HAZEN AND SAWYER
Environmental Engineers & Scientists

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April 10, 2008

Mr. Johnny Beal
Wake County Solid Waste Management Division
Post Office Box 550
Raleigh, NC 27602

Re: Wake County North Wake Lined Landfill
November 2007 Semi-Annual Groundwater
Sampling Report
H&S No. 30547-014

Dear Mr. Beal,

As authorized by Wake County, Hazen and Sawyer has prepared a report on the Semi-Annual Groundwater Sampling event for North Wake Lined Landfill conducted on **November 7, 2007**. For this, the second of the 2007 sampling events, a total of 16 groundwater monitoring wells was sampled and tested for **Appendix I** constituents as required for facilities in Detection Monitoring. In addition, two surface water monitoring points were sampled and tested. Surface water monitoring point SW-5 was found to be dry on November 7, 2007, so no sampling was completed for this location. The following monitoring wells and surface water monitoring locations were sampled on November 7, 2007 and subsequently tested in the laboratory by Environment 1, Incorporated as a sub-consultant to Hazen and Sawyer:

MW-12, MW-12D, MW-13, MW-14, MW-15, MW-15D, MW-16, MW-17, MW-17D, MW-18, MW-19, MW-20, MW-21, MW-25, MW-25D, MW-26, SW-4, and SW-6

Wells MW-11 and MW-11D are background wells for both the Lined and Unlined Landfills. They were sampled with the wells for the Unlined Landfill in order to conduct the complete Appendix I and/or Appendix II analyses in accordance with the Assessment Monitoring Plan when applicable. Data for these wells are also included in this report.

Locations for each of these wells are provided on the attached "Lined MSW and C&DD Landfills Monitoring Well Location Plan", Drawing GW-2, prepared by Hazen and Sawyer. This drawing reflects the updated well locations and site conditions based upon drawings prepared by Taylor Weisman Taylor (TWT), dated February 21, 2005, under contract with Wake County.

Field activities during sampling as well as presentation and discussion of test results and analyses are provided in the following sections. Complete laboratory data and chain-of-custody are provided in the Appendix.

Field Activities

Samples were obtained from the groundwater monitoring wells and surface water sampling points on November 7, 2007 by representatives of Environment 1, Inc. of Greenville, North Carolina. The static water level and total well depth at each well are first recorded using an electric water level indicator. Each monitoring well is purged (3 to 5 well volumes) using properly cleaned and prepared 1-liter non-disposable Teflon bailers. A bailer is prepared and dedicated for each well to be sampled in order to minimize the risk of cross-contamination.

Once the wells have recharged to an extent that sampling is practical, well samples are analyzed in the field for pH, temperature, and conductivity. Groundwater samples are obtained, prepared, and stored, and the Chain-Of-Custody documentation is recorded for each well. Sampling personnel note any conditions, including monitoring well damage that may impact sampling or testing results. Any such issues will be presented and discussed in the report as necessary.

Groundwater depths in each groundwater monitoring well were converted to groundwater elevations by Hazen and Sawyer based upon the 2005 site and well survey data provided by TWT. Groundwater depths and elevations for each well are presented on Table 1. Groundwater elevations were used to prepare a Potentiometric Surface contour map for North Wake Unlined Landfill. A summary of field parameters for each well is also presented in Table 1.

Summary of Groundwater and Surface Water Testing

All of the groundwater monitoring wells were analyzed for **Appendix I** constituents. A summary of the detected parameters is provided below. Parameters listed below represent constituent concentrations that were above laboratory detection limits. Concentrations that exceed State Groundwater Quality Standards (15A NCAC 02L.0202) are highlighted. A summary table for all detected Appendix I metal constituents is provided on Table 2. No Appendix I Volatile Organic Compounds (VOC's) were detected. Complete laboratory analyses and reports are provided in the Appendix.

In accordance with the October 27, 2006 NCDENR Solid Waste Section Memorandum regarding New Guidelines for Electronic Submittal of Environmental Data (including the February 23, 2007 addendum), laboratories now must report to the Solids Waste Section Limit (SWSL). The SWSL is the lowest concentration of an analyte that can be determined and is often lower than the method limits that can accurately be reported. For all sampling data beginning on or after January 1, 2007, constituents may be reported that have not been reported for a particular well in the past. This may not indicate any change in groundwater quality but may only reflect the lower required reporting limits.

MW-11 (Background)

Metals:	Barium, **Beryllium**, Copper, Lead, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected

MW-11D (Background, Deep)

Metals:	Zinc
Volatile Organic Compounds:	None Detected

MW-12

Metals:	Barium, Beryllium, Copper, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected

MW-12D

Metals:	None Detected
Volatile Organic Compounds:	None Detected

MW-13

Metals:	Barium, Chromium, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected

MW-14

Metals:	Copper, Zinc
Volatile Organic Compounds:	None Detected

MW-15

Metals:	Copper, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected

MW-15D

Metals:	None Detected
Volatile Organic Compounds:	None Detected

MW-16

Metals:	Barium, Copper, Zinc
Volatile Organic Compounds:	None Detected

MW-17

Metals:	Barium, **Beryllium**, Chromium, Copper, **Lead** (at GWP standard), **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected

MW-17D

Metals:	None Detected
Volatile Organic Compounds:	None Detected

MW-18

Metals:	Barium, Beryllium, Chromium, Cobalt, Copper, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected

MW-19

Metals:	Chromium, Copper, Zinc
Volatile Organic Compounds:	None Detected

MW-20

Metals:	Barium, Cobalt, Copper, **Lead**, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected

MW-21

Metals:	Zinc
Volatile Organic Compounds:	None Detected

MW-25

Metals:	Barium, Chromium, Zinc
Volatile Organic Compounds:	None Detected

MW-25D

Metals:	Chromium, Copper, Zinc
Volatile Organic Compounds:	None Detected

MW-26

Metals:	Copper
Volatile Organic Compounds:	None Detected

Surface Water SW-4

Metals:	None Detected
Volatile Organic Compounds:	None Detected

Surface Water SW-5

Metals:	None Detected
Volatile Organic Compounds:	None Detected

Surface Water SW-6

Metals:	None Detected
Volatile Organic Compounds:	None Detected

Trip Blanks

Metals:	Not Sampled
Volatile Organic Compounds:	None Detected

Equipment Blanks

Metals:	Not Sampled
Volatile Organic Compounds:	None Detected

Data Analyses and Trends

1. Metals

Concentrations in excess of the State Groundwater Quality Standards were recorded for *Lead* in monitoring well MW-20 while well MW-17 experienced a concentration at the Groundwater Standard for this sampling event. *Lead* has never been recorded in well MW-20 but has in the past for well MW-17 at slightly higher concentrations. Concentrations in excess of the Groundwater Protection Standards were recorded for *Beryllium* in wells MW-11 and MW-17. *Beryllium* was recorded in excess of the GWP standards in well MW-17 at the same concentration in the past and on one occasion in 1995 for MW-11. *Vanadium* was also found to be above Groundwater Protection Standards in seven monitoring wells (MW-11, 12, 13, 15, 17, 18, and 20). Exceedances for *Vanadium* have occurred in all these wells with the exception of well MW-20 at similar or higher concentrations on previous occasions. *Vanadium* has never been reported for monitoring well MW-20.

The drought experienced throughout 2007 has resulted in reductions in the groundwater elevations for most of the monitoring wells at North Wake. Monitoring wells in the vicinity of the Lined Landfill have dropped approximately 1 to 2-ft since the April 2006 sampling event. This is not a significant reduction in groundwater elevations, but the current elevations are below historic levels for this time of year.

Note that several metals were detected (Beryllium and Vanadium above GWS) in Monitoring Well MW-11, the shallow background well. These constituents have been detected in the past at similar concentrations, but not for several years. This condition should be further evaluated during the 2008 sampling events to examine any influence of rising groundwater levels.

