HAZEN AND SAWYER
Environmental Engineers & Scientists

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April 11, 2008

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

Re: Wake County North Wake Unlined 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 Unlined Landfill conducted on **November 9, 2006**. For this, the second of the 2007 sampling events, a total of 22 groundwater monitoring wells was sampled and tested for **Appendix II** constituents as required for facilities in Assessment Monitoring.

As you are aware, MW-27, located north east of the landfill in the City of Raleigh sewer easement was damaged and not sampled. This well will be abandoned once a location for a suitable replacement well is established.

In addition to the monitoring wells, two surface water monitoring points were sampled and tested. The following monitoring wells and surface water monitoring locations were sampled on November 9, 2007 and subsequently tested in the laboratory by Environment 1, Incorporated as a sub-consultant to Hazen and Sawyer:

MW-5, MW-6, MW-6D, MW-7, MW-8, MW-8D,
MW-9, MW-10, MW-10D, MW-11, MW-11D
MW-22, MW-23, MW-23D, MW-24, MW-29D,
MW-30, MW-31, MW-31D, MW-32, TB-1A
TB-1AD,
SW-2, and SW-3,

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.

The following seven wells were also tested for Natural Attenuation parameters (in addition to the Appendix I constituents) outside of the prescribed Assessment Monitoring testing program:

MW-5, MW-6, MW-8, MW-9, MW-10, MW-24, and TB-1A

Locations for each of these wells are provided on the attached "Unlined MSW Landfill Monitoring Well Location Plan," Drawing GW-1, 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 9, 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. Historic groundwater elevations for each well are presented in Table 1. These elevations are based upon the 2005 TWT survey data. 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 presented in Table 3.

Summary of Groundwater and Surface Water Testing

All of the groundwater monitoring wells were analyzed for Appendix II constituents. A summary of the detected parameters is provided below. Parameters listed below represent constituents that were above laboratory detection limits. Concentrations that exceed State Groundwater Quality Standards (15A NCAC 02L.0202) are highlighted.

Summaries of all laboratory results for Metals and for Volatile Organic Compounds are provided on Tables 4a and 4b, respectively. Detected Appendix II constituents for VOC's, Semi-Volatile compounds, and Pesticides/Herbicides and PCB compounds are shown in Tables 5a, 5b, and 5c, respectively. 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-5

Metals:	Barium
Volatile Organic Compounds:	**Benzene**, Chlorobenzene, Cis-1,2-Dichloroethene, **1,4-Dichlorobenzene**, Trichloroethene, **Vinyl Chloride**
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-6

Metals:	Barium, **Cobalt**
Volatile Organic Compounds:	**Benzene**, **1,4-Dichlorobenzene**, **Vinyl Chloride**
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	**Beta-BHC**, **Dieldrin**

MW-6D

Metals:	None Detected
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-7

Metals:	Cadmium, Chromium, **Cobalt**, Copper, Zinc
Volatile Organic Compounds:	**Benzene**, **1,4-Dichlorobenzene**, Cis-1,2-Dichloroethene, **Vinyl Chloride**
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-8

Metals:	Zinc
Volatile Organic Compounds:	Cis-1,2-Dichloroethene
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-8D

Metals:	Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-9

Metals:	Barium, Zinc
Volatile Organic Compounds:	**Benzene**, **1,4-Dichlorobenzene**, Cis-1,2-Dichloroethene, 1,1-Dichloroethane, **1,2-Dichloroethane**, Trichloroethene, **Vinyl Chloride**
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	**Beta-BHC**

MW-10

Metals:	Barium
Volatile Organic Compounds:	Methylene Chloride, **Tetrachloroethene**
Semi-Volatile Compounds:	Bis-(2-Ethylhexyl) Phthalate
Pesticides/Herbicides/PCBs:	None Detected

MW-10D

Metals:	Cadmium
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	Bis-(2-Ethylhexyl) Phthalate
Pesticides/Herbicides/PCBs:	None Detected

MW-11 (Background)

Metals:	Barium, **Beryllium**, Copper, Lead, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-11D (Background, Deep)

Metals:	Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-22

Metals:	**Cadmium**, **Cobalt**, Lead, Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-23

Metals:	Barium, Beryllium, Copper, **Lead**, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-23D

Metals:	Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-24

Metals:	Barium, **Beryllium**, Chromium, Copper, **Lead**, Mercury, Zinc
Volatile Organic Compounds:	Chloroform
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-32

Metals:	Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

TB-1A

Metals:	**Cadmium**, Copper, Zinc
Volatile Organic Compounds:	Bromodichloromethane, Chloroform
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

TB-1AD

Metals:	None Detected
Volatile Organic Compounds:	Chloroform
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-29D

Metals:	Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-30

Metals:	Barium, **Beryllium**, **Chromium**, Copper, **Lead**, Nickel, **Vanadium**, Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-31

Metals:	Beryllium, Chromium, Copper, **Lead**, Mercury, **Vanadium**, Zinc
Volatile Organic Compounds:	Chloroform
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

MW-31D

Metals:	None Detected
Volatile Organic Compounds:	Chloroform
Semi-Volatile Compounds:	None Detected
Pesticides/Herbicides/PCBs:	None Detected

Surface Water SW-2

Metals:	None Detected
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	Not Tested
Pesticides/Herbicides/PCBs:	Not Tested

Surface Water SW-3

Metals:	Cadmium, Zinc
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	Not Tested
Pesticides/Herbicides/PCBs:	Not Tested

Trip Blanks

Metals:	Not Tested
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	Not Tested
Pesticides/Herbicides/PCBs:	Not Tested

Equipment Blanks

Metals:	Not Tested
Volatile Organic Compounds:	None Detected
Semi-Volatile Compounds:	Not Tested
Pesticides/Herbicides/PCBs:	Not Tested

Data Analyses and Trends

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 Unlined 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.

1. Metals

Concentrations in excess of the Groundwater Quality Standards were recorded for *Cobalt* in three monitoring wells (MW-6, 7, and 22). Exceedances for Cobalt have occurred in all these wells on previous occasions. Concentrations in excess of the Groundwater Quality Standards were recorded for *Cadmium* in monitoring well MW-22 and TB-1A. This constituent has been detected at similar concentrations in well MW-22 and at similar and higher concentrations in well TB-1A in past sampling events.

Concentrations in excess of the Groundwater Quality Standards were recorded for *Beryllium* in three monitoring wells (MW-11, 24, and 30). This constituent has been detected previously in wells MW-24 and MW-30 at similar concentrations but only once for background well MW-11 in 1995 at a higher concentration.

Concentrations in excess of the Groundwater Quality Standards were recorded for *Lead* and *Vanadium* in four monitoring wells each, (MW-23, 24, 30, and 31) and (MW-11, 23, 30, and 31), respectively, with concentrations similar to past sampling events for both constituents. Concentrations in excess of the Groundwater Quality Standards were recorded for *Chromium* in monitoring well MW-30. Exceedances for *Chromium* have been recorded in the past for this well.

2. Volatile Organic Compounds

Concentrations in excess of the State Groundwater Quality Standards were recorded for *Benzene, 1,4-Dichlorobenzene,* and *Vinyl Chloride* in four monitoring wells (MW-5, 6, 7, and 9). *1,4-Dichlorobenzene* has never been reported in wells MW-6 and MW-7, while *Vinyl Chloride* has never been reported for well MW-6 and only once in 1994 for well MW-5. *1,2-Dichloroethane* was found with a concentration in excess of the State Groundwater Quality Standards for well MW-9 which has never occurred in past sampling events. Concentrations in excess of the State Groundwater Quality Standards were recorded for *Tetrachloroethene* in monitoring well MW-10. This constituent has been detected in the past at higher concentrations.

3. Semi Volatile Compounds

A complete Appendix II parameter list was tested for the November 2007 sampling event. *Bis-(2-Ethylhexyl)-Phthalate* was detected in monitoring wells MW-10 and MW-10D, but no groundwater standard has been established for this compound.

4. Pesticides/Herbicides/PCB's

All Appendix II pesticides/herbicides/PCB's were tested in the November 2007 sampling event. *Beta-BHC* was detected in excess of the Groundwater Quality Standards for this sampling event in monitoring wells MW-6 and MW-9. *Beta-BHC* has been reported in the past in both wells at higher concentrations. *Dieldrin* was also found in excess of Groundwater Quality Standards for well MW-6. This constituent has been reported in the past in well MW-6 at higher concentrations. Pesticides/insecticides detected are shown on Table 5c.

Groundwater Flow Rate and Direction

Groundwater depths were recorded during sampling at each well. Using the 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 9, 2007", Drawing GW-3. Groundwater elevation data were used to form a series of contours illustrating groundwater elevations and flow directions on Drawing GW-3.

Groundwater in the landfill area flows generally to the east, 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 for the November 9, 2007 data. Average flow velocity and flow direction in the vicinity of each well was computed using the hydraulic gradient at each well as well as 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 2.

Statistical Analyses

Statistical analyses were performed using available data for all the groundwater monitoring wells that were sampled and for all Appendix II chemical constituents tested in the lab. Field-measured parameters were not statistically analyzed, including conductivity, pH, temperature, static water level, and well depth. Available data from 1994 up to this November 2007 sampling event were used in these analyses. Non-detects were replaced with a value equal to the detection limit for each constituent for the purposes of the statistical analysis.

A one-way parametric analysis of variance (ANOVA) was performed for each constituent to estimate and contrast each compliance well's mean level with the background well(s) mean level. The ANOVA was performed using the ChemStat® environmental data statistical analysis package, provided by Starpoint Software, Inc. Tables 6a, 6b, and 6c show constituents that are statistically significant for a specific well according to the statistical analysis of data for the period between 1994 and November 2007 for metals, organics, and pesticides/herbicides, respectively.

The detailed results of the ANOVA analyses are maintained in the project files. This test does not compare detections in a given well over time but solely with respect to the background wells. A comparison between statistical analyses from April 2007 and November (conducted with data from 1994 to November 2007) shows a few metals that are no longer statistically significant when compared to analyses conducted in April 2007. The November 2007 analyses concluded that additional metal constituents were considered statistically significant when compared with previous analyses. A complete list of constituents that are statistically significant for both statistical analyses is shown on Tables 6a through 6c.

The sealed Environmental Monitoring Report Form and summary of detected constituents immediately follow this report.

A data CD for all three of the North Wake landfills is provided as an enclosure to the North Wake Lined Landfill November 2007 Semi-Annual Sampling Report provided under separate cover. The data CD provides raw laboratory data for this sampling event. A copy of the report, including all of the tables, in Portable Document Format (PDF) is also included on the CD. One copy of this report 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

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 Unlined Landfill	9004 Deponie Drive Raleigh, NC 27615	92-09	.0500	November 8-9, 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. — Facility Representative Name (Print)

Associate — Title

(919) 833-7152 — (Area Code) Telephone Number

Signature — Date: 4/11/08

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL SEAL 19391 ENGINEER JOHN A. BOVE

Revised 01/2007

Facility Name: North Wake Unlined Landfill
Monitoring Event Date: 11/08/2007 - 11/09/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-5	7440-38-2	14	Arsenic	0.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7440-39-3	15	Barium	164	ug/L		1	11/09/2007		11/19/2007
92-09	MW-5	7440-43-9	34	Cadmium	0.1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7440-48-4	53	Cobalt	6.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7440-50-8	54	Copper	0.7	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7439-92-1	131	Lead	0.1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7440-02-0	152	Nickel	1.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7782-49-2	183	Selenium	1.7	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7440-31-5	195	Tin	0.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7440-62-2	209	Vanadium	0.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	7440-66-6	213	Zinc	4.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-5	71-43-2	16	Benzene	4.9	ug/L		1	11/09/2007		11/16/2007
92-09	MW-5	108-90-7	39	Chlorobenzene	5.9	ug/L		1	11/09/2007		11/16/2007
92-09	MW-5	75-00-3	41	Chloroethane	3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-5	106-46-7	71	1,4-Dichlorobenzene	8.8	ug/L		1	11/09/2007		11/16/2007
92-09	MW-5	75-71-8	74	Dichlorodifluoromethane	0.4	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-5	75-34-3	75	1,1-Dichloroethane	3.7	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-5	107-06-2	76	1,2-Dichloroethane	0.6	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-5	156-59-2	78	Cis-1,2-Dichloroethene	20.5	ug/L		1	11/09/2007		11/16/2007
92-09	MW-5	156-60-5	79	trans-1,2-Dichloroethene	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-5	91-20-3	148	Naphthalene	1	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-5	108-88-3	196	Toluene	0.4	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-5	79-01-6	201	Trichloroethene	2.6	ug/L		1	11/09/2007		11/16/2007
92-09	MW-5	75-01-4	211	Vinyl Chloride	13	ug/L		1	11/09/2007		11/16/2007
92-09	MW-5	319-86-8	26	Delta-BHC	0.045	ug/L	J	1	11/09/2007	11/13/2007	11/20/2007
92-09	MW-5	58-89-9	27	Gamma-BHC (Lindane)	0.037	ug/L	J	1	11/09/2007	11/13/2007	11/20/2007
92-09	MW-6	7440-36-0	13	Antimony	0.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7440-38-2	14	Arsenic	1.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7440-39-3	15	Barium	701	ug/L		1	11/09/2007		11/19/2007
92-09	MW-6	7440-41-7	23	Beryllium	0.1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7440-43-9	34	Cadmium	0.5	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7440-48-4	53	Cobalt	61	ug/L		1	11/09/2007		11/19/2007
92-09	MW-6	7440-50-8	54	Copper	5.7	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7439-97-6	132	Mercury	0.1	ug/L	J	1	11/09/2007		11/19/2007

Facility Name: North Wake Unlined Landfill
Monitoring Event Date: 11/08/2007 - 11/09/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-6	7440-02-0	152	Nickel	13.3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7782-49-2	183	Selenium	2.8	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7440-28-0	194	Thallium	0.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7440-31-5	195	Tin	1.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7440-62-2	209	Vanadium	1.8	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	7440-66-6	213	Zinc	7.7	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-6	67-64-1	3	Acetone	1.4	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	71-43-2	16	Benzene	3.3	ug/L		1	11/09/2007		11/16/2007
92-09	MW-6	108-90-7	39	Chlorobenzene	1.8	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	75-00-3	41	Chloroethane	5.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	106-46-7	71	1,4-Dichlorobenzene	7.4	ug/L		1	11/09/2007		11/16/2007
92-09	MW-6	75-71-8	74	Dichlorodifluoromethane	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	75-34-3	75	1,1-Dichloroethane	1.7	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	156-59-2	78	Cis-1,2-Dichloroethene	1.6	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	75-09-2	140	Methylene Chloride	0.4	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	91-20-3	148	Naphthalene	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	108-88-3	196	Toluene	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	79-00-5	202	1,1,2-Trichloroethane	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	79-01-6	201	Trichloroethene	0.9	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-6	75-01-4	211	Vinyl Chloride	3.4	ug/L		1	11/09/2007		11/16/2007
92-09	MW-6	319-85-7	25	Beta-BHC	0.062	ug/L		1	11/09/2007	11/13/2007	11/20/2007
92-09	MW-6	50-29-3	62	4,4-DDT	0.073	ug/L	J	1	11/09/2007	11/13/2007	11/20/2007
92-09	MW-6	60-57-1	88	Dieldrin	0.094	ug/L		1	11/09/2007	11/13/2007	11/20/2007
92-09	MW-6	93-72-1	185	2,4,5-TP	1.01	ug/L	J	1	11/09/2007	11/15/2007	11/17/2007
92-09	MW-6D	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-39-3	15	Barium	56.7	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-41-7	23	Beryllium	0.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-43-9	34	Cadmium	0.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-47-3	51	Chromium	2.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-48-4	53	Cobalt	0.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-50-8	54	Copper	1.9	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7439-97-6	132	Lead	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-02-0	152	Mercury	0.09	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7782-49-2	183	Nickel	1.8	ug/L	J	1	11/08/2007		11/16/2007

