COC Group: G0706599
Time Collected: 07/24/06 9:00
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 16:42	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 16:42	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 16:42	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 16:42	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 16:42	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 16:42	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 16:42	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 16:42	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 16:42	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 16:42	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	99	75 - 121
Dibromofluoromethane	101	74 - 133
Bromofluorobenzene	99	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022411/MW-1
Prism Sample ID: 156656
COC Group: G0706599
Time Collected: 07/24/06 9:00
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022412/MW-1D
Prism Sample ID: 156657
COC Group: G0706599
Time Collected: 07/24/06 9:50
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.28	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:08	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:08	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 17:08	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 17:08	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 17:08	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:08	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 17:08	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:08	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022412/MW-1D
Prism Sample ID: 156657
COC Group: G0706599
Time Collected: 07/24/06 9:50
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 17:08	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 17:08	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 17:08	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 17:08	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022412/MW-1D
Prism Sample ID: 156657
COC Group: G0706599
Time Collected: 07/24/06 9:50
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 17:08	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 17:08	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:08	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:08	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:08	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:08	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:08	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 17:08	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 17:08	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 17:08	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	96	75 - 121
Dibromofluoromethane	100	74 - 133
Bromofluorobenzene	95	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022412/MW-1D
Prism Sample ID: 156657
COC Group: G0706599
Time Collected: 07/24/06 9:50
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022413/MW-2A
Prism Sample ID: 156658
COC Group: G0706599
Time Collected: 07/24/06 13:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:33	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:33	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 17:33	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 17:33	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 17:33	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:33	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 17:33	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:33	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022413/MW-2A
Prism Sample ID: 156658
COC Group: G0706599
Time Collected: 07/24/06 13:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 17:33	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 17:33	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 17:33	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 17:33	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022413/MW-2A
Prism Sample ID: 156658
COC Group: G0706599
Time Collected: 07/24/06 13:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 17:33	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 17:33	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:33	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:33	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:33	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:33	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:33	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 17:33	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 17:33	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 17:33	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	99	75 - 121
Dibromofluoromethane	104	74 - 133
Bromofluorobenzene	100	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022413/MW-2A
Prism Sample ID: 156658
COC Group: G0706599
Time Collected: 07/24/06 13:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022414/MW-2D
Prism Sample ID: 156659
COC Group: G0706599
Time Collected: 07/24/06 15:10
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:59	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:59	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 17:59	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 17:59	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 17:59	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:59	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 17:59	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:59	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022414/MW-2D
Prism Sample ID: 156659
COC Group: G0706599
Time Collected: 07/24/06 15:10
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 17:59	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 17:59	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 17:59	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 17:59	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022414/MW-2D
Prism Sample ID: 156659
COC Group: G0706599
Time Collected: 07/24/06 15:10
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 17:59	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 17:59	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:59	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:59	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 17:59	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:59	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 17:59	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 17:59	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 17:59	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 17:59	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	94	75 - 121
Dibromofluoromethane	95	74 - 133
Bromofluorobenzene	92	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022414/MW-2D
Prism Sample ID: 156659
COC Group: G0706599
Time Collected: 07/24/06 15:10
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022415/MW-3
Prism Sample ID: 156660
COC Group: G0706599
Time Collected: 07/24/06 10:10
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 18:24	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 18:24	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 18:24	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 18:24	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 18:24	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 18:24	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 18:24	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 18:24	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022415/MW-3
Prism Sample ID: 156660
COC Group: G0706599
Time Collected: 07/24/06 10:10
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 18:24	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 18:24	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 18:24	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 18:24	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022415/MW-3
Prism Sample ID: 156660
COC Group: G0706599
Time Collected: 07/24/06 10:10
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 18:24	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 18:24	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 18:24	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 18:24	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 18:24	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 18:24	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 18:24	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 18:24	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 18:24	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 18:24	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	100	75 - 121
Dibromofluoromethane	105	74 - 133
Bromofluorobenzene	100	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022415/MW-3
Prism Sample ID: 156660
COC Group: G0706599
Time Collected: 07/24/06 10:10
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022416/MW-3D
Prism Sample ID: 156661
COC Group: G0706599
Time Collected: 07/24/06 10:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 18:50	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 18:50	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 18:50	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 18:50	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 18:50	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 18:50	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 18:50	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 18:50	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022416/MW-3D
Prism Sample ID: 156661
COC Group: G0706599
Time Collected: 07/24/06 10:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 18:50	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 18:50	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 18:50	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 18:50	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022416/MW-3D
Prism Sample ID: 156661
COC Group: G0706599
Time Collected: 07/24/06 10:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 18:50	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 18:50	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 18:50	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 18:50	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 18:50	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 18:50	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 18:50	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 18:50	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 18:50	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 18:50	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	94	75 - 121
Dibromofluoromethane	97	74 - 133
Bromofluorobenzene	91	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022416/MW-3D
Prism Sample ID: 156661
COC Group: G0706599
Time Collected: 07/24/06 10:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022419/MW-11
Prism Sample ID: 156662
COC Group: G0706599
Time Collected: 07/25/06 8:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 19:15	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 19:15	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 19:15	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 19:15	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 19:15	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 19:15	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 19:15	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 19:15	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022419/MW-11