The effect of lower groundwater elevations may be to concentrate constituents in shallow wells that could appear to impact groundwater quality. This effect, if noted, may not be related to the landfill itself, but to the amount of groundwater available to dilute and breakdown volatile organic or metal constituents. Sampling of the wells may be more difficult due to less available groundwater and slower recharge times. This often results in an increase in sample turbidity, which can increase metals concentrations. It should be noted that the samples are not filtered prior to analyses, in accordance with State regulatory policy.

2. Volatile Organic Compounds

No Volatile Organic Compounds (VOC's) were detected in any of the wells on November 7, 2007. This is consistent with previous sampling events.

Groundwater Flow Rate and Direction

Groundwater depths were recorded during sampling at each well. Using surveyed monitoring well data, the depths were converted to groundwater elevations. The groundwater elevation for each well is shown in tabular form on the attached "Potentiometric Surface Map November 7, 2007", Drawing GW-4. Groundwater elevation data were used to form a series of contours illustrating groundwater elevations and flow directions on Drawing GW-4. Groundwater flows generally to the northeast, as was indicated in previous sampling reports. The average hydraulic gradient in vicinity of each well was computed on the basis of the Potentiometric contours. Average flow velocity and the flow direction in the vicinity of each well were computed using the hydraulic gradient at each well and the hydraulic conductivity and effective porosity published in previous reports prepared by CDM for the North Wake Unlined facility. The hydraulic conductivity and effective porosity are characteristics of the aquifer at each well and are not dependent on groundwater depths. Hydraulic data for each well are shown on the attached Table 3.

Statistical Analyses

No organic compounds were detected in any of the wells sampled, and there were few Appendix I metal constituents detected. A statistical analysis could therefore only be performed on metals but no parameters were found to be statistically significant. The same has been true for past statistical analyses concerning this landfill. Data from the November 7, 2007 sampling event will be included in future statistical analyses.

A data CD for all three of the North Wake landfills is enclosed that provides raw laboratory data for this sampling event and results from statistical analyses described above. In addition, copies of all of the reports and tables for the North Wake landfills are provided on the CD in Portable Document Format (PDF). One copy of this report, including the data CD, is being provided to the NCDENR Solid Waste Section in accordance with State regulations.

Hazen and Sawyer personnel are available to meet with you and your staff to discuss this Report and to answer any questions you may have. In the interim, if you have any questions or require additional information, please contact us.

Very truly yours,

HAZEN AND SAWYER, P.C.

Georgina D Varelas

Georgina D Varelas
Assistant Engineer

John A. Bove, PE
Associate

Attachment: Environmental Monitoring Reporting Form
Digital Copy of Groundwater Data on CD

cc: Jackie Drummond, NCDENR

DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Hazen and Sawyer, P.C.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: John A. Bove, P.E. Phone: (919)833-7152

E-mail: jbove@hazenandsawyer.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
North Wake Lined Landfill	9004 Deponie Drive Raleigh, NC 27615	92-09	.0500	November 7, 2007

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify)
☐ Other(specify)

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

John A. Bove, P.E.	Associate	(919) 833-7152
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Signature	4/11/08 Date	Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL SEAL 19391 ENGINEER JOHN A. BOVE