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92-09	MW-6D	7440-28-0	194	Thallium	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-31-5	195	Tin	1.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-62-2	209	Vanadium	3.7	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	7440-66-6	213	Zinc	4.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	67-66-3	44	Chloroform	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	75-71-8	74	Dichlorodifluoromethane	2.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	75-34-3	75	1,1-Dichloroethane	3.8	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	156-59-2	78	Cis-1,2-Dichloroethene	0.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	75-09-2	140	Methylene Chloride	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	127-18-4	192	Tetrachloroethene	0.8	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	79-01-6	201	Tricloroethene	0.7	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-6D	75-69-4	203	Trichlorofluoromethane	0.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-38-2	14	Arsenic	0.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-39-3	15	Barium	72.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-41-7	23	Beryllium	0.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-43-9	34	Cadmium	1	ug/L		1	11/08/2007		11/16/2007
92-09	MW-7	7440-47-3	51	Chromium	11	ug/L		1	11/08/2007		11/16/2007
92-09	MW-7	7440-48-4	53	Cobalt	14	ug/L		1	11/08/2007		11/16/2007
92-09	MW-7	7440-50-8	54	Copper	13	ug/L		1	11/08/2007		11/16/2007
92-09	MW-7	7439-92-1	131	Lead	2.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7439-97-6	132	Mercury	0.12	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-02-0	152	Nickel	10.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7782-49-2	183	Selenium	1.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-31-5	195	Tin	2.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-62-2	209	Vanadium	11.9	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	7440-66-6	213	Zinc	20	ug/L		1	11/08/2007		11/16/2007
92-09	MW-7	67-64-1	3	Acetone	1.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	71-43-2	16	Benzene	3.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	108-90-7	39	Chlorobenzene	0.5	ug/L		1	11/08/2007		11/16/2007
92-09	MW-7	75-00-3	41	Chloroethane	1.9	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	74-87-3	137	Chloroemethane	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	95-50-1	69	1,2-Dichlorobenzene	0.5	ug/L	J	1	11/08/2007		11/16/2007

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92-09	MW-7	106-46-7	71	1,4-Dichlorobenzene	2.7	ug/L		1	11/08/2007		11/16/2007
92-09	MW-7	75-71-8	74	Dichlorodifluoromethane	0.8	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	75-34-3	75	1,1-Dichloroethane	1.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	156-59-2	78	Cis-1,2-Dichloroethene	22.3	ug/L		1	11/08/2007		11/16/2007
92-09	MW-7	156-60-5	79	trans-1,2-Dichloroethene	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	75-09-2	140	Methylene Chloride	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	108-88-3	196	Toluene	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	79-01-6	201	Trichloroethene	0.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-7	75-01-4	211	Vinyl Chloride	7.7	ug/L		1	11/08/2007		11/16/2007
92-09	MW-8	7440-39-3	15	Barium	63.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-41-7	23	Beryllium	0.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-43-9	34	Cadmium	0.3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-47-3	51	Chromium	8.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-48-4	53	Cobalt	1.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-50-8	54	Copper	3.5	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7439-92-1	131	Lead	1.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7439-97-6	132	Mercury	0.12	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-02-0	152	Nickel	4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-31-5	195	Tin	0.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-62-2	209	Vanadium	8.9	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-8	7440-66-6	213	Zinc	15	ug/L		1	11/09/2007		11/19/2007
92-09	MW-8	67-66-3	44	Chloroform	0.4	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-8	75-71-8	74	Dichlorodifluoromethane	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-8	75-34-3	75	1,1-Dichloroethane	0.7	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-8	156-59-2	78	Cis-1,2-Dichloroethene	18.9	ug/L		1	11/09/2007		11/16/2007
92-09	MW-8	75-09-2	140	Methylene Chloride	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-8	127-18-4	192	Tetrachloroethene	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-8	79-01-6	201	Trichloroethene	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-8D	7440-36-0	13	Antimony	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	7440-39-3	15	Barium	15.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	7440-43-9	34	Cadmium	0.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	7440-47-3	51	Chromium	2.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	7440-50-8	54	Copper	0.9	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	7439-92-1	131	Lead	0.1	ug/L	J	1	11/08/2007		11/16/2007

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92-09	MW-8D	7440-31-5	195	Tin	0.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	7440-62-2	209	Vanadium	3.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	7440-66-6	213	Zinc	11	ug/L		1	11/08/2007		11/16/2007
92-09	MW-8D	67-66-3	44	Chloroform	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	74-87-3	137	Chloromethane	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-8D	75-34-3	75	1,1-Dichloroethane	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-9	7440-36-0	13	Antimony	0.5	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-38-2	14	Arsenic	0.5	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-39-3	15	Barium	186	ug/L		1	11/09/2007		11/19/2007
92-09	MW-9	7440-41-7	23	Beryllium	0.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-43-9	34	Cadmium	0.3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-47-3	51	Chromium	3.7	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-48-4	53	Cobalt	4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-50-8	54	Copper	3.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7439-92-1	131	Lead	3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-02-0	152	Nickel	2.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7782-49-2	183	Selenium	1.8	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-28-0	194	Thallium	0.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-31-5	195	Tin	1.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-62-2	209	Vanadium	5	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-9	7440-66-6	213	Zinc	16	ug/L		1	11/09/2007		11/19/2007
92-09	MW-9	71-43-2	16	Benzene	1.6	ug/L		1	11/09/2007		11/16/2007
92-09	MW-9	108-90-7	39	Chlorobenzene	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	75-00-3	41	Chloroethane	2.7	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	106-46-7	71	1,4-Dichlorobenzene	7.4	ug/L		1	11/09/2007		11/16/2007
92-09	MW-9	75-71-8	74	Dichlorodifluoromethane	0.7	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	75-34-3	75	1,1-Dichloroethane	28.9	ug/L		1	11/09/2007		11/16/2007
92-09	MW-9	107-06-2	76	1,2-Dichloroethane	1	ug/L		1	11/09/2007		11/16/2007
92-09	MW-9	75-35-4	77	1,1-Dichloroethene	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	78-87-5	82	1,2-Dichloropropane	0.8	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	100-41-4	110	Ethylbenzene	0.5	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	75-09-2	140	Methylene Chloride	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	91-20-3	148	Naphthalene	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	156-59-2	78	Cis-1,2-Dichloroethene	5.8	ug/L		1	11/09/2007		11/16/2007

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92-09	MW-9	156-60-5	79	trans-1,2-Dichloroethene	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	10061-02-6	87	trans-1,3-Dichloropropene	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	79-01-6	201	Trichloroethene	1.1	ug/L		1	11/09/2007		11/16/2007
92-09	MW-9	108-88-3	196	Toluene	0.4	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-9	75-01-4	211	Vinyl Chloride	26.4	ug/L		1	11/09/2007		11/16/2007
92-09	MW-9	319-85-7	25	Beta-BHC	0.06	ug/L		1	11/09/2007	11/13/2007	11/14/2007
92-09	MW-10	7440-36-0	13	Antimony	0.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7440-39-3	15	Barium	399	ug/L		1	11/09/2007		11/19/2007
92-09	MW-10	7440-41-7	23	Beryllium	0.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7440-43-9	34	Cadmium	0.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7440-48-4	53	Cobalt	0.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7440-50-8	54	Copper	2.3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7439-92-1	131	Lead	0.3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7439-97-6	132	Mercury	0.18	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7440-02-0	152	Nickel	1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7782-49-2	183	Selenium	1.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7440-31-5	195	Tin	1.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7440-62-2	209	Vanadium	1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	7440-66-6	213	Zinc	7.6	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-10	71-43-2	16	Benzene	0.4	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-10	106-46-7	71	1,4-Dichlorobenzene	0.4	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-10	75-71-8	74	Dichlorodifluoromethane	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-10	75-34-3	75	1,1-Dichloroethane	3.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-10	156-59-2	78	Cis-1,2-Dichloroethene	2.6	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-10	75-09-2	140	Methylene Chloride	1	ug/L		1	11/09/2007		11/16/2007
92-09	MW-10	127-18-4	192	Tetrachloroethene	1.3	ug/L		1	11/09/2007		11/16/2007
92-09	MW-10	79-01-6	201	Trichloroethene	0.7	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-10	117-81-7	111	Bis-(2-Ethylhexyl) Phthalate	21	ug/L		1	11/09/2007	11/14/2007	11/14/2007
92-09	MW-10D	7440-36-0	13	Antimony	0.8	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	7440-38-2	14	Arsenic	0.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	7440-39-3	15	Barium	2.7	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	7440-43-9	34	Cadmium	1	ug/L		1	11/08/2007		11/16/2007
92-09	MW-10D	7440-50-8	54	Copper	4.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	7439-92-1	131	Lead	0.5	ug/L	J	1	11/08/2007		11/16/2007

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92-09	MW-10D	7782-49-2	183	Selenium	2.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	7440-31-5	195	Tin	1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	7440-62-2	209	Vanadium	1.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	7440-66-6	213	Zinc	8.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	67-66-3	44	Chloroform	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	74-87-3	137	Chloromethane	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	75-71-8	74	Dichlorodifluoromethane	0.9	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	75-34-3	75	1,1-Dichloroethane	2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	156-59-2	78	Cis-1,2-Dichloroethene	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	75-09-2	140	Methylene Chloride	0.7	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	127-18-4	192	Tetrachloroethene	0.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	79-01-6	201	Trichloroethene	0.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	75-69-4	203	Trichlorofluoromethane	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-10D	117-81-7	111	Bis-(2-Ethylhexyl) Phthalate	20	ug/L		1	11/08/2007	11/14/2007	11/14/2007
92-09	MW-11	7440-39-3	15	Barium	332	ug/L		1	11/08/2007		11/19/2007
92-09	MW-11	7440-41-7	23	Beryllium	2.1	ug/L		1	11/08/2007		11/19/2007
92-09	MW-11	7440-43-9	34	Cadmium	0.7	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11	7440-47-3	51	Chromium	3.8	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11	7440-48-4	53	Cobalt	7.6	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11	7440-50-8	54	Copper	39	ug/L		1	11/08/2007		11/19/2007
92-09	MW-11	7439-92-1	131	Lead	12	ug/L		1	11/08/2007		11/19/2007
92-09	MW-11	7440-02-0	152	Nickel	3.6	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11	7782-49-2	183	Selenium	0.6	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11	7440-28-0	194	Thallium	0.3	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11	7440-31-5	195	Tin	1.1	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11	7440-62-2	209	Vanadium	58	ug/L		1	11/08/2007		11/19/2007
92-09	MW-11	7440-66-6	213	Zinc	113	ug/L		1	11/08/2007		11/19/2007
92-09	MW-11	74-87-3	137	Chloromethane	0.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-11D	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-39-3	15	Barium	68.5	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-41-7	23	Beryllium	0.4	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-43-9	34	Cadmium	0.1	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-47-3	51	Chromium	2.4	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-48-4	53	Cobalt	2.4	ug/L	J	1	11/08/2007		11/19/2007

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92-09	MW-11D	7440-50-8	54	Copper	8.7	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7439-92-1	131	Lead	1.9	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-02-0	152	Nickel	1.4	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-31-5	195	Tin	0.8	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-62-2	209	Vanadium	14.5	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-11D	7440-66-6	213	Zinc	16	ug/L		1	11/08/2007		11/19/2007
92-09	MW-11D	67-66-3	44	Chloroform	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-11D	74-87-3	137	Chloromethane	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-22	7440-39-3	15	Barium	61.4	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7440-41-7	23	Beryllium	0.8	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7440-43-9	34	Cadmium	2.8	ug/L		1	11/08/2007		11/19/2007
92-09	MW-22	7440-47-3	51	Chromium	8.2	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7440-48-4	53	Cobalt	24	ug/L		1	11/08/2007		11/19/2007
92-09	MW-22	7440-50-8	54	Copper	5	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7439-92-1	131	Lead	13	ug/L		1	11/08/2007		11/19/2007
92-09	MW-22	7440-02-0	152	Nickel	9.2	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7440-22-4	184	Silver	2.3	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7440-28-0	194	Thallium	0.2	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7440-31-5	195	Tin	1.6	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7440-62-2	209	Vanadium	14.2	ug/L	J	1	11/08/2007		11/19/2007
92-09	MW-22	7440-66-6	213	Zinc	32	ug/L		1	11/08/2007		11/19/2007
92-09	MW-22	74-87-3	137	Chloromethane	0.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-22	75-34-3	75	1,1-Dichloroethane	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-22	127-18-4	192	Tetrachloroethene	0.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-38-2	14	Arsenic	0.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-39-3	15	Barium	123	ug/L		1	11/08/2007		11/16/2007
92-09	MW-23	7440-41-7	23	Beryllium	1	ug/L		1	11/08/2007		11/16/2007
92-09	MW-23	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-47-3	51	Chromium	9.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-48-4	53	Cobalt	3.7	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-50-8	54	Copper	21	ug/L		1	11/08/2007		11/16/2007
92-09	MW-23	7439-92-1	131	Lead	21	ug/L		1	11/08/2007		11/16/2007
92-09	MW-23	7439-97-6	132	Mercury	0.12	ug/L	J	1	11/08/2007		11/16/2007

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92-09	MW-23	7440-02-0	152	Nickel	8.1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-28-0	194	Thallium	0.6	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-31-5	195	Tin	4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	7440-62-2	209	Vanadium	27	ug/L		1	11/08/2007		11/16/2007
92-09	MW-23	7440-66-6	213	Zinc	92	ug/L		1	11/08/2007		11/16/2007
92-09	MW-23	74-87-3	137	Chloromethane	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	75-34-3	75	1,1-Dichloroethane	0.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23	127-18-4	192	Tetrachloroethene	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7440-36-0	13	Antimony	1.7	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7440-39-3	15	Barium	28.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7440-43-9	34	Cadmium	0.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7440-47-3	51	Chromium	1.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7440-50-8	54	Copper	3.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7439-92-1	131	Lead	0.4	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7782-49-2	183	Selenium	1	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7440-31-5	195	Tin	1.3	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7440-62-2	209	Vanadium	4.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	7440-66-6	213	Zinc	10	ug/L		1	11/08/2007		11/16/2007
92-09	MW-23D	67-66-3	44	Chloroform	0.5	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	74-87-3	137	Chloromethane	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-23D	75-71-8	74	Dichlorodifluoromethane	0.2	ug/L	J	1	11/08/2007		11/16/2007
92-09	MW-24	7440-36-0	13	Antimony	0.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7440-38-2	14	Arsenic	0.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7440-39-3	15	Barium	202	ug/L		1	11/09/2007		11/20/2007
92-09	MW-24	7440-41-7	23	Beryllium	3.3	ug/L		1	11/09/2007		11/20/2007
92-09	MW-24	7440-43-9	34	Cadmium	0.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7440-47-3	51	Chromium	10	ug/L		1	11/09/2007		11/20/2007
92-09	MW-24	7440-48-4	53	Cobalt	2.9	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7440-50-8	54	Copper	15	ug/L		1	11/09/2007		11/20/2007
92-09	MW-24	7439-92-1	131	Lead	31	ug/L		1	11/09/2007		11/20/2007
92-09	MW-24	7439-97-6	132	Mercury	0.98	ug/L		1	11/09/2007		11/20/2007
92-09	MW-24	7440-02-0	152	Nickel	5.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7782-49-2	183	Selenium	0.8	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7440-22-4	184	Silver	0.6	ug/L	J	1	11/09/2007		11/20/2007

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92-09	MW-24	7440-28-0	194	Thallium	1.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7440-31-5	195	Tin	11.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7440-62-2	209	Vanadium	21.4	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-24	7440-66-6	213	Zinc	305	ug/L		1	11/09/2007		11/20/2007
92-09	MW-24	67-66-3	44	Chloroform	7.2	ug/L		1	11/09/2007		11/16/2007
92-09	MW-24	75-34-3	75	1,1-Dichloroethane	0.5	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-24	127-18-4	192	Tetrachloroethene	0.5	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-29D	7440-36-0	13	Antimony	1.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-38-2	14	Arsenic	0.9	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-39-3	15	Barium	35.4	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-41-7	23	Beryllium	0.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-47-3	51	Chromium	3	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-50-8	54	Copper	4.3	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7439-92-1	131	Lead	0.3	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-02-0	152	Nickel	1.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7782-49-2	183	Selenium	1.6	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-31-5	195	Tin	1.4	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-62-2	209	Vanadium	2.6	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-29D	7440-66-6	213	Zinc	24	ug/L		1	11/09/2007		11/20/2007
92-09	MW-29D	75-71-8	74	Dichlorodifluoromethane	0.2	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-29D	91-20-3	148	Naphthalene	0.3	ug/L	J	1	11/09/2007		11/16/2007
92-09	MW-30	7440-39-3	15	Barium	419	ug/L		1	11/09/2007		11/19/2007
92-09	MW-30	7440-41-7	23	Beryllium	3.2	ug/L		1	11/09/2007		11/19/2007
92-09	MW-30	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-30	7440-47-3	51	Chromium	117	ug/L		1	11/09/2007		11/19/2007
92-09	MW-30	7440-48-4	53	Cobalt	2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-30	7440-50-8	54	Copper	160	ug/L		1	11/09/2007		11/19/2007
92-09	MW-30	7439-92-1	131	Lead	21	ug/L		1	11/09/2007		11/19/2007
92-09	MW-30	7439-97-6	132	Mercury	0.09	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-30	7440-02-0	152	Nickel	52	ug/L		1	11/09/2007		11/19/2007
92-09	MW-30	7440-28-0	194	Thallium	1.3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-30	7440-31-5	195	Tin	4.7	ug/L	J	1	11/09/2007		11/19/2007