Prism Sample ID: 156662
COC Group: G0706599
Time Collected: 07/25/06 8:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 19:15	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 19:15	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 19:15	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 19:15	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0643
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022419/MW-11
Prism Sample ID: 156662
COC Group: G0706599
Time Collected: 07/25/06 8:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 19:15	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 19:15	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 19:15	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 19:15	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 19:15	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 19:15	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 19:15	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 19:15	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 19:15	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 19:15	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	94	75 - 121
Dibromofluoromethane	97	74 - 133
Bromofluorobenzene	93	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022419/MW-11
Prism Sample ID: 156662
COC Group: G0706599
Time Collected: 07/25/06 8:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022420/MW-11D
Prism Sample ID: 156663
COC Group: G0706599
Time Collected: 07/25/06 10:30
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 19:40	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 19:40	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 19:40	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 19:40	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 19:40	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 19:40	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 19:40	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 19:40	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022420/MW-11D
Prism Sample ID: 156663
COC Group: G0706599
Time Collected: 07/25/06 10:30
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 19:40	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 19:40	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 19:40	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 19:40	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022420/MW-11D
Prism Sample ID: 156663
COC Group: G0706599
Time Collected: 07/25/06 10:30
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 19:40	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 19:40	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 19:40	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 19:40	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 19:40	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 19:40	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 19:40	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 19:40	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 19:40	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 19:40	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	93	75 - 121
Dibromofluoromethane	98	74 - 133
Bromofluorobenzene	93	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022420/MW-11D
Prism Sample ID: 156663
COC Group: G0706599
Time Collected: 07/25/06 10:30
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022421/MW-12
Prism Sample ID: 156664
COC Group: G0706599
Time Collected: 07/24/06 13:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:06	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:06	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 20:06	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 20:06	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 20:06	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:06	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 20:06	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:06	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022421/MW-12
Prism Sample ID: 156664
COC Group: G0706599
Time Collected: 07/24/06 13:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 20:06	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 20:06	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 20:06	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 20:06	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022421/MW-12
Prism Sample ID: 156664
COC Group: G0706599
Time Collected: 07/24/06 13:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 20:06	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 20:06	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:06	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:06	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:06	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:06	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:06	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 20:06	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 20:06	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 20:06	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	100	75 - 121
Dibromofluoromethane	104	74 - 133
Bromofluorobenzene	100	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022421/MW-12
Prism Sample ID: 156664
COC Group: G0706599
Time Collected: 07/24/06 13:45
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022422/MW-12D
Prism Sample ID: 156665
COC Group: G0706599
Time Collected: 07/24/06 14:40
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:31	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:31	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 20:31	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 20:31	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 20:31	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:31	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 20:31	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:31	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022422/MW-12D
Prism Sample ID: 156665
COC Group: G0706599
Time Collected: 07/24/06 14:40
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 20:31	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 20:31	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 20:31	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 20:31	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022422/MW-12D
Prism Sample ID: 156665
COC Group: G0706599
Time Collected: 07/24/06 14:40
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 20:31	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 20:31	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:31	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:31	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:31	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:31	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:31	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 20:31	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 20:31	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 20:31	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	94	75 - 121
Dibromofluoromethane	97	74 - 133
Bromofluorobenzene	93	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022422/MW-12D
Prism Sample ID: 156665
COC Group: G0706599
Time Collected: 07/24/06 14:40
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022424/SW-1
Prism Sample ID: 156666
COC Group: G0706599
Time Collected: 07/24/06 10:40
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:57	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:57	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 20:57	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 20:57	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 20:57	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:57	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 20:57	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:57	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022424/SW-1
Prism Sample ID: 156666
COC Group: G0706599
Time Collected: 07/24/06 10:40
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 20:57	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 20:57	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 20:57	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 20:57	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022424/SW-1
Prism Sample ID: 156666
COC Group: G0706599
Time Collected: 07/24/06 10:40
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 20:57	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 20:57	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:57	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:57	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 20:57	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:57	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 20:57	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 20:57	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 20:57	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 20:57	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	94	75 - 121
Dibromofluoromethane	97	74 - 133
Bromofluorobenzene	92	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022424/SW-1
Prism Sample ID: 156666
COC Group: G0706599
Time Collected: 07/24/06 10:40
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022426/Field Blank
Prism Sample ID: 156667
COC Group: G0706599
Time Collected: 07/25/06 11:00
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 16:17	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 16:17	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 16:17	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 16:17	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 16:17	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 16:17	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 16:17	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 16:17	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022426/Field Blank
Prism Sample ID: 156667
COC Group: G0706599
Time Collected: 07/25/06 11:00
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 16:17	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 16:17	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 16:17	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 16:17	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022426/Field Blank
Prism Sample ID: 156667
COC Group: G0706599
Time Collected: 07/25/06 11:00
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	3.0	µg/L	2.0	0.61	1	8260B	07/28/06 16:17	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 16:17	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 16:17	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 16:17	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 16:17	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 16:17	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 16:17	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 16:17	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 16:17	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 16:17	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	98	75 - 121
Dibromofluoromethane	101	74 - 133
Bromofluorobenzene	98	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022426/Field Blank
Prism Sample ID: 156667
COC Group: G0706599
Time Collected: 07/25/06 11:00
Time Submitted: 07/25/06 15:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