Revised 01/2007

Facility Name: North Wake Lined Landfill
Monitoring Event Date: 11/07/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-12	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12	7440-39-3	15	Barium	266	ug/L		1	11/07/2007		11/15/2007
92-09	MW-12	7440-41-7	23	Beryllium	1.4	ug/L		1	11/07/2007		11/15/2007
92-09	MW-12	7440-43-9	34	Cadmium	0.8	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12	7440-47-3	51	Chromium	9.8	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12	7440-48-4	53	Cobalt	4.8	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12	7440-48-4	54	Copper	31	ug/L		1	11/07/2007		11/15/2007
92-09	MW-12	7439-92-1	131	Lead	7.3	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12	7440-02-0	152	Nickel	3.9	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12	7782-49-2	183	Selenium	2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12	7440-28-0	194	Thallium	0.5	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12	7440-62-2	209	Vanadium	38	ug/L		1	11/07/2007		11/15/2007
92-09	MW-12	7440-66-6	213	Zinc	68	ug/L		1	11/07/2007		11/20/2007
92-09	MW-12D	7440-36-0	13	Antimony	0.3	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	7440-39-3	15	Barium	17.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	7440-43-9	34	Cadmium	0.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	7440-47-3	51	Chromium	0.6	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	7440-48-4	54	Copper	9.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	7439-92-1	131	Lead	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	7440-62-2	209	Vanadium	2.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	7440-66-6	213	Zinc	3.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-12D	67-64-1	3	Acetone	2.5	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12D	78-93-3	141	2-Butanone (MEK)	2.9	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-12D	74-87-3	137	Chloromethane	0.3	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-13	7440-39-3	15	Barium	157	ug/L		1	11/07/2007		11/16/2007
92-09	MW-13	7440-41-7	23	Beryllium	0.7	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-13	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-13	7440-47-3	51	Chromium	24	ug/L		1	11/07/2007		11/16/2007
92-09	MW-13	7440-48-4	53	Cobalt	6.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-13	7440-48-4	54	Copper	1.6	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-13	7439-92-1	131	Lead	5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-13	7440-02-0	152	Nickel	11.9	ug/L	J	1	11/07/2007		11/16/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-13	7440-28-0	194	Thallium	0.3	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-13	7440-62-2	209	Vanadium	30	ug/L		1	11/07/2007		11/16/2007
92-09	MW-13	7440-66-6	213	Zinc	62	ug/L		1	11/07/2007		11/16/2007
92-09	MW-13	67-64-1	3	Acetone	1.4	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-13	78-93-3	141	2-Butanone (MEK)	1.6	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-13	67-66-3	44	Chloroform	0.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-14	7440-36-0	13	Antimony	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-39-3	15	Barium	73.8	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-41-7	23	Beryllium	0.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-47-3	51	Chromium	6.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-48-4	53	Cobalt	5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-48-4	54	Copper	13	ug/L		1	11/07/2007		11/16/2007
92-09	MW-14	7439-92-1	131	Lead	3	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-02-0	152	Nickel	7	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-62-2	209	Vanadium	19.7	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-14	7440-66-6	213	Zinc	25	ug/L		1	11/07/2007		11/16/2007
92-09	MW-14	78-93-3	141	2-Butanone (MEK)	1.4	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-14	67-66-3	44	Chloroform	0.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-14	127-18-4	192	Tetrachloroethene	0.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-15	7440-36-0	13	Antimony	0.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-38-2	14	Arsenic	0.6	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-39-3	15	Barium	74	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-41-7	23	Beryllium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-43-9	34	Cadmium	0.6	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-47-3	51	Chromium	6.6	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-48-4	53	Cobalt	3.8	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-48-4	54	Copper	15	ug/L		1	11/07/2007		11/16/2007
92-09	MW-15	7439-92-1	131	Lead	1.6	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-02-0	152	Nickel	7.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15	7440-62-2	209	Vanadium	27	ug/L		1	11/07/2007		11/16/2007
92-09	MW-15	7440-66-6	213	Zinc	77	ug/L		1	11/07/2007		11/16/2007
92-09	MW-15	67-64-1	3	Acetone	1.6	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-15	78-93-3	141	2-Butanone (MEK)	1.8	ug/L	J	1	11/07/2007		11/15/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-15	74-87-3	137	Chloromethane	0.3	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-15D	7440-36-0	13	Antimony	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15D	7440-39-3	15	Barium	56.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15D	7440-43-9	34	Cadmium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15D	7440-47-3	51	Chromium	2.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15D	7440-48-4	54	Copper	1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15D	7440-62-2	209	Vanadium	4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15D	7440-66-6	213	Zinc	2.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-15D	67-64-1	3	Acetone	1.8	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-15D	78-93-3	141	2-Butanone (MEK)	2.4	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-15D	74-87-3	137	Chloromethane	0.3	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-16	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-38-2	14	Arsenic	1.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-39-3	15	Barium	167	ug/L		1	11/07/2007		11/16/2007
92-09	MW-16	7440-41-7	23	Beryllium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-47-3	51	Chromium	3.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-48-4	53	Cobalt	3.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-48-4	54	Copper	12	ug/L		1	11/07/2007		11/16/2007
92-09	MW-16	7439-92-1	131	Lead	1.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-02-0	152	Nickel	2.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-62-2	209	Vanadium	7.3	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-16	7440-66-6	213	Zinc	23	ug/L		1	11/07/2007		11/16/2007
92-09	MW-16	67-64-1	3	Acetone	1.6	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-16	78-93-3	141	2-Butanone (MEK)	1.3	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-17	7440-36-0	13	Antimony	0.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17	7440-38-2	14	Arsenic	1.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17	7440-39-3	15	Barium	107	ug/L		1	11/07/2007		11/16/2007
92-09	MW-17	7440-41-7	23	Beryllium	3	ug/L		1	11/07/2007		11/16/2007
92-09	MW-17	7440-43-9	34	Cadmium	0.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17	7440-47-3	51	Chromium	19	ug/L		1	11/07/2007		11/16/2007
92-09	MW-17	7440-48-4	53	Cobalt	3.8	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17	7440-48-4	54	Copper	11	ug/L		1	11/07/2007		11/16/2007
92-09	MW-17	7439-92-1	131	Lead	15	ug/L		1	11/07/2007		11/16/2007
92-09	MW-17	7440-02-0	152	Nickel	4.1	ug/L	J	1	11/07/2007		11/16/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-17	7440-28-0	194	Thallium	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17	7440-62-2	209	Vanadium	41	ug/L		1	11/07/2007		11/16/2007
92-09	MW-17	7440-66-6	213	Zinc	29	ug/L		1	11/07/2007		11/16/2007
92-09	MW-17	67-64-1	3	Acetone	3.8	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-17	78-93-3	141	2-Butanone (MEK)	4.8	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-17	74-87-3	137	Chloromethane	0.4	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-17D	7440-36-0	13	Antimony	0.3	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17D	7440-39-3	15	Barium	32.7	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17D	7440-43-9	34	Cadmium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17D	7440-47-3	51	Chromium	1.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17D	7440-48-4	54	Copper	1.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17D	7440-62-2	209	Vanadium	3.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17D	7440-66-6	213	Zinc	3.3	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-17D	67-64-1	3	Acetone	0.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-17D	74-87-3	137	Chloromethane	1.5	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-18	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-18	7440-38-2	14	Arsenic	1.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-18	7440-39-3	15	Barium	281	ug/L		1	11/07/2007		11/16/2007
92-09	MW-18	7440-41-7	23	Beryllium	1	ug/L		1	11/07/2007		11/16/2007
92-09	MW-18	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-18	7440-47-3	51	Chromium	35	ug/L		1	11/07/2007		11/16/2007
92-09	MW-18	7440-48-4	53	Cobalt	13	ug/L		1	11/07/2007		11/16/2007
92-09	MW-18	7440-48-4	54	Copper	43	ug/L		1	11/07/2007		11/16/2007
92-09	MW-18	7439-92-1	131	Lead	8	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-18	7440-02-0	152	Nickel	17.7	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-18	7782-49-2	183	Selenium	0.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-18	7440-28-0	194	Thallium	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-18	7440-62-2	209	Vanadium	44	ug/L		1	11/07/2007		11/16/2007
92-09	MW-18	7440-66-6	213	Zinc	107	ug/L		1	11/07/2007		11/16/2007
92-09	MW-18	67-64-1	3	Acetone	1.7	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-18	78-93-3	141	2-Butanone (MEK)	1.8	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-18	67-66-3	44	Chloroform	0.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-19	7440-36-0	13	Antimony	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-19	7440-39-3	15	Barium	51.7	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-19	7440-41-7	23	Beryllium	0.3	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-19	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/07/2007		11/16/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-19	7440-47-3	51	Chromium	17	ug/L		1	11/07/2007		11/16/2007
92-09	MW-19	7440-48-4	53	Cobalt	3	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-19	7440-48-4	54	Copper	29	ug/L		1	11/07/2007		11/16/2007
92-09	MW-19	7439-92-1	131	Lead	1.7	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-19	7440-02-0	152	Nickel	7.7	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-19	7440-62-2	209	Vanadium	10.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-19	7440-66-6	213	Zinc	12	ug/L		1	11/07/2007		11/16/2007
92-09	MW-19	78-93-3	141	2-Butanone (MEK)	2.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-19	74-87-3	137	Chloromethane	0.3	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-20	7440-38-2	14	Arsenic	0.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-20	7440-39-3	15	Barium	147	ug/L		1	11/07/2007		11/16/2007
92-09	MW-20	7440-41-7	23	Beryllium	0.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-20	7440-43-9	34	Cadmium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-20	7440-47-3	51	Chromium	9.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-20	7440-48-4	53	Cobalt	12	ug/L		1	11/07/2007		11/16/2007
92-09	MW-20	7440-48-4	54	Copper	75	ug/L		1	11/07/2007		11/16/2007
92-09	MW-20	7439-92-1	131	Lead	19	ug/L		1	11/07/2007		11/16/2007
92-09	MW-20	7440-02-0	152	Nickel	15.4	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-20	7440-28-0	194	Thallium	0.2	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-20	7440-62-2	209	Vanadium	29	ug/L		1	11/07/2007		11/16/2007
92-09	MW-20	7440-66-6	213	Zinc	79	ug/L		1	11/07/2007		11/16/2007
92-09	MW-20	67-64-1	3	Acetone	1.5	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-20	78-93-3	141	2-Butanone (MEK)	1.7	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-20	75-34-3	75	1,1-Dichloroethane	0.4	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-20	75-09-2	140	Methylene Chloride	0.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-20	127-18-4	192	Tetrachloroethene	0.5	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-20	75-69-4	203	Trichlorofluoromethane	0.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-21	7440-39-3	15	Barium	72	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-21	7440-41-7	23	Beryllium	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-21	7440-47-3	51	Chromium	1.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-21	7440-48-4	53	Cobalt	1.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-21	7440-48-4	54	Copper	8.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-21	7439-92-1	131	Lead	0.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-21	7440-02-0	152	Nickel	1	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-21	7440-62-2	209	Vanadium	10.6	ug/L	J	1	11/07/2007		11/16/2007
92-09	MW-21	7440-66-6	213	Zinc	11	ug/L		1	11/07/2007		11/16/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-21	67-64-1	3	Acetone	1.5	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-21	78-93-3	141	2-Butanone (MEK)	1.4	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-25	7440-39-3	15	Barium	126	ug/L		1	11/07/2007		11/19/2007
92-09	MW-25	7440-41-7	23	Beryllium	0.5	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25	7440-43-9	34	Cadmium	0.5	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25	7440-47-3	51	Chromium	15	ug/L		1	11/07/2007		11/19/2007
92-09	MW-25	7440-48-4	53	Cobalt	2.8	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25	7440-48-4	54	Copper	7.2	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25	7439-92-1	131	Lead	2.9	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25	7440-02-0	152	Nickel	7.8	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25	7440-28-0	194	Thallium	0.2	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25	7440-62-2	209	Vanadium	16.1	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25	7440-66-6	213	Zinc	28	ug/L		1	11/07/2007		11/19/2007
92-09	MW-25	67-64-1	3	Acetone	1.6	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-25	78-93-3	141	2-Butanone (MEK)	1.4	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-25D	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-39-3	15	Barium	76	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-41-7	23	Beryllium	0.3	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-43-9	34	Cadmium	0.4	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-47-3	51	Chromium	10	ug/L		1	11/07/2007		11/19/2007
92-09	MW-25D	7440-48-4	53	Cobalt	5.7	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-48-4	54	Copper	29	ug/L		1	11/07/2007		11/19/2007
92-09	MW-25D	7439-92-1	131	Lead	2	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-02-0	152	Nickel	7.8	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-62-2	209	Vanadium	18.1	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-25D	7440-66-6	213	Zinc	29	ug/L		1	11/07/2007		11/19/2007
92-09	MW-25D	67-64-1	3	Acetone	2.1	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-25D	78-93-3	141	2-Butanone (MEK)	2.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-25D	74-87-3	137	Chloromethane	0.2	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-26	7440-36-0	13	Antimony	0.3	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	7440-39-3	15	Barium	32	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	7440-41-7	23	Beryllium	0.1	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	7440-43-9	34	Cadmium	0.3	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	7440-47-3	51	Chromium	2	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	7440-48-4	53	Cobalt	7.8	ug/L	J	1	11/07/2007		11/19/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-26	7440-48-4	54	Copper	12	ug/L		1	11/07/2007		11/19/2007
92-09	MW-26	7439-92-1	131	Lead	0.4	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	7440-02-0	152	Nickel	5.2	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	7440-62-2	209	Vanadium	7.3	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	7440-66-6	213	Zinc	6.2	ug/L	J	1	11/07/2007		11/19/2007
92-09	MW-26	67-64-1	3	Acetone	4.9	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-26	78-93-3	141	2-Butanone (MEK)	3.6	ug/L	J	1	11/07/2007		11/15/2007
92-09	MW-26	74-87-3	137	Chloromethane	0.3	ug/L	J	1	11/07/2007		11/15/2007
92-09	SW-4	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-4	7440-39-3	15	Barium	18.1	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-4	7440-43-9	34	Cadmium	0.1	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-4	7440-47-3	51	Chromium	0.3	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-4	7440-48-4	54	Copper	0.6	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-4	7439-92-1	131	Lead	0.2	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-4	7440-66-6	213	Zinc	3.9	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-4	78-93-3	141	2-Butanone (MEK)	1.3	ug/L	J	1	11/07/2007		11/15/2007
92-09	SW-6	7440-39-3	15	Barium	28.7	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-6	7440-47-3	51	Chromium	0.6	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-6	7440-48-4	53	Cobalt	0.7	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-6	7440-48-4	54	Copper	1.3	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-6	7439-92-1	131	Lead	0.2	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-6	7440-62-2	209	Vanadium	2.5	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-6	7440-66-6	213	Zinc	3.9	ug/L	J	1	11/07/2007		11/19/2007
92-09	SW-6	67-64-1	3	Acetone	2.7	ug/L	J	1	11/07/2007		11/15/2007
92-09	SW-6	78-93-3	141	2-Butanone (MEK)	3.1	ug/L	J	1	11/07/2007		11/15/2007
92-09	SW-6	74-87-3	137	Chloromethane	0.3	ug/L	J	1	11/07/2007		11/15/2007