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92-09	MW-30	7440-62-2	209	Vanadium	118	ug/L		1	11/09/2007		11/19/2007
92-09	MW-30	7440-66-6	213	Zinc	147	ug/L		1	11/09/2007		11/19/2007
92-09	MW-30	67-66-3	44	Chloroform	0.5	ug/L	J	1	11/09/2007		11/17/2007
92-09	MW-30	75-71-8	74	Dichlorodifluoromethane	0.3	ug/L	J	1	11/09/2007		11/17/2007
92-09	MW-31	7440-38-2	14	Arsenic	0.8	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31	7440-39-3	15	Barium	85.5	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31	7440-41-7	23	Beryllium	1	ug/L		1	11/09/2007		11/19/2007
92-09	MW-31	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31	7440-47-3	51	Chromium	38	ug/L		1	11/09/2007		11/19/2007
92-09	MW-31	7440-48-4	53	Cobalt	3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31	7440-50-8	54	Copper	19	ug/L		1	11/09/2007		11/19/2007
92-09	MW-31	7439-92-1	131	Lead	22	ug/L		1	11/09/2007		11/19/2007
92-09	MW-31	7439-97-6	132	Mercury	0.22	ug/L		1	11/09/2007		11/19/2007
92-09	MW-31	7440-02-0	152	Nickel	6.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31	7440-22-4	184	Silver	0.8	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31	7440-31-5	195	Tin	1.3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31	7440-62-2	209	Vanadium	47	ug/L		1	11/09/2007		11/19/2007
92-09	MW-31	7440-66-6	213	Zinc	32	ug/L		1	11/09/2007		11/19/2007
92-09	MW-31	67-66-3	44	Chloroform	9.9	ug/L		1	11/09/2007		11/17/2007
92-09	MW-31D	7440-38-2	14	Arsenic	0.1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7440-39-3	15	Barium	15.3	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7440-47-3	51	Chromium	5	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7440-50-8	54	Copper	1.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7439-92-1	131	Lead	0.1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7440-02-0	152	Nickel	0.8	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7440-31-5	195	Tin	2.4	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7440-62-2	209	Vanadium	6.7	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	7440-66-6	213	Zinc	9.1	ug/L	J	1	11/09/2007		11/19/2007
92-09	MW-31D	67-66-3	44	Chloroform	31.5	ug/L		1	11/09/2007		11/17/2007
92-09	MW-31D	117-81-7	111	Bis-(2-Ethylhexyl) Phthalate	10.4	ug/L	J	1	11/09/2007	11/14/2007	11/16/2007
92-09	MW-32	7440-36-0	13	Antimony	0.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-38-2	14	Arsenic	0.6	ug/L	J	1	11/09/2007		11/20/2007

Facility Name: North Wake Unlined Landfill
Monitoring Event Date: 11/08/2007 - 11/09/2007

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	MW-32	7440-39-3	15	Barium	12.4	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-41-7	23	Beryllium	0.4	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-43-9	34	Cadmium	0.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-47-3	51	Chromium	1.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-48-4	53	Cobalt	4.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-50-8	54	Copper	5.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7439-92-1	131	Lead	0.3	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-02-0	152	Nickel	2.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7782-49-2	183	Selenium	0.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-31-5	195	Tin	0.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-62-2	209	Vanadium	4.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	MW-32	7440-66-6	213	Zinc	29	ug/L		1	11/09/2007		11/20/2007
92-09	MW-32	117-81-7	111	Bis-(2-Ethylhexyl) Phthalate	10.6	ug/L	J	1	11/09/2007	11/14/2007	11/16/2007
92-09	TB-1A	7440-36-0	13	Antimony	0.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-38-2	14	Arsenic	0.51	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-39-3	15	Barium	40.4	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-41-7	23	Beryllium	0.14	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-43-9	34	Cadmium	8	ug/L		1	11/09/2007		11/20/2007
92-09	TB-1A	7440-47-3	51	Chromium	4.4	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-48-4	53	Cobalt	2.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-50-8	54	Copper	29	ug/L		1	11/09/2007		11/20/2007
92-09	TB-1A	7439-92-1	131	Lead	1.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7439-97-6	132	Mercury	0.18	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-02-0	152	Nickel	5.9	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7782-49-2	183	Selenium	0.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-28-0	194	Thallium	0.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-31-5	195	Tin	0.6	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-62-2	209	Vanadium	15.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1A	7440-66-6	213	Zinc	51	ug/L		1	11/09/2007		11/20/2007
92-09	TB-1A	75-27-4	29	Bromodichloromethane	1.5	ug/L		1	11/09/2007		11/17/2007
92-09	TB-1A	67-66-3	44	Chloroform	21.8	ug/L		1	11/09/2007		11/17/2007
92-09	TB-1A	124-48-1	66	Dibromochloromethane	0.3	ug/L		1	11/09/2007		11/17/2007
92-09	TB-1A	75-34-3	75	1,1-Dichloroethane	0.4	ug/L	J	1	11/09/2007		11/17/2007

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	TB-1A	127-18-4	192	Tetrachloroethene	0.2	ug/L	J	1	11/09/2007		11/17/2007
92-09	TB-1AD	7440-36-0	13	Antimony	0.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-38-2	14	Arsenic	0.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-39-3	15	Barium	15.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-41-7	23	Beryllium	0.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-43-9	34	Cadmium	0.3	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-47-3	51	Chromium	4.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-48-4	53	Cobalt	1.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-50-8	54	Copper	3.8	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7439-92-1	131	Lead	1.2	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-02-0	152	Nickel	2.1	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7782-49-2	183	Selenium	0.9	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-31-5	195	Tin	1.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-62-2	209	Vanadium	14.7	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	7440-66-6	213	Zinc	8.5	ug/L	J	1	11/09/2007		11/20/2007
92-09	TB-1AD	75-27-4	29	Bromodichloromethane	0.3	ug/L		1	11/09/2007		11/17/2007
92-09	TB-1AD	67-66-3	44	Chloroform	26.2	ug/L		1	11/09/2007		11/17/2007
92-09	TB-1AD	75-00-3	41	Chloroethane	0.4	ug/L	J	1	11/09/2007		11/17/2007
92-09	TB-1AD	74-87-3	137	Chloroemethane	0.2	ug/L	J	1	11/09/2007		11/17/2007
92-09	TB-1AD	75-09-2	140	Methylene Chloride	0.2	ug/L	J	1	11/09/2007		11/17/2007
92-09	SW-2	7440-39-3	15	Barium	23.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-2	7440-43-9	34	Cadmium	0.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-2	7440-47-3	51	Chromium	0.3	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-2	7440-50-8	54	Copper	0.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-2	7439-92-1	131	Lead	0.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-2	7440-62-2	209	Vanadium	1.1	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-2	7440-66-6	213	Zinc	5	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-2	67-66-3	44	Chloroform	0.2	ug/L	J	1	11/07/2007		11/14/2007
92-09	SW-2	74-87-3	137	Chloroemethane	0.3	ug/L	J	1	11/07/2007		11/14/2007
92-09	SW-3	7440-39-3	15	Barium	24.7	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-3	7440-43-9	34	Cadmium	1	ug/L		1	11/07/2007		11/16/2007
92-09	SW-3	7440-47-3	51	Chromium	0.5	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-3	7440-50-8	54	Copper	1.3	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-3	7439-92-1	131	Lead	0.1	ug/L	J	1	11/07/2007		11/16/2007

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER*	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
92-09	SW-3	7440-62-2	209	Vanadium	1.9	ug/L	J	1	11/07/2007		11/16/2007
92-09	SW-3	7440-66-6	213	Zinc	13	ug/L		1	11/07/2007		11/16/2007
92-09	SW-3	67-64-1	3	Acetone	1.3	ug/L	J	1	11/07/2007		11/14/2007
92-09	SW-3	78-93-3	141	2-Butanone (MEK)	0.9	ug/L	J	1	11/07/2007		11/14/2007
92-09	SW-3	74-87-3	137	Chloroemethane	0.3	ug/L	J	1	11/07/2007		11/14/2007

*J Qualifier = estimated result between MDL and SWSL

Table 1
Groundwater Elevations
North Wake Unlined Landfill

Monitoring Well Designation	TOC Elevation (AMSL)*	4/18/2001 Groundwater Elevation (AMSL)	7/25/2001 Groundwater Elevation (AMSL)	12/4/2001 Groundwater Elevation (AMSL)	4/9/2002 Groundwater Elevation (AMSL)	11/6/2002 Groundwater Elevation (AMSL)	4/17/2003 Groundwater Elevation (AMSL)	11/4/2003 Groundwater Elevation (AMSL)	4/14/2004 Groundwater Elevation (AMSL)	11/18/2004 Groundwater Elevation (AMSL)	4/21/2005 Groundwater Elevation (AMSL)	11/11/2005 Groundwater Elevation (AMSL)	4/14/2006 Groundwater Elevation (AMSL)	11/9/2006 Groundwater Elevation (AMSL)	4/19/2007 Groundwater Elevation (AMSL)	11/9/2007 Groundwater Elevation (AMSL)
MW-5	225.28	205.84	203.98	203.78	205.28	204.77	207.26	205.23	205.84	205.18	206.47	203.79	205.28	201.88	202.95	200.63
MW-5R	NA								NA	NA	NA	NA	NA	NA	NA	NA
MW-6	218.61	206.81	206.10	206.26	207.52	205.85	207.19	206.41	206.66	206.47	206.47	205.71	206.18	206.31	206.30	205.66
MW-6d	218.61		205.96	206.16	205.61	206.45	206.71	206.13	206.15	206.03	206.20	205.61	205.97	206.01	206.05	205.38
MW-7	233.76	222.22	221.80	222.02	222.41	222.66	222.91	222.46	222.43	222.41	222.55	222.05	222.26	222.10	225.02	221.59
MW-8	225.66	215.23	214.76	214.76	215.04	214.91	215.41	214.96	215.13	215.69	215.16	214.88	214.94	215.08	214.96	214.44
MW-8d	226.26		214.16	214.16	213.26	214.46	215.13	214.48	214.57	214.44	214.67	214.09	214.35	214.45	214.54	213.82
MW-9	242.23	213.08	212.55	212.46	212.87	212.47	213.58	212.98	213.00	212.68	212.92	212.09	212.38	212.26	212.65	211.81
MW-10	277.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10 (relocated)	274.98	233.54	233.27	232.45	232.53	233.03	235.92	236.24	235.12	235.09	234.66	233.25	232.79	232.20	233.41	231.88
MW-10d	274.54		231.17	230.81	230.74	231.22	233.66	234.16	232.51	232.97	231.82	230.21	229.29	228.99	229.85	228.32
MW-11	342.96	300.59	NM	301.54	298.81	299.29	301.28	302.36	301.49	301.51	301.09	299.88	299.43	299.21	300.21	298.86
MW-11D	343.01									301.22	300.89	299.75	299.29	299.06	300.10	298.66
MW-22	255.03	221.03	221.15	220.90	220.97	221.68	223.39	223.47	222.21	222.47	221.83	220.81	220.86	220.87	221.47	219.98
MW-23	275.26	233.21	233.10	232.45	231.26	232.04	236.04	235.88	234.79	234.85	234.39	232.81	231.74	231.43	232.64	230.93
MW-23 deep	274.94	232.29	232.31	231.64	231.67	231.92	234.79	234.87	233.83	233.87	233.41	231.99	231.00	230.72	231.83	230.28
MW-24	267.03	223.96	223.83	223.32	223.53	223.44	225.77	225.85	225.31	225.21	225.16	223.65	223.13	222.89	224.00	222.37
MW-27	215.54	210.48	209.82	NS	209.52	NS	211.03	NS	210.49	NS	210.61	NS	NS	NS	NS	NS
MW-28	238.43	220.44	220.28	NS	220.43	NS	223.18	NS	221.81	NS	221.64	NS	220.71	NS	224.19	NS
MW-28d	238.47	210.87	212.12	NS	212.37	NS	223.12	NS	221.82	NS	221.70	NS	220.66	NS	224.32	NS
MW-29d	275.42	236.38	236.59	236.12	234.92	236.30	238.56	239.32	238.33	238.31	237.78	236.45	235.50	235.08	239.10	234.47
MW-30	282.28	234.43	234.60	234.10	233.92	234.26	236.83	237.49	236.18	236.74	235.75	234.30	233.30	232.81	233.91	232.11
MW-31	261.69	234.36	234.03	233.34	234.04	234.69	238.51	237.83	237.22	237.72	236.96	232.13	231.12	230.73	231.74	229.77
MW-31d	260.89	233.74	233.59	232.83	233.58	234.14	237.79	237.50	236.83	237.32	236.60	231.98	230.90	230.40	231.86	229.49
MW-32	243.00	228.90	227.11	226.77	228.75	228.97	229.95	228.09	228.36	228.47	229.00	226.74	227.29	227.18	228.09	226.36
TB-1a	254.40	229.51	228.80	228.32	229.40	229.38	232.52	231.72	231.80	232.08	232.07	228.06	227.86	227.55	228.75	226.59
TB-1a deep	256.04		228.26	226.89	227.79	228.76	231.52	230.86	230.72	231.03	230.84	227.51	227.30	226.95	228.14	226.13
MW-33	221.60	210.85	208.93	NS	210.80	NS	212.07	NS	210.50	NS	210.77	NS	209.92	NS	213.60	NS
MW-34	221.61	209.50	206.80	NS	208.06	NS	211.79	NS	208.50	NS	209.16	NS	207.78	NS	208.54	NS
MW-34d	221.84	209.22	206.79	NS	208.74	NS	211.36	NS	208.33	NS	208.88	NS	207.64	NS	208.35	NS
MW-35	223.12	207.57	205.26	NS	206.32	NS	209.82	NS	208.42	NS	207.32	NS	206.08	NS	209.70	NS

(1) AMSL = Above Mean Sea Level
(2) NS = Well not sampled
(3) NM = Well not measured
(4) NA = Well not available
(5) MW-5R installed on January 30, 2004.
*** - TOC and Groundwater Elevations Based Upon 2005 Taylor-Weisman-Taylor Survey**

Table 2
Summary of Calculated Groundwater Flow Velocities
North Wake Unlined Landfill