8/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200

COC Group Number: G0706599
Date/Time Submitted: 7/25/06 15:30

Volatile Organic Compounds by GC/MS, method 8260B

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
1,1,1,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q16539
1,1,1-Trichloroethane	ND	1	<0.5	µg/L	Q16539
1,1,2,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2	<1	µg/L	Q16539
1,1,2-Trichloroethane	ND	1	<0.5	µg/L	Q16539
1,1-Dichloroethane	ND	1	<0.5	µg/L	Q16539
1,1-Dichloroethene	ND	1	<0.5	µg/L	Q16539
1,1-Dichloropropene	ND	1	<0.5	µg/L	Q16539
1,2,3-Trichlorobenzene	ND	2	<1	µg/L	Q16539
1,2,3-Trichloropropane	ND	1	<0.5	µg/L	Q16539
1,2,4-Trichlorobenzene	ND	1	<0.5	µg/L	Q16539
1,2,4-Trimethylbenzene	ND	1	<0.5	µg/L	Q16539
1,2-Dibromo-3-chloropropane	ND	2	<1	µg/L	Q16539
1,2-Dibromoethane (EDB)	ND	1	<0.5	µg/L	Q16539
1,2-Dichlorobenzene	ND	1	<0.5	µg/L	Q16539
1,2-Dichloroethane	ND	1	<0.5	µg/L	Q16539
1,2-Dichloropropane	ND	1	<0.5	µg/L	Q16539
1,3,5-Trimethylbenzene	ND	1	<0.5	µg/L	Q16539
1,3-Dichlorobenzene	ND	1	<0.5	µg/L	Q16539
1,3-Dichloropropane	ND	1	<0.5	µg/L	Q16539
1,4-Dichlorobenzene	ND	1	<0.5	µg/L	Q16539
1,4-Dichlorobutane	ND	2	<1	µg/L	Q16539
2,2-Dichloropropane	ND	2	<1	µg/L	Q16539
2-Chloroethyl vinyl ether	ND	2	<1	µg/L	Q16539
2-Chlorotoluene	ND	1	<0.5	µg/L	Q16539
2-Hexanone	ND	2	<1	µg/L	Q16539
4-Chlorotoluene	ND	1	<0.5	µg/L	Q16539
4-Methyl-2-pentanone (MIBK)	ND	2	<1	µg/L	Q16539
Acetone	ND	10	<5	µg/L	Q16539
Acrolein	ND	20	<10	µg/L	Q16539
Acrylonitrile	ND	20	<10	µg/L	Q16539
Benzene	ND	0.5	<0.25	µg/L	Q16539
Bromobenzene	ND	1	<0.5	µg/L	Q16539
Bromochloromethane	ND	1	<0.5	µg/L	Q16539
Bromodichloromethane	ND	1	<0.5	µg/L	Q16539
Bromoform	ND	1	<0.5	µg/L	Q16539
Bromomethane	ND	3	<1.5	µg/L	Q16539
Carbon disulfide	ND	2	<1	µg/L	Q16539
Carbon tetrachloride	ND	2	<1	µg/L	Q16539
Chlorobenzene	ND	1	<0.5	µg/L	Q16539
Chlorodibromomethane	ND	1	<0.5	µg/L	Q16539
Chloroethane	ND	2	<1	µg/L	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