*J Qualifier = estimated result between MDL and SWSL

Table 1
Water Quality Field Parameters - November 7, 2007
North Wake Lined Landfill

	Field Measurements			Groundwater Elevations		
Monitoring Well I.D.	pH (-)	Conductivity (µS)	Temperature (deg. C)	TOC Elevation (feet AMSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet AMSL)
MW-11**	5.90	86	15.0	342.96	44.10	298.86
MW-11 D**	6.20	125	16.0	343.01	44.35	298.66
MW-12	5.80	163	18.0	260.76	17.02	243.74
MW-12D	6.00	159	17.0	260.82	18.04	242.78
MW-13	6.10	135	17.0	270.06	22.90	247.16
MW-14	6.00	150	15.0	270.05	44.16	225.89
MW-15	5.80	153	17.0	238.67	18.81	219.86
MW-15D	6.30	162	15.0	238.75	19.00	219.75
MW-16	6.30	501	15.0	266.56	36.03	230.53
MW-17	5.80	130	15.0	273.68	32.91	240.77
MW-17D	6.40	156	15.0	273.41	33.50	239.91
MW-18	5.90	135	16.0	282.35	20.01	262.34
MW-19	5.80	133	16.0	283.79	38.04	245.75
MW-20	6.20	232	16.0	290.94	30.82	260.12
MW-21	6.20	115	16.0	308.77	32.29	276.48
MW-25	6.10	147	16.0	294.33	11.21	283.12
MW-25D	6.20	127	15.0	293.91	11.13	282.78
MW-26	6.20	156	17.0	275.37	9.44	265.93
SW-4	6.30	183	19.0	---	---	---
SW-5*	--	--	--	---	---	---
SW-6	6.60	124	10.0	---	---	---

NOTES:
AMSL - Above Mean Sea Level
TOC - Top of Casing Elevation from 2005 TWT Survey
** Wells MW-11 and MW-11D are background wells sampled with the Unlined Landfill Wells on November 8, 2007.
* Missing Data

Table 2
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC Standard		0.006*	0.050	2	0.002*	0.00175	0.05	0.002*	1	0.015	0.1	0.05	0.0175	2*	0.025*	1.05
MW-11	31-Oct-95	<.030	0.011	0.842	0.008	<.001	0.024	0.071	0.331	0.026	0.087	<.020	<.010	<.010	0.117	0.314
MW-11	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	26-Feb-96	<.030	<.010	<.500	<.002	<.001	0.011	0.022	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.106
MW-11	29-Apr-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.106
MW-11	27-Nov-96	<.005	<.005	0.035	<.001	<.001	<.002	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-11	22-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.13
MW-11	31-Oct-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.066
MW-11	11-May-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	8-Dec-98	<.030	<.010	<.500	<.002	0.0021	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	5-Apr-00	<.030	<.010	<.500	<.002	0.0012	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	18-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	27-Nov-01	<.010	<.010	0.311	<.010	<.010	<.010	<.010	0.0165	<.010	<.040	<.010	<.010	<.010	<.050	0.0297
MW-11	5-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	5-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	21-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	11-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.083
MW-11	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.082
MW-11	20-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	0.021
MW-11	7-Nov-07	<.006	<.010	0.332	0.0021	<.001	<.010	<.010	<.010	0.012	<.050	<.010	<.010	<.005	0.058	0.113
MW-11D	31-Oct-95	<.030	<.010	<.500	<.002	0.002	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	19-Dec-95	<.030	<.010	<.500	<.002	<.002	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	26-Feb-96	<.030	<.010	<.500	<.002	0.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	29-Apr-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D (dup)	29-Apr-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11 D	27-Nov-96	<.005	<.005	0.026	<.001	<.001	<.002	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-11D	22-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.054
MW-11D	31-Oct-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.026
MW-11D	11-May-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	0.012	<.010	<.040	0.069
MW-11D	8-Dec-98	<.030	<.010	<.500	<.002	0.0019	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	18-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	27-Nov-01	<.010	<.010	<.100	<.010	<.010	<.010	<.010	<.010	<.010	<.040	<.010	<.010	<.010	<.050	<.020
MW-11D	5-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	5-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	21-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	11-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-11D	20-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-11D	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	0.016
MW-12	31-Oct-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12 (dup)	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.010	<.020	<.010	<.010	<.040	<.050
MW-12	26-Feb-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	29-Apr-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	27-Nov-96	<.005	<.005	0.2	<.001	<.001	<.002	0.005	0.01	0.006	<.05	<.005	<.005	<.001	0.014	0.026
MW-12	24-Apr-97	<.030	<.010	<.500	<.002	<.001	0.012	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.11
MW-12	3-Nov-97	<.030	<.010	0.55	0.0029	0.0013	0.021	0.023	<.200	0.018	<.050	<.020	<.010	<.010	0.12	0.31
MW-12	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	28-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	5-Nov-02	<.030	<.010	<.500	<.002	0.0013	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	18-Nov-04	<.030	<.010	<.500	<.002	<.001	0.019	0.018	<.200	<.010	<.050	<.020	<.010	<.010	0.065	0.05
MW-12	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12	18-Apr-07	<.006	<.010	0.26	0.001	<.001	<.010	<.010	0.037	<.010	<.050	<.010	<.010	<.005	0.05	0.061
MW-12	7-Nov-07	<.006	<.010	0.266	0.0014	<.001	<.010	<.010	0.031	<.010	<.050	<.010	<.010	<.005	0.038	0.068