Monitoring Well Designation	Sampling Date: Hydraulic Conductivity ft/day (cm/s)	Effective Porosity	11/11/2005 Gradient (Flow Direction)	11/11/2005 Average Linear Velocity (ft/day)	4/13/2006 Gradient (Flow Direction)	4/13/2006 Average Linear Velocity (ft/day)	11/9/2006 Gradient (Flow Direction)	11/9/2006 Average Linear Velocity (ft/day)	4/17/2007 Gradient (Flow Direction)	4/17/2007 Average Linear Velocity (ft/day)	11/9/2007 Gradient (Flow Direction)	11/9/2007 Average Linear Velocity (ft/day)
MW-5	0.33 1.16E-04	0.18	0.0179 (E)	3.28E-02	0.0417 (E)	7.65E-02	0.0399 (E)	7.32E-02	0.0125 (E)	2.29E-02	0.0119 (ENE)	2.18E-02
MW-6	10.58 3.73E-03	0.13	0.0172 (E)	1.40E+00	0.0172 (E)	1.40E+00	0.0172 (E)	1.40E+00	0.0132 (E)	1.07E+00	0.0125 (E)	1.02E+00
MW-7	1.15 4.06E-04	0.18	0.0172 (ESE)	1.10E-01	0.0172 (ESE)	1.10E-01	0.0172 (ESE)	1.10E-01	0.0208 (NE)	1.33E-01	0.0278 (NE)	1.78E-01
MW-8	3.61 1.27E-03	0.18	0.0217 (E)	4.35E-01	0.0313 (E)	6.28E-01	0.0313 (E)	6.28E-01	0.0135 (ENE)	2.71E-01	0.0125 (ENE)	2.51E-01
MW-9	1.22 4.30E-04	0.30	0.0152 (E)	6.18E-02	0.0152 (E)	6.18E-02	0.0152 (E)	6.18E-02	0.0200 (E)	8.13E-02	0.0172 (E)	6.99E-02
MW-10	0.509 1.80E-04	0.05	0.0250 (E)	2.55E-01	0.0250 (E)	2.55E-01	0.0250 (E)	2.55E-01	0.0417 (E)	4.25E-01	0.0556 (E)	5.66E-01
MW-11*	5.66 2.00E-03	0.13	0.0200 (NNE)	8.71E-01	0.0204 (NE)	8.88E-01	0.0204 (NE)	8.88E-01	0.0213 (NE)	9.27E-01	0.0213 (NE)	9.27E-01
MW-22	0.07 2.47E-05	0.18	0.0278 (ENE)	1.08E-02	0.0385 (ENE)	1.50E-02	0.0385 (ENE)	1.50E-02	0.0400 (ENE)	1.56E-02	0.0278 (ENE)	1.08E-02
MW-23	3.59 1.27E-03	0.30	0.0208 (E)	2.49E-01	0.0227 (E)	2.72E-01	0.0227 (E)	2.72E-01	0.0208 (E)	2.49E-01	0.0196 (E)	2.35E-01
MW-24	0.34 1.20E-04	0.30	0.0161 (ESE)	1.82E-02	0.0156 (ESE)	1.77E-02	0.0156 (ESE)	1.77E-02	0.0313 (ESE)	3.55E-02	0.0417 (ESE)	4.73E-02

NS - Not Sampled
NC - Not Constructed
* - MW-11 is a background well located approximately 3000-ft SW of the Unlined Facility

Table 3
Field Parameters
North Wake Unlined Landfill

Sampling Date:	11/6/2002			4/17/2003			11/4/2003			4/14/2004			11/18/2004			4/21/2005			11/11/2005			4/14/2006			11/9/2006			4/19/2007			11/9/2007		
Monitoring Well Designation	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)	pH (-)	Conductivity (µS)	Temp. (deg. C)
MW-5	5.72	181	17.4	6.08	402	16.7	5.60	3390	20.3	6.30	1710	16.7	6.4	766	17	6.2	753	17	6.4	987	17	6.2	495	20	6.2	780	19	6.2	742	18	6.3	1016	21
MW-6	5.58	98	19.2	5.79	209	16.3	4.80	495	19.1	5.76	567	14.1	5.4	768	18	5.3	668	15	5.5	954	18	6.0	869	19	5.8	133	19	5.9	1184	15	6.1	1913	20
MW-6d	6.59	101	16.7	6.22	103	17.9	5.87	138	17.2	6.15	91	17.2	6.4	103	17	6.5	120	17	6.2	139	17	6.0	119	19	6.0	132	19	5.9	144	17	6.5	189	16
MW-7	6.14	222	18.6	5.85	384	14.8	5.50	464	18.4	5.91	292	15.4	5.7	424	18	5.6	435	15	5.8	339	17	5.9	392	17	5.9	645	20	6.1	576	16	6.1	762	17
MW-8	6.05	82	18.7	6.30	76	16.6	5.15	105	18.4	5.86	96	14.9	5.8	104	19	5.6	136	16	5.9	119	18	5.7	128	17	5.8	148	18	5.9	178	15	6.1	195	17
MW-8d	6.95	235	16.4	6.63	144	17.8	5.88	151	16.8	6.40	130	17.1	6.3	133	17	6.1	150	16	6.4	166	17	6.2	165	17	6.2	187	16	6.4	260	14	6.4	192	16
MW-9	6.16	521	16.6	6.39	593	18.6	5.76	891	17.2	6.33	644	16.5	6.1	674	17	6.0	635	18	6.1	659	17	6.0	590	21	6.0	567	17	6.1	538	17	6.3	582	16
MW-10 (relocated)	5.54	158	16.1	5.11	110	17.5	4.90	116	17.0	5.83	107	15.8	5.6	130	16	5.2	137	17	5.5	158	16	5.4	159	18	5.4	181	17	5.6	120	17	5.8	148	15
MW-10d	6.79	223	15.4	6.23	208	16.7	5.64	185	17.2	5.40	168	17.4	6.1	157	16	6.0	158	17	6.4	178	14	6.2	158	19	6.1	176	16	6.0	172	16	6.3	178	15
MW-11	6.14	73	15.6	6.36	54	17.3	6.47	55	17.4	5.31	56	16.5	5.7	69	16	5.6	72	20	5.8	76	16	5.5	68	17	5.7	90	18	5.8	81	18	5.9	86	15
MW-11D													6.1	88	15	5.8	953	18	5.9	90	16	5.8	93	18	6.0	106	18	6.1	110	18	6.2	125	16
MW-22	6.31	111	15.6	5.94	90	16.4	5.45	144	16.3	4.93	96	17.0	5.1	114	15	5.5	123	17	5.9	132	16	5.7	123	17	5.7	150	17	5.7	138	15	6.3	161	15
MW-23	6.05	81	16.3	5.64	80	17.4	5.09	112	16.4	4.13	70	16.3	5.4	65	15	5.3	69	17	5.4	808	16	5.6	95	18	5.7	76	17	5.4	65	15	6.0	104	15
MW-23 deep	6.58	98	15.8	6.21	88	16.7	5.62	148	16.6	4.97	91	16.2	6.0	110	15	5.8	116	17	5.9	1308	16	5.9	128	18	5.9	155	17	5.8	149	16	6.2	162	14
MW-24	5.76	147	16.0	5.79	117	17.7	4.92	122	16.9	6.29	90	15.9	5.7	109	16	5.6	106	18	5.7	106	15	5.5	109	18	5.7	103	16	5.8	88	16	6.0	109	15
MW-27	NS	NS	NS	6.02	111	16.5	NS	NS	NS	5.51	149	16.4	NS	NS	NS	6.1	137	17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-28	NS	NS	NS	6.12	144	17.4	NS	NS	NS	5.26	117	17.3	NS	NS	NS	5.8	149	18	NS	NS	NS	5.9	199	19	NS	NS	NS	6.1	192	18	NS	NS	NS
MW-28d	NS	NS	NS	6.76	165	17.3	NS	NS	NS	6.16	180	17.5	NS	NS	NS	6.4	194	17	NS	NS	NS	6.3	188	18	NS	NS	NS	6.8	187	18	NS	NS	NS
MW-29d	6.33	103	15.9	5.58	115	15.5	5.44	148	16.8	5.22	95	16.7	5.8	113	16	5.7	113	17	5.9	123	16	5.8	130	18	5.9	138	18	5.9	164	17	6.1	142	14
MW-30	6.61	84	15.4	6.23	88	16.1	5.58	133	16.8	6.08	84	14.9	6.1	102	15	5.8	105	17	6.0	110	16	5.8	112	17	5.9	123	16	5.7	121	17	6.1	127	15
MW-31	6.15	169	17.6	5.68	175	17.8	5.38	252	18.8	6.01	134	18.7	5.8	154	17	5.7	154	20	6.1	182	15	5.7	152	19	5.7	179	19	5.5	171	18	5.8	162	16
MW-31d	6.61	121	16.6	6.38	131	16.1	5.91	216	18.0	6.42	146	17.7	6.2	154	17	6.0	160	20	6.1	200	16	6.0	167	19	6.3	223	20	6.0	183	17	6.2	190	16
MW-32	6.30	140	17.9	5.56	147	13.8	5.39	166	17.4	6.06	113	14.1	5.6	95	18	5.5	118	16	5.6	114	16	5.5	83	16	5.6	100	18	5.5	93	15	2.5	1478	16
TB-1a	5.83	164	15.8	5.82	176	16.1	5.04	178	16.2	5.36	122	15.9	5.7	129	18	5.9	134	19	5.8	155	14	5.7	128	19	5.7	133	17	6.0	118	16	NS	152	16
TB-1a deep	6.62	98	15.7	5.23	107	15.1	5.55	127	15.9	6.17	113	16.0	6.0	128	17	5.9	135	18	6.1	146	15	5.8	139	19	6.3	173	17	5.9	153	16	6.3	196	17
MW-33	NS	NS	NS	5.94	86	15.0	NS	NS	NS	5.78	81	14.4	NS	NS	NS	5.6	98	15	NS	NS	NS	5.9	131	17	NS	NS	NS	5.9	152	14	NS	NS	NS
MW-34	NS	NS	NS	5.01	83	13.8	NS	NS	NS	5.13	75	14.8	NS	NS	NS	5.2	107	15	NS	NS	NS	5.5	119	15	NS	NS	NS	5.4	130	14	NS	NS	NS
MW-34d	NS	NS	NS	5.36	114	15.1	NS	NS	NS	5.92	173	15.3	NS	NS	NS	5.6	130	15	NS	NS	NS	6.1	234	15	NS	NS	NS	6.0	180	15	NS	NS	NS
MW-35	NS	NS	NS	5.29	26	14.5	NS	NS	NS	5.46	24	16.8	NS	NS	NS	5.6	44	15	NS	NS	NS	5.4	47	15	NS	NS	NS	5.3	64	15	NS	NS	NS

MW-6d, -8d, -10d, and TB-1a deep installed in June 2001
MW-5R installed on January 30, 2004.
NS = Not sampled.
NA = Data Not Available

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-1	15-Apr-94	<3	221	<5	<0.5	<20	23	54	14	<20	<3	<1		50	88	
MW-1	11-May-94	<3	146	<5	<0.5	<20	19	55	14	<20	<3	<1		50	83	
MW-1	10-Jun-94	<3	191	<5	<0.5	<20	27	111	7.6	20	<3	<1		90	114	
MW-1	3-Oct-94	<3	143	<5	<0.5	16	26	74	8	<20	<3	<1		60	85	
MW-1	13-Jun-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10		<40	<50	<.5
MW-1	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		NS	NS	<.5
MW-11 **	31-Oct-95	11	842	8	<1	24	71	331	26	87	<20	<10	<10	117	314	<1
MW-11	22-Mar-96	<10	<500	<2	<1	<10	15	<200	<10	<50	<20	<10	<10	51	70	1.8
MW-11	29-Nov-96	35	<10	<1	<1	<2	<2	<10	<5	<50	<5	<5	<10	<5	<10	<.2
MW-11	22-Apr-97	<10	<20	<5	<0.5	<20	<10	<10	<2	<20	<3	<1	<10	<20	130	<.2
MW-11	31-Oct-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	66	<.2
MW-11	11-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11	8-Dec-98	<10	<500	<2	2.1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11	14-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11	30-Nov-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11	5-Apr-00	<10	<500	<2	1.2	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11	18-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-11	27-Nov-01	<10	311	<10	<10	<10	<10	16.5	<10	<40	<10	<10	<10	<50	29.7	<.3
MW-11	5-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-11	5-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-11	15-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-11	29-Oct-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-11	18-Nov-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-11	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-11	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	83	<.5
MW-11	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-11	10-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	82	<.5
MW-11	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	21	<.2
MW-11	8-Nov-07	<10	332	2.1	<1	<10	<10	39	12	<50	<10	<10	<5	58	113	<.2
MW-11d	31-Oct-95	<10	<500	<2	2	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<1
MW-11d	22-Mar-96	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11d	29-Nov-96	<5	26	<1	<1	<2	<2	<10	<5	<50	<5	<5	<10	<5	<10	<.2
MW-11d	22-Apr-97	<10	<500	<5	<1	<20	<10	<10	<2	<20	<3	<1	<10	<20	54	<.2
MW-11d	31-Oct-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	26	<.2
MW-11d	11-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	69	<.2
MW-11d	8-Dec-98	<10	<500	<2	1.9	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11d	14-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11d	30-Nov-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11d	5-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11d	18-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-11d	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-11d	27-Nov-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-11d	5-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.3
MW-11d	5-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-11d	15-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-11d	29-Oct-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-11d	18-Nov-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-11d	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-11d	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-11d	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-11d	10-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-11d	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-11d	8-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	16	<.2
MW-5	6-Mar-94	<5	76	<5	<5	<10	<10	<20	<5	<10	<5	<10	<10	<10	110	
MW-5	15-Apr-94	<3	60	<50	0.9	<20	<10	<10	<2	<20	<3	62	<10	<20	47	
MW-5	11-May-94	<3	58	<5	0.5	<20	<10	11	<2	<20	<3	<1	<10	<20	28	
MW-5	31-May-94	<5	66	<5	<5	<10	11	<20	<5	17	<5	<10	<10	<10	63	
MW-5	10-Jun-94	<3	54	<5	<.5	<20	<10	<10	2.5	<20	<3	<1	<10	<20	20	
MW-5	30-Sep-94	<3	48	<5	<.5	<20	<20	<10	<2	<20	<3	7.3	<10	<20	10	
MW-5	13-Jun-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-5	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	<.5
MW-5	31-Oct-95	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<1
MW-5 (dup)	31-Oct-95	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<1
MW-5	30-Jan-96	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	237	<.5
MW-5	29-Nov-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	NS
MW-5	22-Apr-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	NS
MW-5	1-Nov-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	NS
MW-5	6-May-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	NS
MW-5	6-Aug-98	<10	<500	2.2	4.9	32	24	<200	<10	<50	<20	<10	<10	68	190	<0.2
MW-5	8-Dec-98	<10	<500	<2	1.5	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-5	16-Apr-99	<10	<500	<2	1.5	<10	28.3	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-5	2-Dec-99	<10	<500	<2	1	<10	49.8	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-5	11-Apr-00	<10	<500	<2	<1	<10	34.8	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-5	20-Dec-00	<10	<500	<2	<1	<10	26.9	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-5	16-Apr-01	<10	<500	<2	<1	<10	32.1	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-5	3-Dec-01	<10	<100	<10	<10	<10	19.3	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-5	12-Apr-02	<10	<500	<2	<1	<10	34.9	<200	<10	<50	<20	<10	<10	<40	70.5	<.3
MW-5	5-Nov-02	<10	<500	<2	<1	<10	37.7	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-5	17-Apr-03	<10	<500	<2	<1	<10	55.1	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-5	4-Nov-03	<10	533	<2	3.06	<10	113	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-5 (dup)	4-Nov-03	<10	590	<2	3.48	<10	123	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-5	14-Apr-04	<10	<500	<2	1.52	<10	55.3	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-5	18-Nov-04	<10	<500	<2	<1	<10	166	<200	<10	<50	<20	<10	<10	<40	57	<.5
MW-5	21-Apr-05	<10	<500	<2	<1	<10	18	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-5	11-Nov-05	<10	<500	<2	<1	<10	139	<200	<10	<50	<20	<10	<10	<40	57	<.5
MW-5	14-Apr-06	<10	<500	<2	<1	<10	90	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-5	9-Nov-06	<10	<500	<2	<1	<10	23	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-5	19-Apr-07	<10	125	<1	<1	<10	16	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-5	9-Nov-07	<10	164	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-5R	21-Apr-04	12.4	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-6	6-Mar-94	<5	190	<5	<5	32	10	33	18	33	<5	<10	<10	63	51	
MW-6	15-Apr-94	<3	144	<5	<.5	20	12	20	11	<20	<3	7.3	<10	50	27	
MW-6	11-May-94	<3	175	<5	<.5	30	13	33	9.3	<20	<3	7.3	<10	70	35	
MW-6	1-Jun-94	<5	260	5.4	<.5	49	16	28	14	13	<5	<10	<10	100	72	
MW-6	25-Aug-94	<3	68	<5	<.5	<20	<20	<10	<2	<20	<3	7.3	<10	<20	<10	
MW-6	29-Sep-94	<3	110	<5	<.5	19	<20	19	6.9	<20	<3	7.3	<10	40	16	
MW-6	13-Jun-95	<10	<500	2	<1	22	<10	<200	<10	<50	<20	<10	<10	41	<50	2.6
MW-6	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	0.5
MW-6	31-Oct-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	2.5
MW-6	30-Jan-96	<10	<500	7	<1	44	12	<200	13	<50	<20	<10	<10	65	61	1.8
MW-6	29-Nov-96	<5	150	2	<1	20	6	21	6	<50	<5	<5	<10	52	40	0.83
MW-6	22-Apr-97	<5	<5	<.3	<1	12	<5	<5	<5	<5	<10	<5	<10	<5	67	1.1
MW-6	2-Nov-98	<10	<500	<2	<1	14	<10	<200	<10	<50	<20	<10	<10	<40	28	0.54
MW-6	6-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.65
MW-6 (dup)	6-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<0.2
MW-6	8-Dec-98	<10	<500	<2	1.4	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.81
MW-6	16-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.7
MW-6	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.9
MW-6	11-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	1.1
MW-6	19-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	1.8
MW-6	16-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	1.9
MW-6	3-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	0.6
MW-6	12-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-6	5-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.9
MW-6	17-Apr-03	<10	<500	<2	<1	<10	14.4	<200	<10	<50	<20	<10	<10	<40	<50	0.7
MW-6	4-Nov-03	<10	<500	<2	<1	<10	30.1	<200	<10	<50	<20	<10	<10	<40	<50	0.46
MW-6	14-Apr-04	20.6	<500	<2	<1	<10	48.1	<200	<10	<50	<20	<10	<10	<40	<50	0.28
MW-6	18-Nov-04	<10	<500	<2	2	47	86	<200	<10	<50	<20	<10	<10	41	<50	0.53
MW-6	21-Apr-05	<10	<500	<2	<1	<10	33	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6	11-Nov-05	<10	<500	<2	1	19	50	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6	14-Apr-06	<10	<500	<2	2	10	69	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6	9-Nov-06	<10	<500	<2	<1	10	65	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6	19-Apr-07	<10	461	<1	<1	<10	89	<10	<10	<50	<10	<10	<5	<25	13	<.2
MW-6	9-Nov-07	<10	701	<1	<1	<10	61	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-6d	8-Jun-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-6d	4-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-6d	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-6d	7-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-6d	16-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-6d	5-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-6d	21-Apr-04	<10	<500	<2	<1	17.3	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-6d	18-Nov-04	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6d	21-Apr-05	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6d	11-Nov-05	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6d	11-Apr-06	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6d	9-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-6d	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	11	<.2
MW-6d	8-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-7	6-Mar-94	<5	190	<5	<5	48	17	110	22	21	<5	<10	<10	67	82	
MW-7	15-Apr-94	<3	136	<5	<.5	30	11	53	25	20	<3	<1	<10	40	56	
MW-7	11-May-94	<3	51	<5	<.5	30	11	24	6.8	<20	<3	<1	<10	40	29	
MW-7	31-May-94	<5	350	5.4	<.5	89	30	180	34	40	<5	<10	<10	140	150	
MW-7	25-Aug-94	<3	44	<5	<.5	<20	<20	25	2.7	<20	<3	<1	<10	<20	19	
MW-7	29-Sep-94	<3	49	<5	<.5	15	<20	26	4.7	<20	<3	<1	<10	20	20	
MW-7	13-Jun-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-7	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	<.5
MW-7	31-Oct-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<1
MW-7	30-Jan-96	<10	<500	2	<1	35	<10	<200	10	<50	<20	<1	<10	<40	<50	<.5
MW-7	29-Nov-96	<5	17	<1	<1	<2	<2	<10	<5	<50	<5	<5	<10	<5	<10	<.2
MW-7	21-Apr-97	<5	<5	<.3	<1	<5	<5	<5	<5	<5	<10	<5	<10	<5	<20	0.38
MW-7 (dup)	21-Apr-97	<5	<5	<.3	<1	<5	<5	<5	<5	<5	<10	<5	<10	<5	<20	0.22
MW-7	1-Nov-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	48	0.58
MW-7	6-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.24
MW-7	8-Dec-98	<10	<500	<2	2.6	15	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.25
MW-7	16-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-7	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.2
MW-7	11-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.2
MW-7 (dup)	11-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.2
MW-7	19-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.3
MW-7 (dup)	19-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.3
MW-7	16-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-7	4-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-7	9-Apr-02	<10	<500	<2	<1	<10	10.1	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-7	6-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-7	16-Apr-03	<10	<500	<2	<1	<10	20.3	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-7	5-Nov-03	<10	<500	<2	<1	<10	19.2	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-7	21-Apr-04	<10	<500	<2	<1	<10	29.5	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-7 (dup)	21-Apr-04	12.1	<500	<2	<1	<10	24	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-7	18-Nov-04	<10	<500	<2	<1	<10	44	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-7	21-Apr-05	<10	<500	<2	<1	<10	44	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-7	11-Nov-05	<10	<500	<2	<1	16	15	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-7	11-Apr-06	<10	<500	<2	<1	<10	26	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-7	9-Nov-06	<10	<500	<2	2	36	29	<200	<10	<50	<20	<10	<10	<40	56	0.63
MW-7	20-Apr-07	<10	<100	<1	<1	<10	16	<10	<10	<50	<10	<10	<5	<25	18	<.2
MW-7	8-Nov-07	<10	<100	<1	1	11	14	13	<10	<50	<10	<10	<5	<25	20	<.2