8/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200

COC Group Number: G0706599
Date/Time Submitted: 7/25/06 15:30

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Chloroform	ND	1	<0.5	µg/L	Q16539
Chloromethane	ND	2	<1	µg/L	Q16539
cis-1,2-Dichloroethene	ND	1	<0.5	µg/L	Q16539
cis-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q16539
Dibromomethane	ND	1	<0.5	µg/L	Q16539
Dichlorodifluoromethane	ND	2	<1	µg/L	Q16539
Ethylbenzene	ND	1	<0.5	µg/L	Q16539
Hexachlorobutadiene	ND	2	<1	µg/L	Q16539
Isopropyl ether (IPE)	ND	1	<0.5	µg/L	Q16539
Isopropylbenzene	ND	1	<0.5	µg/L	Q16539
m,p-Xylenes	ND	2	<1	µg/L	Q16539
Methyl ethyl ketone (MEK)	ND	5	<2.5	µg/L	Q16539
Methyl iodide	ND	2	<1	µg/L	Q16539
Methyl t-butyl ether (MTBE)	ND	1	<0.5	µg/L	Q16539
Methylene chloride	ND	2	<1	µg/L	Q16539
n-Butylbenzene	ND	1	<0.5	µg/L	Q16539
n-Propylbenzene	ND	1	<0.5	µg/L	Q16539
Naphthalene	ND	1	<0.5	µg/L	Q16539
o-Xylene	ND	1	<0.5	µg/L	Q16539
p-Isopropyltoluene	ND	1	<0.5	µg/L	Q16539
sec-Butylbenzene	ND	1	<0.5	µg/L	Q16539
Styrene	ND	1	<0.5	µg/L	Q16539
tert-Butylbenzene	ND	1	<0.5	µg/L	Q16539
Tetrachloroethene	ND	1	<0.5	µg/L	Q16539
Toluene	ND	1	<0.5	µg/L	Q16539
trans-1,2-Dichloroethene	ND	2	<1	µg/L	Q16539
trans-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q16539
Trichloroethene	ND	2	<1	µg/L	Q16539
Trichlorofluoromethane	ND	2	<1	µg/L	Q16539
Vinyl acetate	ND	2	<1	µg/L	Q16539
Vinyl chloride	ND	2	<1	µg/L	Q16539

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,1-Dichloroethene	50.98	50	µg/L	102	62 - 141	Q16539
Benzene	52.96	50	µg/L	106	70 - 141	Q16539
Chlorobenzene	47.94	50	µg/L	96	88 - 120	Q16539
Toluene	51.41	50	µg/L	103	78 - 130	Q16539
Trichloroethene	51.36	50	µg/L	103	78 - 124	Q16539

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
156656	1,1-Dichloroethene	218.92	200	µg/L	109	54 - 140	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

8/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200

COC Group Number: G0706599
Date/Time Submitted: 7/25/06 15:30

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
	Benzene	225.88	200	µg/L	113	62 - 129	Q16539
	Chlorobenzene	219.6	200	µg/L	110	64 - 127	Q16539
	Toluene	217.68	200	µg/L	109	60 - 131	Q16539
	Trichloroethene	218.44	200	µg/L	109	52 - 128	Q16539

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
156656	1,1-Dichloroethene	204.08	200	µg/L	102	54 - 140	7	0 - 20	Q16539
	Benzene	214.84	200	µg/L	107	62 - 129	5	0 - 19	Q16539
	Chlorobenzene	208	200	µg/L	104	64 - 127	5	0 - 20	Q16539
	Toluene	207.92	200	µg/L	104	60 - 131	5	0 - 21	Q16539
	Trichloroethene	208.52	200	µg/L	104	52 - 128	5	0 - 18	Q16539

#-See Case Narrative

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

Duke Energy

For Detailed Instructions, see:
http://dewww/essenv/coc/

Duke Energy Analytical Lab Services
Mail Code MGO3A2 (Building 7405)
13339 Hagers Ferry Rd
Huntersville, N. C. 28078
(704) 875-5245
Fax: (704) 875-5038

Jul 24/25

[19]Page 1 of 1
DISTRIBUTION
ORIGINAL to LAB,
COPY to CLIENT

Analytical Laboratory Use Only

LIMS #	06-JUL-0200
Sample Class	GWTRS
Logged By	Veal
Date & Time	7/11/06 1609
VENDOR	PRISM
Cooler Temp (C)	
PO #	MI 2625
MR #	
Samples Originating From	NC ✓ SC ___
SAMPLE PROGRAM	Groundwater ✓, NPDES ___, Drinking Water ___, UST ___, RCRA Waste ___

Customer must Complete

1)Project Name: MNS LANDFILL 1		2)Phone No: 875-5257
3)Client: C. Campbell / T. Hunsucker		4)Fax No:875-5032
5)Business Unit: 20036	6)Process: BLDFLGN	7)Resp. To: MC00
8)Project ID:	9)Activity ID:	10)Mail Code: MGO3A3

[15]Preserv.:1=HCL 2=H_2SO_4 3=HNO_3 4=Ice 5=None

Customer to complete all appropriate NON-SHADED areas.