Table 2
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC Standard		0.006*	0.050	2	0.002*	0.00175	0.05	0.002*	1	0.015	0.1	0.05	0.0175	2*	0.025*	1.05
MW-12D	31-Oct-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	26-Feb-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	29-Apr-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12 D	27-Nov-96	<.005	<.005	0.013	<.001	<.001	<.002	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-12D	24-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	3-Nov-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.020
MW-12D	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D (dup)	18-Dec-00	<.030	<.010	<.500	<.002	0.0011	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	28-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	5-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-12D	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-12D	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-13	31-Oct-95	<.030	<.010	<.500	0.002	<.001	0.022	<.010	<.200	<.010	0.063	<.020	<.010	<.010	0.044	0.069
MW-13	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	26-Feb-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	29-Apr-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	27-Nov-96	<.005	<.005	0.018	<.001	<.001	<.002	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-13	24-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	7-May-98	<.030	<.010	<.500	<.002	<.001	0.021	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	23-Nov-98	<.030	<.010	<.500	<.002	0.0058	0.059	0.019	<.200	<.010	<.050	<.020	<.010	<.010	0.081	0.12
MW-13	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	18-Dec-00	<.030	<.010	<.500	<.002	0.0011	0.0102	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	28-Nov-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13 (dup)	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	8-Apr-04	<.030	<.010	<.500	<.002	<.001	0.0222	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13 (dup)	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	18-Nov-04	<.030	<.010	<.500	<.002	<.001	0.086	0.033	<.200	<.010	<.050	<.020	<.010	<.010	0.099	0.1
MW-13	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	10-Nov-05	<.005	<.010	0.578	<.002	<.001	0.158	<.010	<.200	<.010	0.109	<.020	<.010	<.010	0.217	0.272
MW-13	13-Apr-06	<.030	<.010	<.500	<.002	<.001	0.012	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	8-Nov-06	<.030	<.010	<.500	<.002	<.001	0.017	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-13	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	0.012
MW-13	7-Nov-07	<.006	<.010	0.157	<.001	<.001	0.024	<.010	<.010	<.010	<.050	<.010	<.010	<.005	0.03	0.062
MW-14	31-Oct-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	0.052	<.020	<.010	<.010	<.040	<.050
MW-14	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	26-Feb-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	0.021	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	29-Apr-96	<.030	<.010	<.500	<.002	<.001	0.013	0.012	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	27-Nov-96	<.005	<.005	0.011	<.001	<.001	<.002	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-14	24-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.098
MW-14	1-Nov-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.098
MW-14	7-May-98	<.030	<.010	<.500	<.002	<.001	0.034	<.010	<.200	<.010	0.088	<.020	<.010	<.010	<.040	0.064
MW-14	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14 (dup)	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	1-Dec-99	<.030	<.010	<.500	<.002	0.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14 (dup)	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	28-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	5-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	15-Apr-03	<.030	<.010	<.500	<.002	0.0017	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-14	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-14	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	0.013	<.010	<.050	<.010	<.010	<.005	<.025	0.025

Table 2
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC Standard		0.006*	0.050	2	0.002*	0.00175	0.05	0.002*	1	0.015	0.1	0.05	0.0175	2*	0.025*	1.05
MW-15	31-Oct-95	<.030	<.010	<.500	<.002	<.001	0.012	<.010	<.200	<.010	0.064	<.020	<.010	<.010	<.040	<.050
MW-15	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	26-Feb-96	<.030	<.010	<.500	<.002	<.001	0.036	0.012	<.200	<.010	<.050	<.020	<.010	<.010	0.143	<.050
MW-15	29-Apr-96	<.030	<.010	<.500	0.005	<.001	0.196	0.052	0.503	0.034	0.094	<.020	<.010	<.010	0.410	0.240
MW-15	27-Nov-96	<.005	<.005	0.15	<.001	<.001	0.003	0.007	0.017	<.005	<.05	<.005	<.005	<.001	0.051	0.046
MW-15 (dup)	27-Nov-96	<.005	<.005	0.2	<.001	<.001	0.004	0.007	0.021	<.005	<.05	<.005	<.005	<.001	0.072	0.046
MW-15	24-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.078
MW-15 (dup)	24-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	31-Oct-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.078
MW-15	7-May-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	0.012	<.040	<.050
MW-15	23-Nov-98	<.030	<.010	<.500	<.002	0.0025	0.01	<.010	<.200	<.010	<.050	<.020	<.010	<.010	0.040	0.12
MW-15	14-Apr-99	<.030	<.010	<.500	<.002	0.0011	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.0159
MW-15	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	6-Apr-00	<.030	<.010	<.500	<.002	0.0015	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	18-Dec-00	<.030	<.010	<.500	<.002	0.0014	<.010	0.0102	<.200	<.010	<.050	<.020	<.010	<.010	0.0941	0.475
MW-15	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15 (dup)	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	28-Nov-01	<.030	<.010	<.500	<.002	0.0011	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	0.0669	0.165
MW-15	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	15-Apr-03	<.030	<.010	<.500	<.002	0.0019	0.0195	0.0169	<.200	<.010	<.050	<.020	<.010	<.010	0.0617	<.050
MW-15	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	18-Nov-04	<.030	<.010	<.500	<.002	<.001	0.06	0.025	<.200	<.010	0.052	<.020	<.010	<.010	0.142	0.09
MW-15	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15	8-Nov-06	<.030	<.010	<.500	<.002	<.001	0.011	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.061
MW-15	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-15	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	0.015	<.010	<.050	<.010	<.010	<.005	0.027	0.077
MW-15D	31-Oct-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	26-Feb-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	29-Apr-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	27-Nov-96	<.005	<.005	0.05	<.001	<.001	0.003	<.002	<.01	<.005	<.05	<.005	<.005	<.001	0.005	<.01
MW-15D	24-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.05
MW-15D	31-Oct-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	0.013	<.050	<.020	<.010	<.010	<.040	0.05
MW-15D	7-May-98	<.030	<.010	<.500	<.002	<.001	0.013	<.010	<.200	<.010	<.050	<.020	<.010	0.011	<.040	<.050
MW-15D	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	28-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-15D	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-15D	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-16	31-Oct-95	<.030	<.010	<.500	<.002	<.001	0.590	<.010	<.200	<.010	0.073	<.020	<.010	<.010	<.040	<.050
MW-16	19-Dec-95	<.030	<.010	<.500	<.002	<.001	0.204	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	26-Feb-96	<.030	<.010	<.500	<.002	<.001	0.086	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16 (dup)	26-Feb-96	<.030	<.010	<.500	<.002	<.001	0.020	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	29-Apr-96	<.030	<.010	<.500	0.003	<.001	0.040	0.017	<.200	0.037	<.050	<.020	<.010	<.010	0.065	0.051
MW-16	27-Nov-96	<.005	<.005	0.15	<.001	<.001	<.002	0.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-16	24-Apr-97	<.030	<.010	<.500	<.002	<.001	0.012	<.010	<.200	0.011	<.050	<.020	<.010	<.010	<.040	0.14
MW-16	31-Oct-97	<.030	<.010	<.500	<.002	<.001	<.010	0.01	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.045
MW-16 (dup)	31-Oct-97	<.030	<.010	<.500	<.002	<.001	0.012	0.013	<.200	0.012	<.050	<.020	<.010	<.010	<.040	0.031
MW-16	7-May-98	<.030	<.010	<.500	<.002	<.001	0.012	<.010	<.200	<.010	<.050	<.020	<.010	0.015	<.040	<.050
MW-16	23-Nov-98	<.030	<.010	<.500	<.002	0.0015	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	14-Apr-99	<.030	<.010	<.500	<.002	0.0013	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	1-Dec-99	<.030	<.010	<.500	<.002	0.0013	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	0.0133	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	28-Nov-01	<.030	0.0133	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16 (dup)	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	8-Apr-04	<.030	0.0151	<.500	<.002	<.001	<.010	0.0124	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	18-Nov-04	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
MW-16	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	8-Nov-06	<.030	0.012	<.500	<.002	<.001	0.012	0.012	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-16	18-Apr-07	<.006	<.010	0.112	<.001	<.001	<.010	<.010	0.011	<.010	<.050	<.010	<.010	<.005	<.025	0.029
MW-16	7-Nov-07	<.006	<.010	0.167	<.001	<.001	<.010	<.010	0.012	<.010	<.050	<.010	<.010	<.005	<.025	0.023