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-8	6-Mar-94	<5	120	<5	<5	17	<10	26	<5	13	<5	<10	<10	35	49	
MW-8	15-Apr-94	<3	97	<5	<.5	<20	<10	22	4.2	20	<3	<1	<10	30	35	
MW-8	11-May-94	<3	89	<5	<.5	<20	<10	20	4.3	<20	<3	<1	<10	20	26	
MW-8	31-May-94	<5	330	5.4	<5	81	34	90	16	39	<5	<10	<10	150	150	
MW-8	25-Aug-94	<3	76	<5	<.5	<20	<10	13	2.7	<20	<3	<1	<10	<20	21	
MW-8	30-Sep-94	<3	82	<5	<.5	20	<10	14	5.4	<20	<3	<1	<10	20	19	
MW-8	13-Jun-95	<10	<500	<2	<1	38	11	<200	<10	<50	<20	<10	<10	87	<50	<.5
MW-8	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	<.5
MW-8	31-Oct-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<1
MW-8	30-Jan-96	<10	<500	3	<1	35	12	<200	<10	<50	<20	<10	<10	64	63	<.5
MW-8 (dup)	30-Jan-96	<10	<500	3	<1	36	12	<200	<10	<50	<20	<10	<10	63	76	<.5
MW-8	29-Nov-96	<5	120	<1	<1	14	5	21	<5	<50	<5	<5	<10	31	54	<.2
MW-8 (dup)	29-Nov-96	<5	82	<1	<1	<2	<2	<10	<5	<50	<5	<5	<10	<5	19	<.2
MW-8	21-Apr-97	<5	<5	<.3	<1	19	<5	<5	<5	<5	<10	<5	<10	<5	<20	<.2
MW-8	2-Nov-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-8	6-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-8	8-Dec-98	<10	<500	<2	1.2	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-8	16-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-8 (dup)	16-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-8	2-Dec-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	NS
MW-8	11-Apr-00	<10	<500	<2	2.1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-8	20-Dec-00	<10	<500	<2	1.5	<10	17.1	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-8	16-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-8	3-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-8	12-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-8	5-Nov-02	<10	<500	<2	1.2	15.3	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-8	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-8	4-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-8	14-Apr-04	<10	<500	<2	<1	19.8	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-8	18-Nov-04	<10	<500	<2	<1	198	72	<200	13	114	<20	<10	<10	281	161	<.5
MW-8	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-8	11-Nov-05	<10	<500	3	<1	31	<10	<200	14	<50	<20	<10	<10	<40	116	<.5
MW-8	14-Apr-06	<10	<500	3	2	30	<10	<200	14	<50	<20	<10	<10	50	111	<.5
MW-8	9-Nov-06	<10	<500	2	<1	34	<10	<200	11	<50	<20	<10	<10	<40	99	<.5
MW-8	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-8	9-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	15	<.2
MW-8d	8-Jun-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	12.7	<10	<10	<50	<20	<.3
MW-8d	4-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-8d	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-8d (dup)	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-8d	7-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-8d	16-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-8d	4-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-8d	21-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-8d	18-Nov-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-8d	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-8d	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-8d	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-8d	10-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-8d	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-8d	8-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	11	<.2
MW-9	6-Mar-94	<5	210	<5	<5	<10	<10	<20	<5	<10	<5	<10	<10	<10	<20	
MW-9	15-Apr-94	<3	199	<5	<.5	<20	11	<10	<2	<20	<3	<1	<10	<20	<10	
MW-9	11-May-94	<3	193	<5	<.5	<20	10	<10	2.7	<20	<3	<1	<10	<20	14	
MW-9	31-May-94	<5	270	<5	<5	24	14	25	21	<10	<5	<10	<10	23	120	
MW-9	25-Aug-94	<3	135	<5	<.5	<20	<20	<10	<2	<20	<3	<1	<10	<20	14	
MW-9	29-Sep-94	<3	123	<5	<.5	<20	<20	<10	4.2	<20	<3	<1	<10	<20	12	
MW-9	13-Jun-95	<10	<500	<2	<1	<10	14	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-9	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	<.5
MW-9	31-Oct-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<1
MW-9	30-Jan-96	<10	<500	4	1	20	16	<200	17	<50	<20	<10	<10	<40	65	<.5
MW-9	29-Nov-96	<5	140	<1	<1	<2	<2	<10	<5	<50	<5	<5	<10	<5	21	<.2
MW-9	22-Apr-97	<5	<5	<.3	<1	<5	<5	<5	<5	<5	<10	<5	<10	<5	<20	<.2
MW-9	2-Nov-97	<10	<500	<2	<1	<10	11	<200	<10	<50	<20	<10	<10	<40	37	<.2
MW-9	6-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-9	8-Dec-98	<10	<500	<2	1.5	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-9	16-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-9	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-9	11-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-9	20-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-9	16-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-9	3-Dec-01	11	166	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-9 (dup)	3-Dec-01	12.2	160	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-9	12-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	10.8	<40	<50	<.3
MW-9	5-Nov-02	<10	<500	<2	<1	<10	10.1	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-9	17-Apr-03	<10	<500	<2	<1	<10	10.6	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-9	4-Nov-03	<10	<500	<2	<1	<10	11.3	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-9	14-Apr-04	20.6	<500	<2	<1	<10	11.8	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-9	18-Nov-04	<10	<500	<2	7	<10	10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-9	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-9	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-9	14-Apr-06	<10	<500	<2	3	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-9	9-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-9	19-Apr-07	<10	289	2	1	17	<10	12	21	<50	<10	<10	<5	<25	122	<.2
MW-9	9-Nov-07	<10	186	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	16	<.2

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-10	6-Mar-94	<5	690	<5	<5	150	100	380	18	140	110	<10	<10	310	230	
MW-10	15-Apr-94	<3	117	<5	<.5	20	20	51	3.2	40	<3	5.6	<10	40	38	
MW-10	11-May-94	<3	103	<5	<.5	20	16	48	2	20	<3	<1	<10	40	32	
MW-10	31-May-94	<5	280	<5	<5	63	39	140	<5	55	<5	<10	<10	120	120	
MW-10	25-Aug-94	<3	143	<5	<.5	30	<20	63	2.3	30	<3	<1	<10	60	43	
MW-10	29-Sep-94	<3	103	<5	<.5	17	<20	43	3.6	<20	<3	<1	<10	50	29	
MW-10	13-Jun-95	<10	<500	2	2	111	38	339	<10	143	<20	<10	<10	313	168	<.5
MW-10	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	<.5
MW-10	31-Oct-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<1
MW-10	30-Jan-96	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10	28-Nov-96	<5	71	<1	<1	<2	14	<10	<5	<50	<5	<5	<10	<5	<10	<.2
MW-10	22-Apr-97	<5	<5	<.3	<1	31	23	<5	<5	<5	<10	<5	<10	43	98	<.2
MW-10	1-Nov-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	NS
MW-10	5-May-98	<10	<500	<2	1.3	<10	<10	<200	13	<50	<20	<10	<10	<40	720	0.34
MW-10	18-Aug-98	<10	<500	<2	4.9	<10	<10	<200	<10	<50	<20	<10	<10	<40	150	<.2
MW-10	10-Sep-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10	6-Oct-98	<10	<500	<2	1.2	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10	8-Dec-98	<10	<500	<2	2	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10	11-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10	8-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10 (dup)	8-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10	16-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.3
MW-10	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10	20-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-10	17-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-10	3-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-10	12-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-10	5-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.5
MW-10 (dup)	5-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.4
MW-10	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.4
MW-10	4-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-10	14-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-10	18-Nov-04	<10	<500	<2	2.0	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	1.1
MW-10	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10	9-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10	19-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	0.38
MW-10	9-Nov-07	<10	399	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-10d	8-Jun-01	<10	<100	<10	<10	<10	<10	30	<10	<40	<10	<10	<10	<50	<20	0.3
MW-10d	4-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-10d	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-10d	5-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-10d	17-Apr-03	10.9	<500	<2	1.1	10.1	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-10d	4-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-10d	26-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-10d	18-Nov-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10d	21-Apr-05	<10	<500	<2	5.0	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10d	11-Nov-05	<10	<500	<2	5.0	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10d	14-Apr-06	<10	<500	<2	4.0	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10d	10-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-10d	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-10d	8-Nov-07	<10	<100	<1	1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-22	9-Jun-97	<10	<500	<2	2.9	<10	130	<200	<10	66	<20	<10	<10	<40	<50	<.2
MW-22	18-Aug-97	11.9	<500	<2	4.4	<10	229	<200	14.3	164	<20	<10	<10	<40	68.6	<.2
MW-22	2-Nov-97	<10	<500	<2	1.5	<10	210	<200	12	130	<20	<10	<10	<40	230	<.2
MW-22	6-May-98	<10	<500	<2	<1	<10	110	<200	<10	51	<20	<10	<10	<40	80	<.2
MW-22	18-Aug-98	<10	<500	<2	9.6	<10	110	<200	<10	<50	<20	<10	<10	<40	210	<.2
MW-22	10-Sep-98	<10	<500	<2	<1	<10	100	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-22	6-Oct-98	<10	<500	<2	<1	<10	99	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-22	8-Dec-98	<10	<500	<2	1.9	<10	130	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-22	11-Jan-99	<10	<500	<2	1.5	<10	202	<200	<10	55	<20	<10	<10	<40	<50	<.2
MW-22	8-Feb-99	<10	<500	<2	2	<10	168	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-22	16-Apr-99	<10	<500	<2	4.1	10.1	261	<200	21	70.9	<20	<10	<10	<40	<50	<.2
MW-22	2-Dec-99	<10	<500	<2	7.4	<10	160	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-22	12-Apr-00	<10	<500	<2	6.1	<10	98.1	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-22	20-Dec-00	<10	<500	<2	2.4	<10	60.7	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-22	17-Apr-01	<10	<500	<2	1.2	<10	31.4	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-22	5-Dec-01	<10	<100	<10	<10	<10	26.9	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-22	9-Apr-02	<10	<100	<10	2.1	<10	63.5	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-22	6-Nov-02	<10	<100	<10	1.2	<10	26.5	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-22	17-Apr-03	<10	<100	<10	<1	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.25
MW-22	5-Nov-03	<10	<100	<10	1.19	11.1	30.1	<10	12.9	<40	<10	<10	<10	<50	<20	<.25
MW-22	26-Apr-04	<10	<100	<10	<1	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.25
MW-22	18-Nov-04	<10	<500	<2	3	<10	15	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-22	22-Apr-05	<10	<500	3	3	17	48	<200	62	<50	<20	<10	<10	<40	196	<.5
MW-22	11-Nov-05	<10	<500	<2	2	<10	13	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-22	14-Apr-06	<10	<500	<2	2	<10	12	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-22	10-Nov-06	<10	<500	<2	2	<10	15	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-22	20-Apr-07	<10	<100	<1	2	<10	<10	<10	<10	<50	<10	<10	<5	<25	20	<.2
MW-22	8-Nov-07	<10	<100	<1	2.8	<10	24	<10	13	<50	<10	<10	<5	<25	32	<.2