LAB USE ONLY [11]Lab ID	[12]Chem Desktop No.	[13]Sample Description or ID	[14]Collection Information Date	Time	Signature	[17]Comp.	[18]Grab	VOC - 8260B (1, 4)	ALK, SO4, Cl (4)		Gell, Gross A & B (3)	Tritium (5)	Hg (3)	METAL - (Ag, As, Ba, Ca, Cd, Cr, K, Mg, Na, Pb, Se) (3)				Chlorine (ppm)	[20]Total # of Containers
26022410	156655	TRIP BLANK	7/24/06	0620	LD Cell		X	3										n/a	3
26022411	156656	MW-1	7/24/06	0900	LD Cell		X	3	1		1	1	1	1				Ø	8
26022412	156657	MW-1D	7/24/06	0950	LD Cell		X	3	1		1	1	1	1				Ø	8
26022413	156658	MW-2A	7/24/06	1345	LD Cell		X	3	1		1	1	1	1				Ø	8
26022414	156659	MW-2D	7/24/06	1510	LD Cell		X	3	1		1	1	1	1				Ø	8
26022415	156660	MW-3	7/24/06	1010	Ron Neff		X	3	1		1	1	1	1				Ø	8
26022416	156661	MW-3D	7/24/06	1045	Ron Neff		X	3	1		1	1	1	1				Ø	8
26022417	~~156662~~ (B)	MW-4					X	3	1		1	1	1	1					8
26022418	~~156663~~ (B)	MW-4D					X	3	1		1	1	1	1					8
26022419	~~156664~~ (B)	MW-11 156662	7/25/06	0845	LD Cell		X	3	1		1	1	1	1				Ø	8
26022420	156663	MW-11D	7/25/06	1030	LD Cell		X	3	1		1	1	1	1				Ø	8
26022421	156664	MW-12	7/24/06	1345	Ron Neff		X	3	1		1	1	1	1				Ø	8
26022422	156665	MW-12D	7/24/06	1440	Ron Neff		X	3	1		1	1	1	1				Ø	8
26022424	156666	SW-1	7/24/06	1040	LD Cell		X	3	1		1	1	1	1				Ø	8
26022426	156667	FIELD BLANK	7/25/06	1100	LD Cell		X	3	1				1	1				n/a	6

Customer to complete appropriate columns to right

Customer to sign & date below

21)Relinquished By: Ron Neff	Date/Time: 7/25/06 0540	Accepted By: EB Calder	Date/Time: 7/25/06 7:30
Relinquished By: LD Cell	Date/Time: 7/25/06 1240	Accepted By: EB Calder	Date/Time: 7/25/06 1240
Relinquished By: EB Calder 7-25-06	Date/Time: 14:15	Accepted By: [illegible]	Date/Time: 7/25/06 1415
23)Seal/Locked By:	Date/Time:	Sealed/Lock Opened By:	Date/Time:

Customer, Important please indicate desired turnaround

[22]Requested Turnaround
14 Days ___ ✓
*7 Days ___
*48 Hr 8-8-06

[illegible] 7/25/06 1530 Ron Neff 7/25/06 @ 1530 C0706599

Case Narrative

PRISM LABORATORIES, INC.

Date:	08/10/06	**Client Project ID:**	06-JUL-0200
Company:	Duke Energy Corporation	**Prism COC Group No:**	G0706627
Contact:	Jay Perkins	**Collection Date(s):**	07/26/06
Address:	13339 Hagers Ferry Road	**Lab Submittal Date(s):**	07/26/06
	Huntersville, NC 28078	**Client Project Name Or No:**	MNS Landfill 1

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 16 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

N/A

Volatile Analysis

No Anomalies Reported

Metals Analysis

N/A

Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

Date Reviewed by:	Paula A. Gilleland	**Project Manager:**	Angela D. Overcash
Signature:	Paula A. Gilleland	**Signature:**	Paula A. Gilleland for Angela Overcash
Review Date:	08/10/06	**Approval Date:**	08/10/06

Data Qualifiers Key Reference:

B: Compound also detected in the method blank.
#: Result outside of the QC limits.
DO: Compound diluted out.
E: Estimated concentration, calibration range exceeded.
J: The analyte was positively identified but the value is estimated below the reporting limit.
H: Estimated concentration with a high bias.
L: Estimated concentration with a low bias.
M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.