Table 2
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC Standard		0.006*	0.050	2	0.002*	0.00175	0.05	0.002*	1	0.015	0.1	0.05	0.0175	2*	0.025*	1.05
MW-17	31-Oct-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.005	<.050
MW-17	19-Dec-95	<.030	<.010	<.500	<.002	<.001	0.012	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	26-Feb-96	<.030	<.010	<.500	0.003	<.001	0.036	0.011	<.200	0.016	<.050	<.020	<.010	<.010	0.104	0.052
MW-17	29-Apr-96	<.030	<.010	<.500	<.002	<.001	0.014	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	27-Nov-96	<.005	<.005	0.023	<.001	<.001	0.003	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-17	24-Apr-97	<.030	<.010	<.500	<.002	<.001	0.02	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.056
MW-17	31-Oct-97	<.030	<.010	<.500	<.002	<.001	0.013	<.010	<.200	0.01	<.050	<.020	<.010	<.010	<.040	0.035
MW-17	11-May-98	<.030	<.010	<.500	<.002	<.001	0.011	<.010	<200	<.010	<.050	<.020	<.010	<.010	<.040	0.13
MW-17	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	29-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17 (dup)	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	10-Nov-05	<.005	<.010	<.500	<.002	<.001	0.014	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17	8-Nov-06	<.030	<.010	<.500	0.003	<.001	0.02	<.010	<.200	0.017	<.050	<.020	<.010	<.010	0.042	<.050
MW-17	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-17	7-Nov-07	<.006	<.010	0.107	0.003	<.001	0.019	<.010	0.011	0.015	<.050	<.010	<.010	<.005	0.041	0.029
MW-17D	31-Oct-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	26-Feb-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	29-Apr-96	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	27-Nov-96	<.005	<.005	0.026	<.001	<.001	0.005	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-17D	24-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	31-Oct-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.020
MW-17D	11-May-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.058
MW-17D	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	29-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.539
MW-17D	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	21-Apr-05	<.030	<.010	<.500	<.002	0.002	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	10-Nov-15	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-17D	18-Apr-07	<.006	<.010	<.100	<.001	<.001	0.021	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-17D	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-18	31-Oct-95	<.030	<.010	0.857	0.004	<.001	0.271	0.092	<.200	0.018	0.264	<.020	<.010	<.010	0.207	0.428
MW-18 (dup)	31-Oct-95	<.030	<.010	1.347	0.009	<.001	0.505	0.145	<.200	0.027	0.458	<.020	<.010	<.010	0.307	0.875
MW-18	19-Dec-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	26-Feb-96	<.030	<.010	<.500	<.002	<.001	0.067	0.038	<.200	0.012	<.050	<.020	<.010	<.010	0.107	0.150
MW-18	29-Apr-96	<.030	<.010	<.500	0.005	<.001	0.299	0.127	0.620	0.023	0.218	<.020	<.010	<.010	0.165	0.606
MW-18	27-Nov-96	<.005	<.005	0.018	<.001	<.001	<.002	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
MW-18	24-Apr-97	<.030	<.010	<.500	<.002	0.001	<.010	0.045	<.200	<.010	0.066	<.020	<.010	<.010	0.11	0.26
MW-18	31-Oct-97	<.030	<.010	<.500	<.002	<.001	0.064	0.026	<.200	<.010	<.050	<.020	<.010	<.010	0.062	0.11
MW-18	7-May-98	<.030	<.010	<.500	<.002	<.001	0.014	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	23-Nov-98	<.030	<.010	<.500	<.002	0.0012	0.013	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	14-Apr-99	<.030	<.010	<.500	<.002	0.0018	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	1-Dec-99	<.030	<.010	<.500	<.002	<.001	0.0123	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	29-Nov-01	<.030	<.010	<.500	<.002	<.001	0.0231	0.0165	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.0676
MW-18	5-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	6-Nov-02	<.030	<.010	<.500	<.002	<.001	0.0146	0.0106	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	15-Apr-03	<.030	<.010	<.500	<.002	0.0010	0.0235	0.0133	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	29-Oct-03	<.030	<.010	<.500	<.002	<.001	0.0275	0.0134	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	8-Apr-04	<.030	<.010	<.500	<.002	<.001	0.0251	0.0119	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-18	13-Apr-06	<.030	<.010	<.500	<.002	<.001	0.023	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.051
MW-18	8-Nov-06	<.030	<.010	0.598	0.003	<.001	0.047	0.019	<.200	0.017	<.050	<.020	<.010	<.010	0.056	0.244
MW-18	18-Apr-07	<.006	<.010	0.106	<.001	<.001	<.010	<.010	0.026	<.010	<.050	<.010	<.010	<.005	0.025	0.043
MW-18	7-Nov-07	<.006	<.010	0.281	0.001	<.001	0.035	0.013	0.043	<.010	<.050	<.010	<.010	<.005	0.044	0.107

Table 2
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC Standard		0.006*	0.050	2	0.002*	0.00175	0.05	0.002*	1	0.015	0.1	0.05	0.0175	2*	0.025*	1.05
MW-19	8-Mar-99	<.030	<.010	<.500	<.002	0.003	0.124	0.0285	<.200	0.0124	0.056	<.020	<.010	<.010	0.0826	0.0573
MW-19	15-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	27-May-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	20-Jul-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	4-Aug-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19 (dup)	4-Aug-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	18-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	28-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	4-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	5-Nov-02	<.030	<.010	<.500	<.002	<.001	0.0178	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	16-Apr-03	<.030	<.010	<.500	<.002	<.001	0.0294	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<0.10	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<0.10	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	18-Nov-04	<.030	<.010	<.500	<.002	<.001	0.018	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-19	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-19	7-Nov-07	<.006	<.010	<.100	<.001	<.001	0.017	<.010	0.029	<.010	<.050	<.010	<.010	<.005	<.025	0.012
MW-20	15-Apr-99	<.030	<.010	<.500	<.002	0.00012	0.0118	0.036	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.098
MW-20	27-May-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20 (dup)	27-May-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	20-Jul-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	4-Aug-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	18-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	27-Nov-01	<.010	<.010	0.179	<.010	<.010	<.010	0.0279	0.122	<.010	<.040	<.010	<.010	<.010	<.050	0.0827
MW-20	4-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	0.011	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	16-Apr-03	<.030	<.010	<.500	<.002	0.0013	0.0101	0.0191	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.0601
MW-20	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	0.01	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-20	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	0.019	<.010	<.050	<.010	<.010	<.005	<.025	0.015
MW-20	7-Nov-07	<.006	<.010	0.147	<.001	<.001	<.010	0.012	0.075	0.019	<.050	<.010	<.010	<.005	0.029	0.079
MW-21	15-Apr-99	<.030	<.010	<.500	<.002	0.004	<.010	0.0632	0.362	0.0147	0.0527	<.020	<.010	<.010	0.0565	0.347
MW-21	27-May-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	20-Jul-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	4-Aug-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	18-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	27-Nov-01	<.010	<.010	<.100	<.010	<.010	<.010	<.010	<.010	<.010	<.040	<.010	<.010	<.010	<.050	<.020
MW-21	4-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	5-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	16-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	0.016	<.200	<.010	<.050	<.020	<.010	<.010	0.049	<.050
MW-21	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-21	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-21	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	0.011
MW-25	15-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	27-May-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	20-Jul-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25 (dup)	20-Jul-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	4-Aug-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	18-Dec-00	<.030	<.010	<.500	<.002	0.0011	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	18-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	27-Nov-01	<.010	<.010	<.100	<.010	<.010	<.010	<.010	<.010	<.010	<.040	<.010	<.010	<.010	<.050	<.020
MW-25	4-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	5-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	16-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	0.01
MW-25	7-Nov-07	<.006	<.010	0.126	<.001	<.001	0.015	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	0.028