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-23	9-Jun-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23	18-Aug-97	10.3	<500	<2	2.3	<10	14.2	<200	18.8	59.1	<20	<10	<10	<40	<50	<.2
MW-23	2-Nov-97	<10	600	4.7	2.6	54	35	<200	56	110	<20	<10	<10	170	260	<.2
MW-23	5-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23	18-Aug-98	<10	<500	<2	5.4	24	10	<200	17	<50	<20	<10	<10	50	150	<.2
MW-23	10-Sep-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23	6-Oct-98	<10	<500	<2	1.6	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.26
MW-23	8-Dec-98	<10	<500	<2	1.7	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23 (dup)	8-Dec-98	<10	<500	<2	2.3	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23	11-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.20
MW-23	8-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.20
MW-23	16-Apr-99	<10	<500	<2	<1	11.2	<10	<200	23.8	<50	<20	<10	<10	<40	<50	0.7
MW-23	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.2
MW-23 (dup)	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	1.1
MW-23	20-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23	17-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-23	4-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-23	11-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-23	6-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-23	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-23 (dup)	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-23	5-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-23	26-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-23	18-Nov-14	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-23	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-23	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-23	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-23	9-Nov-06	<10	<500	<2	<1	13	<10	<200	39	<50	<20	<10	<10	<40	133	<.5
MW-23	20-Apr-07	<10	133	2	<1	10	<10	23	29	<50	<10	<10	<5	28	102	<.2
MW-23	8-Nov-07	<10	123	1	<1	<10	<10	21	21	<50	<10	<10	<5	27	92	<.2
MW-23d	5-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	80	<.2
MW-23d	18-Aug-98	<10	<500	<2	4	<10	<10	<200	<10	<50	<20	<10	<10	<40	63	<.2
MW-23d	10-Sep-98	<10	<500	<2	1.6	<10	<10	<200	11	<50	<20	<10	<10	<40	<50	<.2
MW-23d	6-Oct-98	<10	<500	<2	2.0	<10	<10	<200	<10	<50	<20	<10	<10	<40	60	0.22
MW-23d	8-Dec-98	<10	<500	<2	1.8	<10	<10	<200	<10	<50	<20	<10	<10	<40	83	<.2
MW-23d	11-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23d	8-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23d	16-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23d	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23d	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-23d	20-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.8
MW-23d	17-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-23d	4-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-23d	11-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-23d	6-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-23d	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-23d	5-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-23d	26-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-23d	18-Nov-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-23d	21-Apr-05	<10	<500	<2	2	<10	<10	<200	12	<50	<20	<10	<10	<40	55	<.5
MW-23d	11-Nov-05	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-23d	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-23d	9-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-23d	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-23d	8-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	10	<.2
MW-24	9-Jun-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-24	18-Aug-97	<10	<500	<2	1.7	<10	11.2	<200	<10	<50	<20	<10	<10	<40	52.8	<.2
MW-24	1-Nov-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	66	<.2
MW-24 (dup)	1-Nov-97	<10	<500	<2	<1	<10	<10	<200	12	<50	<20	<10	<10	<40	91	0.25
MW-24	5-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-24	18-Aug-98	<10	<500	<2	4.7	<10	<10	<200	16	<50	<20	<10	<10	<40	180	<.2
MW-24 (dup)	18-Aug-98	11	<500	2.1	8.9	12	11	<200	22	<50	<20	<10	<10	<40	290	<.2
MW-24	10-Sep-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.44
MW-24	6-Oct-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.98
MW-24	8-Dec-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.62
MW-24	8-Dec-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.62
MW-24	11-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.50
MW-24	16-Apr-99	<10	<500	<2	<1	<10	<10	<200	13.7	<50	<20	<10	<10	<40	53.1	0.4
MW-24	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-24	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.3
MW-24	20-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-24	16-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.3
MW-24 (dup)	16-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-24	3-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-24	12-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-24	5-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-24	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.4
MW-24	4-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-24	14-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-24	18-Nov-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	68	1.2
MW-24	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.65
MW-24	11-Nov-05	<10	<500	5	<1	11	<10	<200	52	<50	<20	<10	<10	<40	539	2
MW-24	14-Apr-06	<10	<500	3	2	<10	<10	<200	41	<50	<20	<10	<10	<40	492	1.2
MW-24	9-Nov-06	<10	<500	4	<1	10	<10	<200	46	<50	<20	<10	<10	<40	464	1.7
MW-24	19-Apr-07	<10	<100	1	<1	<10	<10	<10	14	<50	<10	<10	<5	<25	112	0.68
MW-24	9-Nov-07	<10	202	3.3	<1	10	<10	15	31	<50	<10	<10	<5	<25	305	0.98

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-27	4-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-27	7-Dec-98	<10	<500	<2	1	21	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-27	29-Apr-99	<10	<500	<2	2.3	<10	19	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-27	3-Dec-99	<10	<500	<2	<1	<10	13.2	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-27	12-Apr-00	<10	<500	<2	1.7	<10	14.5	<200	<10	<50	<20	<10	<10	<40	75.6	0.5
MW-27	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-27	12-Apr-02	<10	<500	<2	1.7	<10	10.5	<200	<10	<50	<20	<10	<10	<40	51.8	<.3
MW-27	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-27	26-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-27	22-Apr-05	<10	<500	3	1	11	<10	<200	<10	<50	<20	<10	<10	57	216	<.5
MW-27***	11-Nov-05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-27***	14-Apr-06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-28	1-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28	17-Aug-98	<10	<500	<2	5.6	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28	9-Sep-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28	7-Oct-98	<10	<500	<2	8.8	43	24	<200	<10	<50	<20	<10	<10	80	150	<.2
MW-28	9-Dec-98	<10	<500	<2	8.9	39	19	<200	<10	<50	<20	<10	<10	68	140	<.2
MW-28	12-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28	9-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28	19-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28	3-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-28	12-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-28	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-28	26-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-28	22-Apr-05	<10	<500	2	<1	33	13	<200	17	<50	<20	<10	<10	67	331	<.5
MW-28	13-Apr-06	<10	<500	<2	<1	12	<10	<200	<10	<50	<20	<10	<10	<40	66	<.5
MW-28	20-Apr-07	<10	<100	<1	<1	11	<10	<10	<10	<50	<10	<10	<5	<25	88	<.2
MW-28d	1-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	17-Aug-98	<10	<500	<2	1.3	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	9-Sep-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	7-Oct-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	9-Dec-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.25
MW-28d	12-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d (dup)	12-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	9-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	19-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	3-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-28d	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-28d	12-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-28d	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-28d	26-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-28d	22-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-28d	13-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-28d	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	35	<.2
MW-29d	4-May-98	<10	<500	<2	<1	13	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	17-Aug-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	9-Sep-98	<10	<500	<2	1	17	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d (dup)	9-Sep-98	<10	<500	<2	<1	11	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	7-Oct-98	<10	<500	<2	2.7	18	<10	<200	<10	<50	<20	<10	<10	<40	53	<.2
MW-29d	9-Dec-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.24
MW-29d	12-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	9-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	19-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	3-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	19-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-29d	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-29d	4-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-29d	11-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-29d	6-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-29d	18-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-29d	5-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-29d	26-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-29d	18-Nov-04	<10	<500	<2	2	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-29d	22-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-29d	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-29d	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-29d	10-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-29d	20-Apr-07	<10	<100	<1	<1	<10	<10	16	<10	<50	<10	<10	<5	<25	56	<.2
MW-29d	9-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	24	<.2

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-30	4-May-98	<10	<500	<2	<1	60	19	<200	<10	<50	<20	<10	<10	56	60	<.2
MW-30	17-Aug-98	<10	<500	<2	34	50	19	<200	<10	50	<20	<10	<10	50	190	<.2
MW-30	9-Sep-98	<10	<500	<2	<1	16	<10	<200	<10	50	<20	<10	<10	<40	140	<.2
MW-30	7-Oct-98	<10	<500	<2	1.1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-30	7-Dec-98	<10	<500	<2	2.6	20	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-30	12-Jan-99	<10	<500	<2	<1	20	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-30	9-Feb-99	<10	<500	<2	<1	20	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-30	19-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-30	3-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-30	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-30	19-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-30	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-30	4-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-30	11-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-30	6-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-30	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-30	5-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-30	28-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-30	18-Nov-04	<10	<500	<2	<1	108	41	<200	12	71	<20	<10	<10	107	89	<.5
MW-30	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-30	11-Nov-05	<10	<500	<2	<1	13	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-30	14-Apr-06	<10	<500	<2	<1	15	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-30	10-Nov-06	<10	<500	<2	<1	32	<10	<200	10	<50	<20	<10	<10	<40	83	<.5
MW-30	20-Apr-07	<10	416	3	<1	43	<10	60	18	<50	<10	<10	<5	44	150	<.2
MW-30	9-Nov-07	<10	419	3.2	<1	117	<10	160	21	52	<10	<10	<5	118	147	<.2
MW-31	1-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	17-Aug-98	<10	<500	<2	14	88	<10	<200	38	82	<20	<10	<10	81	220	<.2
MW-31	9-Sep-98	<10	<500	<2	3.3	42	<10	<200	15	<50	<20	<10	<10	<40	530	<.2
MW-31	7-Oct-98	<10	<500	<2	1.8	10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	8-Dec-98	<10	<500	<2	2.6	24	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	11-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	8-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	19-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	3-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	13-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	19-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31	17-Apr-01	<10	<500	<2	<1	16.5	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-31	6-Dec-01	<10	<100	<10	<10	55	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-31	11-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-31	6-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-31	18-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-31	5-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-31	28-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-31	18-Nov-04	<10	<500	<2	<1	64	32	<200	14	<50	<20	<10	<10	120	64	<.5
MW-31	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-31	11-Nov-05	<10	<500	<2	<1	17	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-31	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-31	9-Nov-06	<10	<500	<2	<1	15	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-31	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-31	9-Nov-07	<10	<100	1	<1	38	<10	19	22	<50	<10	<10	<5	47	32	0.22
MW-31d	1-May-98	<10	<500	3	<1	110	13	<200	19	68	<20	<10	<10	280	210	<.2
MW-31d	17-Aug-98	<10	<500	<2	8.6	10	<10	<200	<10	<50	<20	<10	<10	<40	94	<.2
MW-31d	9-Sep-98	<10	<500	<2	2.8	25	<10	<200	<10	<50	<20	<10	<10	60	260	<.2
MW-31d	7-Oct-98	<10	<500	<2	2.2	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31d	8-Dec-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31d	11-Jan-99	<10	<500	<2	<1	19.1	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31d	8-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31d	19-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31d	3-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31d	13-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31d	19-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-31d	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-31d	6-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-31d	11-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-31d	6-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-31d	18-Apr-03	<10	<500	<2	<1	10.1	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-31d	5-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-31d	28-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-31d	18-Nov-04	<10	<500	<2	<1	24	<10	<200	<10	<50	<20	<10	<10	50	<50	<.5
MW-31d	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-31d	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-31d	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-31d	9-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-31d	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	10	<.2
MW-31d	9-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-32	1-May-98	<10	<500	<2	<1	23	44	<200	<10	<50	<20	<10	<10	41	59	<.2
MW-32	17-Aug-98	<10	<500	<2	5.5	10	31	<200	<10	<50	<20	<10	<10	<40	130	<.2
MW-32	9-Sep-98	<10	<500	<2	5.4	34	45	<200	<10	54	<20	<10	<10	60	240	<.2
MW-32	6-Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<10	NS	NS	NS
MW-32	7-Dec-98	<10	<500	<2	8	40	42	<200	<10	77	<20	<10	<10	74	85	<.2
MW-32	11-Jan-99	<10	<500	<2	<1	<10	26.5	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-32	8-Feb-99	<10	<500	<2	<1	<10	24	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-32	19-Apr-99	<10	<500	<2	<1	<10	28.1	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-32	3-Dec-99	<10	<500	<2	<1	<10	25.1	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-32	13-Apr-00	<10	<500	<2	1.2	<10	40.9	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-32	19-Dec-00	<10	<500	<2	1.0	<10	25.8	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-32	17-Apr-01	<10	<500	<2	<1	<10	22.8	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-32	4-Dec-01	<10	<100	<10	<10	<10	14.7	<10	<10	<40	<10	<10	<10	<50	<20	<.3
MW-32	11-Apr-02	<10	<500	<2	<1	<10	12.1	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-32	6-Nov-02	<10	<500	<2	<1	<10	12.2	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-32	18-Apr-03	<10	<500	<2	1.4	<10	24	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-32	4-Nov-03	<10	<500	<2	<1	<10	10.3	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-32	28-Apr-04	<10	<500	<2	<1	<10	10.5	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-32	18-Nov-04	<10	<500	<2	<1	<10	11	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-32	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-32	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-32	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-32	9-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-32	20-Apr-07	<10	<100	<1	<1	<10	<10	18	<10	<50	<10	<10	<5	<25	21	<.2
MW-32	9-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	29	<.2
TB-1a	1-May-98	<10	<500	<2	1.1	<10	<10	<200	<10	<50	<20	14	<10	<40	50	
TB-1a	17-Aug-98	<10	<500	<2	9.3	21	20	<200	<10	<50	<20	<10	<10	<40	130	<.2
TB-1a	9-Sep-98	<10	<500	<2	2.6	14	16	<200	<10	<50	<20	<10	<10	<40	160	<.2
TB-1a	7-Oct-98	<10	<500	<2	4.0	17	14	<200	<10	<50	<20	<10	<10	<40	<50	<.2
TB-1a (dup)	7-Oct-98	<10	<500	<2	2.1	<10	14	<200	<10	<50	<20	<10	<10	<40	<50	<.2
TB-1a	9-Dec-98	<10	<500	<2	3.0	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.22
TB-1a	11-Jan-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
TB-1a	8-Feb-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
TB-1a	19-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
TB-1a	3-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
TB-1a	13-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
TB-1a	20-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
TB-1a	17-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
TB-1a	3-Dec-01	<10	<100	<10	<10	<10	<10	17.3	<10	<40	<10	<10	<10	<50	<20	<.3
TB-1a	12-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
TB-1a	5-Nov-02	<10	<500	<2	2.2	12.7	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
TB-1a	17-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
TB-1a	4-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
TB-1a	14-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
TB-1a	18-Nov-04	<10	<500	<2	2.0	20	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
TB-1a	21-Apr-05	<10	<500	<2	2.0	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
TB-1a	11-Nov-05	<10	<500	<2	2.0	12	<10	<200	<10	<50	<20	<10	<10	<40	67	0.95
TB-1a	14-Apr-06	<10	<500	<2	3.0	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	0.88
TB-1a	9-Nov-06	<10	<500	<2	5.0	17	<10	<200	<10	<50	<20	<10	<10	<40	87	2.5
TB-1a	19-Apr-07	<10	205	<1	39	14	<10	88	14	<50	<10	<10	<5	30	262	1.9
TB-1a	9-Nov-07	<10	<100	<1	8	<10	<10	29	<10	<50	<10	<10	<5	<25	51	<.2
TB-1a deep	8-Jun-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
TB-1a deep	6-Dec-01	<10	<100	<10	<10	<10	<10	<10	<10	<40	<10	<10	<10	<50	<20	<.3
TB-1a deep	11-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
TB-1a deep	6-Nov-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
TB-1a deep	18-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
TB-1a deep	4-Nov-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
TB-1a deep	28-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
TB-1a deep	18-Nov-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
TB-1a deep	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
TB-1a deep	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
TB-1a deep	14-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
TB-1a deep	10-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
TB-1a deep	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
TB-1a deep	9-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-33	6-Aug-98	<10	<500	<2	5.8	46	18	<200	<10	<50	<20	<10	<10	73	110	<.2
MW-33	7-Dec-98	<10	<500	<2	2.7	18	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-33	26-Apr-99	<10	<500	<2	<1	15.5	<10	<200	<10	<50	<20	<10	<10	<40	58.5	<.2
MW-33	2-Dec-99	<10	<500	<2	<1	18.1	<10	<200	<10	<50	<20	<10	<10	<40	61	<.2
MW-33	13-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-33	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-33	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-33	16-Apr-03	<10	<500	<2	1.2	26.9	11.8	<200	<10	<50	<20	<10	<10	47.1	71.5	<.25
MW-33	21-Apr-04	<10	<500	<2	<1	10.5	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-33	22-Apr-05	<10	660	3	<1	54	18	<200	32	<50	<20	<10	<10	92	885	<.5
MW-33	14-Apr-06	<10	<500	3	<1	47	15	<200	27	<50	<20	<10	<10	80	699	<.5
MW-33	20-Apr-07	<10	<100	<1	<1	19	<10	14	<10	<50	<10	<10	<5	30	1165	<.2