449 Springbrook Road, P.O. Box 240543, Charlotte NC 28224-0403
Phone: 704/529-6364 Toll Free: 800/529-6364 Fax: 704/529-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022417/MW-4
Prism Sample ID: 156784
COC Group: G0706627
Time Collected: 07/26/06 8:55
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 21:22	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 21:22	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 21:22	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 21:22	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 21:22	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 21:22	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 21:22	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 21:22	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022417/MW-4
Prism Sample ID: 156784
COC Group: G0706627
Time Collected: 07/26/06 8:55
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 21:22	kcampigotto	Q16539
cis-1,2-Dichloroethene	4.0	µg/L	2.0	0.47	1	8260B	07/28/06 21:22	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 21:22	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 21:22	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022417/MW-4
Prism Sample ID: 156784
COC Group: G0706627
Time Collected: 07/26/06 8:55
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	2.3	µg/L	2.0	0.61	1	8260B	07/28/06 21:22	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 21:22	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 21:22	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 21:22	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 21:22	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 21:22	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 21:22	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 21:22	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Trichloroethene	2.7	µg/L	2.0	0.52	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 21:22	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 21:22	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	95	75 - 121
Dibromofluoromethane	99	74 - 133
Bromofluorobenzene	95	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022417/MW-4
Prism Sample ID: 156784
COC Group: G0706627
Time Collected: 07/26/06 8:55
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022418/MW-4d
Prism Sample ID: 156785
COC Group: G0706627
Time Collected: 07/26/06 9:55
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 21:47	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 21:47	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 21:47	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 21:47	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 21:47	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 21:47	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 21:47	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 21:47	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022418/MW-4d
Prism Sample ID: 156785
COC Group: G0706627
Time Collected: 07/26/06 9:55
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 21:47	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 21:47	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 21:47	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 21:47	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022418/MW-4d
Prism Sample ID: 156785
COC Group: G0706627
Time Collected: 07/26/06 9:55
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/L	2.0	0.61	1	8260B	07/28/06 21:47	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 21:47	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 21:47	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 21:47	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 21:47	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 21:47	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 21:47	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 21:47	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 21:47	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 21:47	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	98	75 - 121
Dibromofluoromethane	103	74 - 133
Bromofluorobenzene	97	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26022418/MW-4d
Prism Sample ID: 156785
COC Group: G0706627
Time Collected: 07/26/06 9:55
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26024170/Field blank
Prism Sample ID: 156786
COC Group: G0706627
Time Collected: 07/26/06 10:20
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	2.0	0.40	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,1,1-Trichloroethane	BRL	µg/L	2.0	0.45	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,1,2,2-Tetrachloroethane	BRL	µg/L	2.0	0.30	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,1,2-Trichloroethane	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,1-Dichloroethane	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,1-Dichloroethene	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,1-Dichloropropene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.57	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2,3-Trichloropropane	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2,4-Trichlorobenzene	BRL	µg/L	2.0	0.42	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2,4-Trimethylbenzene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2-Dibromoethane (EDB)	BRL	µg/L	2.0	0.46	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2-Dichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2-Dichloroethane	BRL	µg/L	2.0	0.36	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,2-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,3,5-Trimethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,3-Dichlorobenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,3-Dichloropropane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,4-Dichlorobenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 15:52	kcampigotto	Q16539
1,4-Dichlorobutane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 15:52	kcampigotto	Q16539
2,2-Dichloropropane	BRL	µg/L	2.0	0.73	1	8260B	07/28/06 15:52	kcampigotto	Q16539
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.43	1	8260B	07/28/06 15:52	kcampigotto	Q16539
2-Chlorotoluene	BRL	µg/L	2.0	0.19	1	8260B	07/28/06 15:52	kcampigotto	Q16539
2-Hexanone	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 15:52	kcampigotto	Q16539
4-Chlorotoluene	BRL	µg/L	2.0	0.18	1	8260B	07/28/06 15:52	kcampigotto	Q16539
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 15:52	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26024170/Field blank
Prism Sample ID: 156786
COC Group: G0706627
Time Collected: 07/26/06 10:20
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acetone	BRL	µg/L	20	2.5	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Acrolein	BRL	µg/L	20	4.5	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Acrylonitrile	BRL	µg/L	20	0.65	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Benzene	BRL	µg/L	2.0	0.14	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Bromobenzene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Bromochloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Bromodichloromethane	BRL	µg/L	2.0	0.31	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Bromoform	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Bromomethane	BRL	µg/L	5.0	1.1	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Carbon disulfide	BRL	µg/L	2.0	0.71	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Carbon tetrachloride	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Chlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Chlorodibromomethane	BRL	µg/L	2.0	0.10	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Chloroethane	BRL	µg/L	2.0	1.6	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Chloroform	BRL	µg/L	2.0	0.35	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Chloromethane	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 15:52	kcampigotto	Q16539
cis-1,2-Dichloroethene	BRL	µg/L	2.0	0.47	1	8260B	07/28/06 15:52	kcampigotto	Q16539
cis-1,3-Dichloropropene	BRL	µg/L	2.0	0.29	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Dibromomethane	BRL	µg/L	2.0	0.34	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Dichlorodifluoromethane	BRL	µg/L	2.0	0.26	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Ethylbenzene	BRL	µg/L	2.0	0.32	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Hexachlorobutadiene	BRL	µg/L	2.0	0.69	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Isopropyl ether (IPE)	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Isopropylbenzene	BRL	µg/L	2.0	0.25	1	8260B	07/28/06 15:52	kcampigotto	Q16539
m,p-Xylenes	BRL	µg/L	4.0	0.51	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.81	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Methyl iodide	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Methyl t-butyl ether (MTBE)	BRL	µg/L	2.0	0.50	1	8260B	07/28/06 15:52	kcampigotto	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26024170/Field blank
Prism Sample ID: 156786
COC Group: G0706627
Time Collected: 07/26/06 10:20
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	2.7	µg/L	2.0	0.61	1	8260B	07/28/06 15:52	kcampigotto	Q16539
n-Butylbenzene	BRL	µg/L	2.0	0.33	1	8260B	07/28/06 15:52	kcampigotto	Q16539
n-Propylbenzene	BRL	µg/L	2.0	0.21	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Naphthalene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 15:52	kcampigotto	Q16539
o-Xylene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 15:52	kcampigotto	Q16539
p-Isopropyltoluene	BRL	µg/L	2.0	0.24	1	8260B	07/28/06 15:52	kcampigotto	Q16539
sec-Butylbenzene	BRL	µg/L	2.0	0.27	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Styrene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 15:52	kcampigotto	Q16539
tert-Butylbenzene	BRL	µg/L	2.0	0.22	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Tetrachloroethene	BRL	µg/L	2.0	0.49	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Toluene	BRL	µg/L	2.0	0.39	1	8260B	07/28/06 15:52	kcampigotto	Q16539
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.56	1	8260B	07/28/06 15:52	kcampigotto	Q16539
trans-1,3-Dichloropropene	BRL	µg/L	2.0	0.38	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Trichloroethene	BRL	µg/L	2.0	0.52	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Trichlorofluoromethane	BRL	µg/L	2.0	0.65	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Vinyl acetate	BRL	µg/L	2.0	1.0	1	8260B	07/28/06 15:52	kcampigotto	Q16539
Vinyl chloride	BRL	µg/L	2.0	0.60	1	8260B	07/28/06 15:52	kcampigotto	Q16539