Table 2
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC Standard		0.006*	0.050	2	0.002*	0.00175	0.05	0.002*	1	0.015	0.1	0.05	0.0175	2*	0.025*	1.05
MW-25D	15-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	27-May-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	20-Jul-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	4-Aug-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	1-Dec-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	18-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	18-Apr-01	<.030	<.010	<.500	<.002	0.0039	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	27-Nov-01	<.010	<.010	<.100	<.010	<.010	<.010	<.010	0.0109	<.010	<.040	<.010	<.010	<.010	<.050	<.020
MW-25D	4-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	5-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	16-Apr-03	<.030	<.010	<.500	<.002	0.0033	0.0172	0.0212	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	8-Nov-06	<.030	<.010	<.500	<.002	<.001	0.01	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-25D	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
MW-25D	7-Nov-07	<.006	<.010	<.100	<.001	<.001	0.01	<.010	0.029	<.010	<.050	<.010	<.010	<.005	<.025	0.029
MW-26	27-May-99	<.030	<.010	<.500	<.002	0.0014	<.010	0.0306	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	20-Jul-99	<.030	<.010	<.500	<.002	<.001	<.010	0.0102	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	4-Aug-99	<.030	<.010	<.500	<.002	<.001	<.010	0.01	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26 (dup)	4-Aug-99	<.030	<.010	<.500	<.002	<.001	<.010	0.0102	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26 (dup)	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	5-Apr-00	<.030	<.010	<.500	<.002	0.0017	<.010	0.0146	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	15-Dec-00	<.030	<.010	<.500	<.002	0.0018	<.010	0.02	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	18-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	0.0109	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	27-Nov-01	<.010	<.010	<.100	<.010	<.010	<.010	0.0126	<.010	<.010	<.040	<.010	<.010	<.010	<.050	<.020
MW-26	4-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	0.0111	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	5-Nov-02	<.030	<.010	<.500	<.002	0.0016	<.010	0.0152	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26 (dup)	5-Nov-02	<.030	<.010	<.500	<.002	0.0018	<.010	0.0154	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	16-Apr-03	<.030	<.010	<.500	<.002	0.0012	<.010	0.0165	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	30-Oct-03	<.030	<.010	<.500	<.002	0.0011	<.010	0.0278	<.200	<.010	<.050	<.020	<.010	<.010	0.0405	<.050
MW-26	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	0.0117	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	18-Nov-04	<.030	<.010	<.500	<.002	<.001	0.011	0.023	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
MW-26	18-Apr-07	<.006	<.010	0.387	0.001	0.002	0.016	0.026	0.356	<.010	<.050	<.010	<.010	<.005	0.059	0.165
MW-26	7-Nov-07	<.006	<.010	<.100	<.002	<.001	<.010	<.010	0.012	<.010	<.050	<.010	<.010	<.005	<.040	<.050
SW-2	31-Oct-95	<.030	<.010	<.500	<.002	0.002	<.001	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-2	28-Nov-96	<.005	<.005	0.025	<.001	<.001	<.002	0.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	0.021
SW-2	21-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-2	11-Nov-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.020
SW-2	11-May-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-2	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-2	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-2	9-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-2	16-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-2	29-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-2	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	31-Oct-95	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	27-Nov-96	<.005	<.005	0.033	<.001	<.001	<.002	<.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	0.032
SW-3	21-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	1-Nov-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.056
SW-3	11-May-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	15-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	29-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	29-Oct-03	<.030	<.010	<.500	<.002	<.001	0.0111	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-3	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050

Table 2
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC Standard		0.006*	0.050	2	0.002*	0.00175	0.05	0.002*	1	0.015	0.1	0.05	0.0175	2*	0.025*	1.05
SW-4	31-Oct-95	<.030	<.010	<.500	<.002	<.001	0.013	0.012	<.200	0.018	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	28-Dec-96	<.005	<.005	0.013	<.001	<.001	<.002	0.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	<.01
SW-4	21-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	3-Nov-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.020
SW-4	11-May-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	23-Nov-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SW-4	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	15-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	29-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	3-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	6-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	15-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	18-Nov-04	<.030	<.010	<.500	<.002	0.001	0.011	0.015	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	10-Nov-05	<.005	<.010	<.500	<.002	0.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-4	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	0.025
SW-4	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.050
SW-5	31-Oct-95	<.030	<.010	<.500	<.002	<.001	0.012	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	27-Nov-96	<.005	<.005	0.044	<.001	<.001	<.002	0.002	<.01	<.005	<.05	<.005	<.005	<.001	<.005	0.012
SW-5	21-Apr-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	1-Nov-97	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	0.042
SW-5	11-May-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	23-Nov-98	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	14-Apr-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	6-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	15-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	17-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	29-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	3-Apr-02	<.030	<.010	<.500	<.002	0.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	6-Nov-02	<.030	<.010	<.500	<.002	0.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	15-Apr-03	<.030	<.010	<.500	<.002	0.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	29-Oct-03	<.030	<.010	<.500	<.002	0.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	8-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	21-Apr-05	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	10-Nov-05	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	13-Apr-06	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-5	18-Apr-07	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	7-Nov-07	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-6	30-Nov-99	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	5-Apr-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	15-Dec-00	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	18-Apr-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	29-Nov-01	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	4-Apr-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	5-Nov-02	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	16-Apr-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	30-Oct-03	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	7-Apr-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	0.011	<.040	<.050
SW-6	18-Nov-04	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	21-Apr-05	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	10-Nov-05	<.005	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	13-Apr-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	8-Nov-06	<.030	<.010	<.500	<.002	<.001	<.010	<.010	<.200	<.010	<.050	<.020	<.010	<.010	<.040	<.050
SW-6	18-Apr-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010
SW-6	7-Nov-07	<.006	<.010	<.100	<.001	<.001	<.010	<.010	<.010	<.010	<.050	<.010	<.010	<.005	<.025	<.010

Notes: DUP - Duplicate samples results; D - Deep well

All units are in milligrams per liter (parts per million).

* - Groundwater Protection Standard

- Concentrations exceeds N.C. Groundwater Standards (2L) or Groundwater Protection Standard

Table 3
Summary of Calculated Groundwater Flow Velocities
Novenber 7, 2007
North Wake Lined Landfill

Monitoring Well Designation	*Hydraulic Conductivity * ft/day (cm/s)*	*Gradient*	*Effective Porosity**	*Average Linear Velocity (ft/day)*	*General Flow Direction*
MW-11	5.66 (2.00E-03)	0.0213	0.13	9.27E-01	NE
MW-11D	0.509 (1.80E-04)	0.0213	0.05	2.17E-01	NE
MW-12	0.486 (1.71E-04)	0.0263	0.13	9.83E-02	NNE
MW-12D	5.24 (1.85E-03)	0.0263	0.05	2.76E+00	NNE
MW-13	1.02 (3.60E-04)	0.0250	0.13	1.96E-01	NNE
MW-14	2.05 (7.23E-04)	0.0313	0.13	4.94E-01	NE
MW-15	2.54 (8.96E-04)	0.0345	0.25	3.51E-01	ENE
MW-15D	1.33 (4.69E-04)	0.0345	0.05	9.18E-01	ENE
MW-16	0.00967 (3.41E-06)	0.0455	0.05	8.80E-03	NNE
MW-17	1.18 (4.16E-04)	0.0313	0.18	2.05E-01	NE
MW-17D	0.367 (1.29E-04)	0.0313	0.05	2.30E-01	NE
MW-18	6.86 (2.42E-03)	0.0435	0.13	2.30E+00	NNE
MW-19	1.40 (4.92E-04)	0.0233	0.08	4.08E-01	NNE
MW-20	0.58 (2.06E-04)	0.0308	0.13	1.37E-01	ENE
MW-21	1.34 (4.73E-04)	0.0211	0.13	2.17E-01	NE
MW-25	1.40 (4.96E-04)	0.0211	0.15	1.97E-01	NE
MW-25D	0.02 (8.04E-06)	0.0211	0.15	2.81E-03	NE
MW-26	0.72 (2.54E-04)	0.0308	0.13	1.71E-01	ENE

* Hydraulic Conductivity and Effective Porosity obtained from April 2004 Semi-Annual Monitoring Report Prepared for Wake County by CDM

NOTES:

1 TOPOGRAPHIC INFORMATION FOR CLOSED MSW LANDFILL OBTAINED FROM "COMPREHENSIVE SITE PLAN NORTH WAKE LINED LANDFILL, NEUSE TOWNSHIP, WAKE COUNTY, NORTH CAROLINA" PREPARED BY TAYLOR, WEISMAN AND TAYLOR, CARY, N.C., DATED FEBUARY 21, 2005.