Table 4a
Detected Groundwater Constituents - Metals
North Wake Unlined Landfill

Monitor Well	Sample Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
NC Standard		50	2000	2*	1.75	50	2*	1000	15	100	50	17.5	2000*	25*	1050	1.05
MW-34	6-Aug-98	<10	<500	4.9	8.4	43	20	<200	<10	64	<20	<10	<10	110	180	<.2
MW-34	7-Dec-98	<10	<500	<2	2.2	14	<10	<200	<10	<50	<20	<10	<10	<40	59	<.2
MW-34	26-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	73.2	<.2
MW-34	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-34	13-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-34	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-34	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-34	16-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-34	21-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	10.3	<40	<50	<.25
MW-34	22-Apr-05	<10	1108	10	1.0	29	<10	<200	33	<50	<20	<10	<10	74	439	<.5
MW-34	13-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-34	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	16	<.2
MW-34d	6-Aug-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-34d (dup)	6-Aug-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-34d	7-Dec-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-34d	26-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-34d	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-34d	13-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-34d	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-34d	9-Apr-02	<10	<500	<2	<1	12.5	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-34d	16-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-34d	21-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-34d	22-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-34d	13-Apr-06	<10	<500	<2	4	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-34d	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
MW-35	6-Aug-98	<10	<500	4.3	9.8	47	30	<200	<10	52	<20	<10	<10	120	130	<.2
MW-35	7-Dec-98	<10	<500	<2	4.6	22	15	<200	<10	79	<20	<10	<10	43	74	<.2
MW-35	26-Apr-99	<10	<500	<2	<1	<10	13	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-35	2-Dec-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-35	13-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
MW-35	18-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-35	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.3
MW-35	16-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-35	21-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.25
MW-35	22-Apr-05	<10	<500	5	<1	19	<10	<200	18	<50	<20	<10	<10	52	134	<.5
MW-35	13-Apr-06	<10	<500	2	<1	10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.5
MW-35	20-Apr-07	<10	316	6	1	39	10	55	19	<50	<10	<10	<5	109	149	<.2
SW-2	13-Jun-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	31-Oct-95	<10	<500	<2	2	<1	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	28-Nov-96	<5	25	<1	<1	<2	2	<10	<5	<50	<5	<5	<10	<5	21	<.2
SW-2	21-Apr-97	<5	29	<.3	<1	<5	<5	<5	<5	<5	<10	<5	<10	<5	<20	<.2
SW-2	5-Nov-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-2	11-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-2	24-Nov-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-2	14-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-2	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	16-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	29-Oct-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	8-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	18-Nov-04	<10	<500	<2	1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	13-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	9-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-2	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
SW-2	7-Nov-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	
SW-3	13-Jun-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	31-Oct-95	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	27-Nov-96	<5	33	<1	<1	<2	2	<10	<5	<50	<5	<5	<10	<5	32	<.2
SW-3	21-Apr-97	<5	19	<.3	<1	<5	<5	<5	<5	<5	<10	<5	<10	<5	<20	<.2
SW-3	1-Nov-97	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	56	<.2
SW-3	11-May-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-3	24-Nov-98	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-3	14-Apr-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-3	30-Nov-99	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-3	12-Apr-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	<.2
SW-3	15-Dec-00	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	16-Apr-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	29-Nov-01	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	9-Apr-02	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	16-Apr-03	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	29-Oct-03	<10	<500	<2	<1	11.1	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	8-Apr-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	18-Nov-04	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	21-Apr-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	11-Nov-05	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	13-Apr-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	9-Nov-06	<10	<500	<2	<1	<10	<10	<200	<10	<50	<20	<10	<10	<40	<50	
SW-3	20-Apr-07	<10	<100	<1	<1	<10	<10	<10	<10	<50	<10	<10	<5	<25	<10	<.2
SW-3	7-Nov-07	<10	<100	<1	1	<10	<10	<10	<10	<50	<10	<10	<5	<25	13	

All units are in micrograms per liter (parts per billion).
–MW-10 was installed inside landfill fence on April 1, 1998.
–MW-23D was installed on April 27, 1998.
–MW-5 was re-installed on July 24, 1998.
–MW-8 was re-installed on April 11, 2000.
–MW-6d, -8d, 10d, and TB-1a deep installed June 2001.
–MW-5R was installed on January 30, 2004.
*-groundwater protection standard
**-New background well; NS - Not Sampled; dup - duplicate sample
- Concentration exceeds N.C. Groundwater Standards (2L) or grounwater protection standard.
NS - Not Sampled
***-MW-27 was damaged and to be abandoned; well will not be sampled further.

Table 4b
Detected Constituents - Volatile Organic Compounds
North Wake Unlined Landfill

Monitor Well	Sample Date	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans-1,2-Dichloroethene	MEK (2-Butanone)	3&4-Methylphenol	1,2,3-Trichloropropane
NC Standard		1	0.38	200	2.8	2800	70	70	1.4	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	700	0.02	1400		100	4200	353.5*	0.01
MW-1	15-Apr-94	<1	<.5	<.5	<.5	<1	<.5	<.5	<1	<.5	<1.0	<.5	<1	<1	<1	<1	<1	<1	<.5	<2	<20	<1			<.5	<20		
MW-1	11-May-94	<1	<.5	<.5	<.5	<1	<.5	<.5	<1	<.5	<1	<.5	<1	<1	<1	<1	<1	<1	<.5	<2	<20	<1			<.5	<20		
MW-1	25-Aug-94	<1	<.5	<.5	<.5	<1	<.5	<.5	<1	<.5	<1	<.5	<1	<1	<1	<1	<1	<1	<.5	<2	<20	<1			<.5	<20		
MW-1	29-Sep-94	<1	<.5	<.5	<.5	<1	<.5	<.5	<1	<.5	<1	<.5	<1	<1	<1	<1	<1	<1	<.5	<2	<20	<1			<.5	<20		
MW-1	13-Jun-95	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-1	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<5	NS	NS	NS		
MW-11**	31-Oct-95	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11	22-Mar-96	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11	27-Nov-96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<2	<25	<1	<5	<1	<1	<25		
MW-11	22-Apr-97	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<1	<2	<20	<1	<1	<1	<1	<20		
MW-11	31-Oct-97	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11	11-May-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11	8-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11	14-Apr-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	<10	
MW-11	30-Nov-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11	5-Apr-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11	18-Dec-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11	18-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11	27-Nov-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11	5-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11	5-Nov-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11	15-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11	30-Oct-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11	21-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-11	18-Nov-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11	21-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11	11-Nov-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11	10-Nov-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11	20-Apr-07	<3	<3	<5	<3	<5	<5	<5	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-11	8-Nov-07	<1	<1	<1	<1	<10	<5	<5	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	<1	<5	<1	<5	<100		<1
MW-11d	31-Oct-95	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11d	22-Mar-96	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11d	27-Nov-96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<2	<25	<1	<5	<1	<1	<25		
MW-11d	22-Apr-97	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<1	<2	<20	<1	<1	<1	<1	<20		
MW-11d	31-Oct-97	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11d	11-May-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11d	8-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11d	14-Apr-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	<10	
MW-11d	30-Nov-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-11d	5-Apr-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11d	18-Dec-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11d	18-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11d	27-Nov-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11d	5-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11d	5-Nov-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11d	15-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11d	30-Oct-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-11d	21-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-11d	18-Nov-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11d	21-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11d	11-Nov-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11d	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11d	10-Nov-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-11d	4/40/2007	<3	<3	<5	<3	<5	<5	<5	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-11d	8-Nov-07	<1	<1	<1	<1	<10	<5	<5	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	<1	<5	<1	<5	<100		<1
MW-5	6-Mar-94	4.9	<.5	5.3	14	<.5	<.5	2.1	<.5	150	<.5	0.84	<.5	9.2	<.5	17	<.5	<.5	6.3	3.23	<5	2			<.5	<5		
MW-5	15-Apr-94	4.2	1.1	<.5	11.8	35.7	<.5	1.5	<1	99.6	<1	1.2	<1	17.9	<1	11.7	<1	5.7	6.3	<2	<20	<1			<.5	<20		
MW-5	11-May-94	2.4	<.5	<.5	8.2	24	<.5	<.5	<1	74	<1	1.1	2	26	<1	11	<1	5.7	4.9	<2	<20	<1			<.5	<20		
MW-5	31-May-94	3.1	<.5	7.2	8.1	<.5	0.6	1.2	<.5	47	<.5	1.2	<.5	31	<.5	13	<.5	<.5	5.4	2.72	<5	<.5			<.5	<5		
MW-5	10-Jun-94	2.8	<.5	7.6	7.1	24.5	<.5	1.2	<1	71.8	<1	1.4	<1	34.1	<1	12.4	<1	<1	3.6	<2	<20	<1			<.5	<20		
MW-5	30-Sep-94	1.9	<.5	8.9	<.5	18.7	<.5	<.5	<1	41.6	<1	<1	<1	34.7	<1	<1	<1	10.9	4.6	<2	<20	<1			<.5	<20		
MW-5	13-Jun-95	10	<5	<5	19	48	<5	8	<5	<5	<5	<5	<5	<5	<5	20	<5	<10	10	<5	<100	<10	22	<5	196	<100		
MW-5	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	35	NS	NS	NS		
MW-5	31-Oct-95	9	<5	<5	11	61	<5	14	<5	230	<5	<5	<5	<5	<5	18	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-5 (dup)	31-Oct-95	9	<5	<5	16	53	<5	14	<5	210	<5	<5	<5	<5	<5	15	<5	<10	9	<5	<100	<10	<5	<5	<5	<100		
MW-5	30-Jan-96	10	<5	<5	17	50	<5	23	<5	198	<5	<5	<5	<5	<5	<10	<5	<10	7	<5	<100	<10	16	<5	<5	<100		
MW-5	28-Nov-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-5	22-Apr-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-5	1-Nov-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-5	6-May-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-5	8-Dec-98	7.9	<5	<5	17	20	<5	15	6.0	74	<5	<5	<5	<5	<10	79	<5	<10	11	6.5	<100	<10	10	<5	<5	<100		
MW-5	16-Apr-99	8	<10	<10	14	22	<10	42	<10	87	<10	<10	<10	<10	<10	100	<10	<10	8	<20	<250	<10	<10	<10	<10	<250	26	
MW-5	2-Dec-99	6	<5	<5	16	<10	<5	72	<5	60	<5	<5	<5	<5	<10	<10	<5	<10	6	<10	<125	<10	<25	<5	<5	<125		
MW-5	11-Apr-00	6	<5	<5	22	14	<5	34	11.0	70	<5	<5	<5	<5	<10	<10	<5	<10	10	<10	<125	<10	<25	<5	<5	<125		140
MW-5	20-Dec-00	<5	<5	<5	14	<10	<5	17	<5	39	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-5	16-Apr-01	<5	<5	<5	17	<10	<5	29	7.0	44	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-5	3-Dec-01	<5	<5	<5	12	<10	<5	20	<5	31	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-5	12-Apr-02	<5	<5	<5	16	<10	<5	33	7.0	32	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-5	5-Nov-02	<5	<5	<5	15	10	<5	31	6.0	26	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-5	17-Apr-03	<5	<5	<5	11	<10	<5	44	14.0	24	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-5	4-Nov-03	<5	<5	<5	<5	<10	<5	<5	8	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	540	<10	<5	<5	<5	360		<15
MW-5	4-Nov-03	<5	<5	<5	<5	<10	<5	<5	8	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	490	<10	<5	<5	<5	360		<15
MW-5	14-Apr-04	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	1000	<4	<4	<4	<4	<4	<4	<12	<100	<4	<4	<4	<4	<20		<4
MW-5	18-Nov-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-5	21-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-5	11-Nov-05	<5	<5	<5	<5	<10	<5	6	9.2	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-5	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-5	9-Nov-06	<5	<5	<5	<5	<10	<5	8.6	5.6	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-5	19-Apr-07	<3	<3	<5	<3	<5	<5	6.7	8.8	6.9	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-5	8-Nov-07	4.9	<1	<1	2.6	<10	<5	20.5	8.8	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	13	<5	<1	<5	<100		<1
MW-5R	21-Apr-04	<10	<10	<10	<10	<10	<10	56.2	16.5	13.1	<10	<10	<10	<10	<20	<20	<10	<20	<10	<8	<200	<20	<10	<10	<10	<200		<30

Table 4b
Detected Constituents - Volatile Organic Compounds
North Wake Unlined Landfill