Surrogate	% Recovery	Control Limits
Toluene-d8	101	75 - 121
Dibromofluoromethane	103	74 - 133
Bromofluorobenzene	100	69 - 139

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

08/10/06

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200
Sample Matrix: Water

Client Sample ID: 26024170/Field blank
Prism Sample ID: 156786
COC Group: G0706627
Time Collected: 07/26/06 10:20
Time Submitted: 07/26/06 16:13

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

8/10/2006

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200

COC Group Number: G0706627
Date/Time Submitted: 7/26/2006 16:13

Volatile Organic Compounds by GC/MS, method 8260B

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
1,1,1,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q16539
1,1,1-Trichloroethane	ND	1	<0.5	µg/L	Q16539
1,1,2,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q16539
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2	<1	µg/L	Q16539
1,1,2-Trichloroethane	ND	1	<0.5	µg/L	Q16539
1,1-Dichloroethane	ND	1	<0.5	µg/L	Q16539
1,1-Dichloroethene	ND	1	<0.5	µg/L	Q16539
1,1-Dichloropropene	ND	1	<0.5	µg/L	Q16539
1,2,3-Trichlorobenzene	ND	2	<1	µg/L	Q16539
1,2,3-Trichloropropane	ND	1	<0.5	µg/L	Q16539
1,2,4-Trichlorobenzene	ND	1	<0.5	µg/L	Q16539
1,2,4-Trimethylbenzene	ND	1	<0.5	µg/L	Q16539
1,2-Dibromo-3-chloropropane	ND	2	<1	µg/L	Q16539
1,2-Dibromoethane (EDB)	ND	1	<0.5	µg/L	Q16539
1,2-Dichlorobenzene	ND	1	<0.5	µg/L	Q16539
1,2-Dichloroethane	ND	1	<0.5	µg/L	Q16539
1,2-Dichloropropane	ND	1	<0.5	µg/L	Q16539
1,3,5-Trimethylbenzene	ND	1	<0.5	µg/L	Q16539
1,3-Dichlorobenzene	ND	1	<0.5	µg/L	Q16539
1,3-Dichloropropane	ND	1	<0.5	µg/L	Q16539
1,4-Dichlorobenzene	ND	1	<0.5	µg/L	Q16539
1,4-Dichlorobutane	ND	2	<1	µg/L	Q16539
2,2-Dichloropropane	ND	2	<1	µg/L	Q16539
2-Chloroethyl vinyl ether	ND	2	<1	µg/L	Q16539
2-Chlorotoluene	ND	1	<0.5	µg/L	Q16539
2-Hexanone	ND	2	<1	µg/L	Q16539
4-Chlorotoluene	ND	1	<0.5	µg/L	Q16539
4-Methyl-2-pentanone (MIBK)	ND	2	<1	µg/L	Q16539
Acetone	ND	10	<5	µg/L	Q16539
Acrolein	ND	20	<10	µg/L	Q16539
Acrylonitrile	ND	20	<10	µg/L	Q16539
Benzene	ND	0.5	<0.25	µg/L	Q16539
Bromobenzene	ND	1	<0.5	µg/L	Q16539
Bromochloromethane	ND	1	<0.5	µg/L	Q16539
Bromodichloromethane	ND	1	<0.5	µg/L	Q16539
Bromoform	ND	1	<0.5	µg/L	Q16539
Bromomethane	ND	3	<1.5	µg/L	Q16539
Carbon disulfide	ND	2	<1	µg/L	Q16539
Carbon tetrachloride	ND	2	<1	µg/L	Q16539
Chlorobenzene	ND	1	<0.5	µg/L	Q16539
Chlorodibromomethane	ND	1	<0.5	µg/L	Q16539
Chloroethane	ND	2	<1	µg/L	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