2 COORDINATES AND ELEVATIONS FOR GROUNDWATER MONITORING WELLS OBTAINED FROM "COMPREHENSIVE SITE PLAN NORTH WAKE LINED LANDFILL, NEUSE TOWNSHIP, WAKE COUNTY, NORTH CAROLINA" PREPARED BY TAYLOR, WEISMAN AND TAYLOR, CARY, N.C., DATED FEBUARY 21, 2005.

3 FOR GROUNDWATER WELL LOCATIONS AND SURVEY DATA, SEE DRAWINGS GW-1 FOR NORTH WAKE UNLINED LANDFILL.

GROUNDWATER MONITORING WELL TABLE

WELL DESIGNATION	NORTHING	EASTING	TOP OF CASING ELEVATION	GROUND ELEVATION
MW-CD-1	786056.76	2123435.38	296.19'	293.15'
MW-CD-2	786515.30	2123758.57	282.56'	280.20'
MW-CD-3	786453.70	2123368.79	301.33'	298.90'
MW-1	786333.93	2122923.54	333.68'	330.94'
MW-4	786604.24	2126044.40	226.18'	226.85'
MW-11	784849.07	2123634.42	342.96'	340.55'
MW-11D	784855.44	2123635.84	343.01'	340.40'
MW-12	786403.72	2124969.57	260.76'	258.30'
MW-12D	786403.90	2124973.69	260.82'	258.30'
MW-13	786359.55	2125313.51	270.06'	267.55'
MW-14	786333.89	2125613.00	270.05'	267.60'
MW-15	786532.52	2126066.34	238.67'	236.35'
MW-15D	786534.63	2126061.05	238.75'	236.30'
MW-16	785988.35	2126163.82	266.56'	262.82'
MW-17	785641.25	2125816.11	273.68'	271.10'
MW-17D	785645.21	2125819.36	273.41'	271.00'
MW-18	785085.37	2125470.00	282.35'	279.90'
MW-19	786456.16	2124623.58	283.79'	281.00'
MW-20	786465.49	2124233.80	290.94'	287.20'
MW-21	786040.69	2123711.99	308.77'	305.25'
MW-25	785775.18	2123315.78	294.33'	291.45'
MW-25D	785779.93	2123327.76	293.91'	291.50'
MW-26	786476.65	2123970.24	275.37'	272.45'
MW-X (UNUSED)	784455.43	2123452.77	357.01'	356.30'

LEGEND

MW-12 — DENOTES GROUNDWATER MONITORING WELL LOCATION AND IDENTIFYING NUMBER.

SW-2 — DENOTES SURFACE WATER SAMPLING LOCATION

1"=200'-0" 200 100 0 200'

NO.	ISSUED FOR	DATE	BY
7	NOVEMBER 7, 2007 SAMPLING EVENT	2/08	JAB
6	APRIL 18, 2007 SAMPLING EVENT	6/07	JAB
5	NOV. 08, 2006 SAMPLING EVENT	2/07	JAB
4	APRIL 13, 2006 SAMPLING EVENT	7/06	JAB
3	NOVEMBER 10,2005 SAMPLING EVENT	2/06	JAB
2	APRIL 21, 2005 SAMPLING EVENT	7/05	JAB
1	NOV.18, 2004 SAMPLING EVENT	3/05	JAB

DESIGNED JAB
DRAWN PWS
CHECKED
PROJ. ENGR. JAB
APPROVED

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WAKE COUNTY SOLID WASTE MANAGEMENT DIVISION

NORTH WAKE LINED LANDFILL
NEUSE TWP WAKE COUNTY, NORTH CAROLINA

LINED MSW AND C&DD LANDFILL
MONITORING WELL LOCATION PLAN

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.

DATE MARCH 2005
H & S JOB NUMBER 30547
CONTRACT NUMBER
DRAWING NUMBER GW2
H&S FLAT FILE NO. .

PLOT DATE 02/23/07 2:16pm FILE= H:\30547\northwake\GEN\gw002_11-08-06 by ENG XREFs=northwake\00\SP-TP-NORTHWAKE, misc\30547TB_NORTHWAKE_Lined, northwake\00\SP-MONWELL-NORTHWAKE_2005C,

NOTES:

1. TOPOGRAPHIC INFORMATION FOR CLOSED MSW LANDFILL OBTAINED FROM "COMPREHENSIVE SITE PLAN NORTH WAKE LINED LANDFILL, NEUSE TOWNSHIP, WAKE COUNTY, NORTH CAROLINA" PREPARED BY TAYLOR, WEISMAN AND TAYLOR, CARY, N.C., DATED FEBUARY 21, 2005.
2. COORDINATES AND ELEVATIONS FOR GROUNDWATER MONITORING WELLS OBTAINED FROM "COMPREHENSIVE SITE PLAN NORTH WAKE LINED LANDFILL, NEUSE TOWNSHIP, WAKE COUNTY, NORTH CAROLINA" PREPARED BY TAYLOR, WEISMAN AND TAYLOR, CARY, N.C., DATED FEBUARY 21, 2005.
3. FOR GROUNDWATER WELL LOCATIONS AND SURVEY DATA FOR NORTH WAKE UNLINED LANDFILL, SEE DRAWINGS GW-1.
4. FOR POTENTIOMETRIC SURFACE MAP FOR NORTH WAKE UNLINED LANDFILL, SEE DRAWING GW-3.

GROUNDWATER MONITORING WELL DATA

MONITORING WELL	TOC ELEVATION (AMSL)	GROUNDWATER ELEVATION NOV 7, 2007
MW-11**	342.96	298.86
MW-11 D**	343.01	298.66
MW-12	260.76	243.74
MW-12D	260.82	242.78
MW-13	270.06	247.16
MW-14	270.05	225.89
MW-15	238.67	219.86
MW-15D	238.75	219.75
MW-16	266.56	230.53
MW-17	273.68	240.77
MW-17D	273.41	239.91
MW-18	282.35	262.34
MW-19	283.79	245.75
MW-20	290.94	260.12
MW-21	308.77	276.48
MW-25	294.33	283.12
MW-25d	293.91	282.78
MW-26	275.37	265.93
MW-1	333.80	286.93
CD-1	296.26	280.98
CD-2	282.64	270.60
CD-3	301.49	279.33

NS – NOT SAMPLED

LEGEND

MW-12 298.7 — DENOTES GROUNDWATER MONITORING WELL LOCATION, IDENTIFYING NUMBER AND MEASURED GROUNDWATER ELEVATION ON REFERENCED DATE

MW-28 NS — DENOTES GROUNDWATER MONITORING WELL LOCATION, IDENTIFYING NUMBER THAT WAS NOT SAMPLED ON REFERENCED DATE

DENOTES GENERAL GROUNDWATER FLOW DIRECTION

1"=200'-0" 200 100 0 200'

NO.	ISSUED FOR	DATE	BY
7	NOVEMBER 7, 2007 SAMPLING EVENT	2/08	JAB
6	APRIL 18, 2007 SAMPLING EVENT	6/07	JAB
5	NOV. 08, 2006 SAMPLING EVENT	2/07	JAB
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WAKE COUNTY SOLID WASTE MANAGEMENT DIVISION

NORTH WAKE LINED LANDFILL
NEUSE TWP WAKE COUNTY, NORTH CAROLINA

POTENTIOMETRIC SURFACE MAP
NOVEMBER 7, 2007

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.

DATE MARCH 2005
H & S JOB NUMBER 30547
CONTRACT NUMBER
DRAWING NUMBER GW4
H&S FLAT FILE NO. .

PLOT DATE 02/23/07 11:39am FILE= H:\30547\northwake\GEN\gw004_11-08-06 by ENG XREFS=northwake\00\SP-TP-NORTHWAKE, misc\30547TB_NORTHWAKE_Lined, northwake\00\SP-potent-11-08-06-lined,