8/10/2006

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200

COC Group Number: G0706627
Date/Time Submitted: 7/26/2006 16:13

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Chloroform	ND	1	<0.5	µg/L	Q16539
Chloromethane	ND	2	<1	µg/L	Q16539
cis-1,2-Dichloroethene	ND	1	<0.5	µg/L	Q16539
cis-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q16539
Dibromomethane	ND	1	<0.5	µg/L	Q16539
Dichlorodifluoromethane	ND	2	<1	µg/L	Q16539
Ethylbenzene	ND	1	<0.5	µg/L	Q16539
Hexachlorobutadiene	ND	2	<1	µg/L	Q16539
Isopropyl ether (IPE)	ND	1	<0.5	µg/L	Q16539
Isopropylbenzene	ND	1	<0.5	µg/L	Q16539
m,p-Xylenes	ND	2	<1	µg/L	Q16539
Methyl ethyl ketone (MEK)	ND	5	<2.5	µg/L	Q16539
Methyl iodide	ND	2	<1	µg/L	Q16539
Methyl t-butyl ether (MTBE)	ND	1	<0.5	µg/L	Q16539
Methylene chloride	ND	2	<1	µg/L	Q16539
n-Butylbenzene	ND	1	<0.5	µg/L	Q16539
n-Propylbenzene	ND	1	<0.5	µg/L	Q16539
Naphthalene	ND	1	<0.5	µg/L	Q16539
o-Xylene	ND	1	<0.5	µg/L	Q16539
p-Isopropyltoluene	ND	1	<0.5	µg/L	Q16539
sec-Butylbenzene	ND	1	<0.5	µg/L	Q16539
Styrene	ND	1	<0.5	µg/L	Q16539
tert-Butylbenzene	ND	1	<0.5	µg/L	Q16539
Tetrachloroethene	ND	1	<0.5	µg/L	Q16539
Toluene	ND	1	<0.5	µg/L	Q16539
trans-1,2-Dichloroethene	ND	2	<1	µg/L	Q16539
trans-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q16539
Trichloroethene	ND	2	<1	µg/L	Q16539
Trichlorofluoromethane	ND	2	<1	µg/L	Q16539
Vinyl acetate	ND	2	<1	µg/L	Q16539
Vinyl chloride	ND	2	<1	µg/L	Q16539

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,1-Dichloroethene	50.98	50	µg/L	102	62 - 141	Q16539
Benzene	52.96	50	µg/L	106	70 - 141	Q16539
Chlorobenzene	47.94	50	µg/L	96	88 - 120	Q16539
Toluene	51.41	50	µg/L	103	78 - 130	Q16539
Trichloroethene	51.36	50	µg/L	103	78 - 124	Q16539

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
156656	1,1-Dichloroethene	218.92	200	µg/L	109	54 - 140	Q16539

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

8/10/2006

Duke Energy Corporation
Attn: Jay Perkins
13339 Hagers Ferry Road
Huntersville, NC 28078

Project Name: MNS Landfill 1
Project ID: 06-JUL-0200

COC Group Number: G0706627
Date/Time Submitted: 7/26/2006 16:13

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
	Benzene	225.88	200	µg/L	113	62 - 129	Q16539
	Chlorobenzene	219.6	200	µg/L	110	64 - 127	Q16539
	Toluene	217.68	200	µg/L	109	60 - 131	Q16539
	Trichloroethene	218.44	200	µg/L	109	52 - 128	Q16539

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
156656	1,1-Dichloroethene	204.08	200	µg/L	102	54 - 140	7	0 - 20	Q16539
	Benzene	214.84	200	µg/L	107	62 - 129	5	0 - 19	Q16539
	Chlorobenzene	208	200	µg/L	104	64 - 127	5	0 - 20	Q16539
	Toluene	207.92	200	µg/L	104	60 - 131	5	0 - 21	Q16539
	Trichloroethene	208.52	200	µg/L	104	52 - 128	5	0 - 18	Q16539

#-See Case Narrative

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409