Monitor Well	Sample Date	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans-1,2-Dichloroethene	MEK (2-Butanone)	3&4-Methylphenol	1,2,3-Trichloropropane
NC Standard		1	0.38	200	2.8	2800	70	70	1.4	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	700	0.02	1400		100	4200	3/53.5*	0.01
MW-6	6-Mar-94	1.7	<.5	5.9	4.6	<.5	0.83	<.5	<.5	34	<1	0.99	<.5	3.9	<.5	37	<.5	3.4	2.42	<5	<.5				<.5	<5		
MW-6	15-Apr-94	<1	<.5	<.5	2.1	8.5	<.5	<.5	<1	12.5	<1	<.5	<1	2.6	<1	21	<1	1.2	1.9	<2	<20	<1			<.5	<20		
MW-6	11-May-94	<1	<.5	<.5	4.9	18.4	<.5	<.5	<1	28.7	<1	<.5	<1	2.6	<1	64.2	<1	1.2	2.3	<2	<20	<1			<.5	<20		
MW-6 (dup)	1-Jun-94	3.7	<.5	14	7.5	<.5	4.3	<.5	<.5	50	<.5	<.5	<.5	11	<.5	130	<.5	<1	7	16.6	<5	<.5			<.5	<5		
MW-6	25-Aug-94	<1	<.5	<.5	<5	22	<.5	<.5	<1	36	<1	<.5	<1	<5	<1	79.8	<1	<1	<5	<2	<20	<1			<.5	<20		
MW-6	29-Sep-94	2	<.5	1.4	<.5	18	<.5	<.5	<1	34	<1	<.5	<1	<1	<1	6.1	<1	66	3	<2	<20	<1			<.5	<20		
MW-6	13-Jun-95	<5	<5	<5	6	19	<5	<5	<5	28	<5	<5	<5	<5	<5	61	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-6	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<5	NS	NS	NS		
MW-6	31-Oct-95	<5	<5	<5	6	22	<5	<5	<5	32	<5	<5	<5	<5	<5	56	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-6	30-Jan-96	6	<5	<5	11	37	<5	<5	<5	61	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-6	29-Nov-96	<10	<10	<10	16	34	<10	<10	<10	41	<10	<10	<10	<10	<10	91	<10	<10	<10	<20	<250	<10	<50	<10	<10	<250		
MW-6	22-Apr-97	5.4	<1	<1	15	37	<5	6.7	<1	29	<1	<1	<1	<1	<1	88	<1	<5	<1	<2	<20	<1	<1	<1	<1	<20		
MW-6	2-Nov-97	6.1	<5	<5	16	28	<5	7.8	<5	28	<5	<5	<5	<5	<10	90	<5	<10	5.2	<5	<100	<10	<5	<5	<5	<100		
MW-6	6-May-98	<10	<10	<10	17	29	<10	13	<10	34	<10	<10	<10	<10	<20	140	<10	<20	<10	<10	<200	<20	<10	<10	<10	<200		
MW-6 (dup)	6-May-98	<10	<10	<10	19	30	<10	14	<10	35	<10	<10	<10	<10	<20	140	<10	<20	<10	<10	<200	<20	<10	<10	<10	<200		
MW-6	8-Dec-98	<10	<10	<10	19	26	<10	14	<10	40	<10	<10	<10	<10	<20	180	<10	<20	<10	<10	<200	<20	<10	<10	<10	<200		
MW-6	16-Apr-99	5	<10	<10	11	16	<10	<10	<10	26	<10	<10	<10	<10	<20	110	<10	<20	<10	<10	<250	<20	<10	<10	<10	<250	<10	
MW-6	2-Dec-99	<5	<5	<5	6	<10	<5	7	<5	12	<5	<5	<5	<5	<10	67	<5	<10	<5	<10	<125	<10	<25	<5	<5	<125		
MW-6	11-Apr-00	<5	<5	<5	6	<10	<5	7	<5	12	<5	<5	<5	<5	<10	63	<5	<10	<5	<10	<125	<10	<25	<5	<5	<125		<15
MW-6	19-Dec-00	<5	<5	<5	<5	<10	<5	<5	<5	6	<5	<5	<5	<5	<10	20	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6	16-Apr-01	<5	<5	<5	<5	<10	<5	6	<5	8	<5	<5	<5	<5	<10	46	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6	3-Dec-01	<5	<5	<5	<5	<10	<5	6	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6	12-Apr-02	<5	<5	<5	<5	<10	<5	5	<5	7	<5	<5	<5	<5	<10	26	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6	5-Nov-02	<5	<5	<5	<5	<10	<5	5	<5	<5	<5	<5	<5	<5	<10	10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6	17-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6	4-Nov-03	<5	<5	<5	<5	<10	<5	6	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6	14-Apr-04	<5	<5	<5	<5	<10	<5	5.7	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-6	18-Nov-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6	21-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6	11-Nov-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6	9-Nov-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6	19-Apr-07	<3	<3	<5	<3	<5	<5	<5	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-6	8-Nov-07	3.3	<1	<1	<1	<10	<5	<5	7.4	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	3.4	<5	<1	<5	<100		<1
MW-6d	8-Jun-01	<5	<5	<5	<5	<10	<5	6	<5	8	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6d	4-Dec-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6d	9-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6d	7-Nov-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6d	16-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6d	4-Nov-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-6d	21-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-6d	18-Nov-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6d	21-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6d	11-Nov-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6d	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6d	9-Nov-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-6d	20-Apr-07	<3	<3	<5	<3	<5	<5	<5	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-6d	8-Nov-07	<1	<1	<1	<1	<10	<5	<5	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	<1	<5	<1	<5	<100		<1
MW-7	6-Mar-94	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<5	<.5			<.5	<5		
MW-7	15-Apr-94	<1	<.5	<.5	<1	<1	<.5	<.5	<1	<.5	<1	<.5	<1	<1	<1	<1	<1	<1	<.5	<2	<20	<1			<.5	<20		
MW-7	11-May-94	<1	<.5	<.5	<1	<1	<.5	<.5	<1	<.5	<1	<.5	<1	<1	<1	<1	<1	<1	<.5	<2	<20	<1			<.5	<20		
MW-7	31-May-94	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<5	<.5			<.5	<5		
MW-7	25-Aug-94	<1	<.5	<.5	<1	<1	<.5	<.5	<1	<.5	<1	<.5	<1	<1	<1	<1	<1	<1	<.5	<2	<20	<1			<.5	<20		
MW-7	29-Sep-94	<1	<.5	<.5	<1	<1	<.5	<.5	<1	<.5	<1	<.5	<1	<1	<1	<1	<1	<1	<.5	<2	<20	<1			<.5	<20		
MW-7	13-Jun-95	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-7	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<5	NS	NS	NS		
MW-7	31-Oct-95	<5	<5	<5	<5	11	<5	<5	<5	5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-7	30-Jan-96	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-7	29-Nov-96	<2	<2	<2	5	22	<2	2	<2	9	<2	<2	<2	<2	<2	<2	<2	<2	4	<4	<50	<2	<10	<2	<2	<50		
MW-7	21-Apr-97	<1	<1	<1	<1	19	<5	5.9	<1	11	<1	<1	<1	<1	<1	<1	<1	<5	<1	<2	<20	<1	<1	<1	<1	<20		
MW-7	1-Nov-97	<5	<5	<5	<5	26	<5	6.2	<5	10	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-7	6-May-98	<5	<5	<5	<5	24	<5	21	<5	17	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-7	8-Dec-98	7.2	<5	<5	5.2	32	<5	36	<5	20	<5	<5	<5	<5	<10	12	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-7	16-Apr-99	<5	<5	<5	<5	21	<5	24	<5	14	<5	<5	<5	<5	<10	<20	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	<10	
MW-7	2-Dec-99	<5	<5	<5	<5	<10	<5	16	<5	9	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-7	11-Apr-00	<5	<5	<5	<5	<10	<5	17	<5	8	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7 (dup)	11-Apr-00	<5	<5	<5	<5	<10	<5	17	<5	8	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7	19-Dec-00	<5	<5	<5	<5	<10	<5	10	<5	5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7 (dup)	19-Dec-00	<5	<5	<5	<5	<10	<5	12	<5	6	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7	16-Apr-01	<5	<5	<5	<5	<10	<5	13	<5	6	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7	4-Dec-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7	9-Apr-02	<5	<5	<5	<5	<10	<5	7	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7	6-Nov-02	<5	<5	<5	<5	<10	<5	12	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7	16-Apr-03	<5	<5	<5	<5	<10	<5	24	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7	5-Nov-03	<5	<5	<5	<5	<10	<5	15	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-7	21-Apr-04	<5	<5	<5	<5	<10	<5	18.3	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-7 (dup)	21-Apr-04	<5	<5	<5	<5	<10	<5	19.9	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-7	18-Nov-04	<5	<5	<5	<5	<10	<5	16.4	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-7	21-Apr-05	<5	<5	<5	<5	<10	<5	26	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-7	11-Nov-05	<5	<5	<5	<5	<10	<5	12.2	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-7	14-Apr-06	<5	<5	<5	<5	<10	<5	19.3	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-7	9-Nov-06	<5	<5	<5	<5	<10	<5	27.2	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-7	20-Apr-07	<3	<3	<5	<3	<5	<5	24.3	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	5.4	<5	<3	<5	<100		<8
MW-7	8-Nov-07	3.5	<1	<1	<1	<10	<5	22.3	2.7	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	7.7	<5	<1	<5	<100		<1

Table 4b
Detected Constituents - Volatile Organic Compounds
North Wake Unlined Landfill

Monitor Well	Sample Date	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans-1,2-Dichloroethene	MEK (2-Butanone)	3&4-Methylphenol	1,2,3-Trichloropropane
NC Standard		1	0.38	200	2.8	2800	70	70	1.4	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	700	0.02	1400		100	4200	3573.5*	0.01
MW-8	6-Mar-94	6.8	1	18	18	<.5	2.2	7.6	3.2	13	<1	1.3	4	7.3	<.5	450	0.56	<.5	7.5	35.6	<5	0.76			<.5	<5		
MW-8	15-Apr-94	7.9	1.8	<.5	17.5	39.8	1.3	8.9	4.9	88.6	3	1.5	5	5.1	<1	310	1.4	8.8	8.1	39.7	<20	<1			<.5	<20		
MW-8	11-May-94	5.8	<2.5	<2.5	15	34	<2.5	<2.5	<5	83	<5	<2.5	<5	<5	<1	278	<5	<1	7	27.1	<20	<1			<.5	<20		
MW-8	31-May-94	12	2.6	16	29	<.5	1.1	23	13	110	<5	1.6	11	4.4	3.1	310	<.5	<.5	18	89	<5	<.5			<.5	<5		
MW-8	25-Aug-94	<5	<5	<5	<5	51.3	<5	<5	<5	109	<5	<5	<5	<5	<1	400	<5	<1	<5	32	<20	<1			<.5	<20		
MW-8	30-Sep-94	5.8	<.5	8.9	13	35	<2.5	5.6	5.2	86	<5	<2.5	<5	<5	<1	300	<5	12.2	<5	22.8	<20	<1			<.5	<20		
MW-8	13-Jun-95	<5	<5	<5	6	15	<5	<5	<5	36	<5	<5	<5	<5	<5	47	<5	<10	<5	19	<100	<10	<5	<5	<5	<100		
MW-8	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<5	NS	NS	NS		
MW-8	31-Oct-95	8	<5	<5	14	40	8	23	<5	72	<5	<5	<5	<5	<5	137	32	<10	9	<5	<100	<10	8	<5	<5	<100		
MW-8	30-Jan-96	10	<5	<5	23	37	<5	34	<5	71	<5	<5	<5	<5	<5	123	<5	<10	18	58	<100	<10	10	<5	<5	<100		
MW-8	29-Nov-96	4	<1	1	12	15	<1	24	3	18	<1	<1	<1	<1	<1	23	<1	<1	13	13	<25	<1	5	8	<1	<25		
MW-8	21-Apr-97	<1	<1	<1	8.1	<5	<1	20	<1	10	<1	<1	<1	<1	<1	16	<1	<5	8.3	<2	<20	<1	<1	<1	<1	<20		
MW-8	2-Nov-97	<5	<5	<5	5.2	<10	<5	22	<5	6.3	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-8	6-May-98	5.7	<5	<5	8.7	<10	<5	56	<5	15	<5	<5	<5	<5	<10	13	<5	<10	7.8	6.1	<100	<10	<5	<5	<5	<100		
MW-8	8-Dec-98	<5	<5	<5	5.2	<10	<5	37	<5	7.9	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-8	16-Apr-99	<5	<5	<5	6	<10	<5	55	6	13	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-8 (dup)	16-Apr-99	<5	<5	<5	<5	<10	<5	41	<5	10	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	<10	
MW-8	2-Dec-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-8	11-Apr-00	<5	<5	<5	<5	<10	<5	12	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8	20-Dec-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8	16-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8	3-Dec-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8	12-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8	5-Nov-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8	17-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8	4-Nov-03	<5	<5	<5	<5	<10	<5	12	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8	14-Apr-04	<5	<5	<5	<5	<10	<5	7.9	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-8	18-Nov-04	<5	<5	<5	<5	<10	<5	7.9	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8	21-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8	11-Nov-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8	9-Nov-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8	20-Apr-07	<3	<3	<5	<3	<5	<5	18.9	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-8	8-Nov-07	<1	<1	<1	<1	<10	<5	6.6	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	<1	<5	<1	<5	<100		<1
MW-8d	8-Jun-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8d	4-Dec-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8d	9-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8d (dup)	9-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8d	7-Nov-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8d	16-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8d	4-Nov-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-8d	21-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-8d	18-Nov-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8d	21-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8d	11-Nov-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8d	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8d	10-Nov-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-8d	20-Apr-07	<3	<3	<5	<3	<5	<5	<5	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-8d	8-Nov-07	<1	<1	<1	<1	<10	<5	<5	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	<1	<5	<1	<5	<100		<1
MW-9	6-Mar-94	5.3	<.5	7	8.7	<.5	5.8	<.5	1.6	100	<.5	1.3	6	4.2	<.5	680	0.73	<.5	6.6	15.2	<5	0.96			<.5	<5		
MW-9	15-Apr-94	5.6	<.5	<.5	12.4	14.1	4.9	0.7	2.4	96.8	<1	1.8	1.6	3.6	<1	357	<5	7.3	8.2	17.3	<20	<1			<.5	<20		
MW-9	11-May-94	6.8	<.5	<2.5	13	<5	5	<2.5	<2.5	134	<1	<2.5	<5	<5	<1	357	<5	20.1	7.6	20.5	<20	<1			<.5	<20		
MW-9	31-May-94	8.2	<.5	8.7	14	<.5	6.6	<.5	3.4	170	<.5	1.7	1.7	3.6	<.5	460	<.5	<.5	8.8	23.3	<5	<.5			<.5	<5		
MW-9	25-Aug-94	<5	<.5	<5	<5	<10	<5	<5	<5	165	<1	<2.5	<5	<5	<1	558	<5	<1	<5	<10	<20	<1			<.5	<20		
MW-9	29-Sep-94	7	<.5	6.5	<2.5	<5	5.1	<2.5	<5	131	<1	<2.5	<5	<5	<1	400	<5	<1	8.2	16	<20	<1			<.5	<20		
MW-9	13-Jun-95	11	<5	7	23	20	<5	<5	<5	203	<5	<5	<5	<5	<5	258	<5	<10	11	8	<100	<10	28	<5	<5	<100		
MW-9	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	41	NS	NS	NS		
MW-9	31-Oct-95	15	<5	6	27	29	<5	<5	<5	310	<5	<5	<5	<5	<5	278	<5	<10	14	14	<100	<10	44	<5	<5	<100		
MW-9	30-Jan-96	14	<5	<5	23	22	<5	<5	<5	270	<5	<5	<5	<5	<5	<10	<5	11	8	6	<100	<10	33	<5	<5	<100		
MW-9	29-Nov-96	22	<20	<20	31	<20	<20	<20	<20	280	<20	<20	<20	<20	<20	<100	<20	<20	<20	<40	<500	<20	<100	<20	<20	<500		
MW-9	22-Apr-97	24	<2.5	<2.5	28	<13	<13	<2.5	6.6	220	<2.5	<2.5	<2.5	<2.5	<2.5	<13	<2.5	<13	<2.5	14.2	<50	<2.5	16	<2.5	<2.5	<50		
MW-9	2-Nov-97	<25	<25	<25	<25	<50	<25	<25	<25	200	<25	<25	<25	<25	<50	<50	<25	<50	<25	<50	<500	<50	32	<25	<25	<500		
MW-9	6-May-98	17	<12	<12	32	<25	<12	<12	<12	210	<12	<12	<12	<12	<25	<25	<12	<25	13	<12	<250	<25	31	<12	<12	<250		
MW-9	8-Dec-98	14	<10	<10	31	<20	<10	<10	<10	200	<10	<10	<10	<10	<20	<20	<10	<20	13	<10	<200	<20	53	<10	<10	<200		
MW-9	16-Apr-99	7	<10	<10	20	<20	<10	<10	<10	140	<10	<10	<10	<10	<20	<20	<10	<10	7	<20	<250	<10	49	<10	<10	<250	<10	
MW-9	2-Dec-99	<5	<10	<10	20	<20	<10	<10	<10	120	<10	<10	<10	<10	<20	<50	<10	<10	<10	<20	<250	<10	<50	<10	<10	<250		
MW-9	11-Apr-00	<5	<10	<10	20	<20	<10	<10	<10	110	<10	<10	<10	<10	<20	<50	<10	<10	<10	<20	<250	<10	<50	<10	<10	<250		<15
MW-9	20-Dec-00	<10	<10	<10	18	<10	<10	<10	<10	100	<10	<10	<10	<10	<20	<50	<10	<10	<10	<20	<250	<10	25	<10	<10	<250		<15
MW-9	16-Apr-01	<5	<5	<5	15	<10	<5	6	<5	93	<5	<5	<5	<5	<10	<20	<5	<10	6	<8	<100	<10	20	<5	<5	<100		<15
MW-9	3-Dec-01	<5	<5	<5	5	<10	<5	20	<5	100	<5	<5	<5	<5	<10	<20	<5	<10	<5	<8	<100	<10	25	<5	<5	<100		<15
MW-9 (dup)	3-Dec-01	<5	<5	<5	<5	<10	<5	19	<5	89	<5	<5	<5	<5	<10	<20	<5	<10	<5	<8	<100	<10	20	<5	<5	<100		<15
MW-9	12-Apr-02	<5	<5	<5	<5	<10	<5	21	<5	97	<5	<5	<5	<5	<10	<20	<5	<10	<5	<8	<100	<10	<5	<5	<5	<100		<15
MW-9	5-Nov-02	<5	<5	<5	<5	<10	<5	20	<5	84	<5	<5	<5	<5	<10	<10	<5	<10	<5	<8	<100	<10	19	<5	<5	<100		<15
MW-9	17-Apr-03	5	<5	<5	<5	<10	<5	29	<5	100	<5	<5	6	<5	<10	<10	<5	<10	<5	<5	<100	<10	19	<5	<5	<100		<15
MW-9	4-Nov-03	5	<5	<5	<5	<10	<5	28	<5	83	<5	<5	13	<5	<10	<10	<5	<10	<5	8	<100	<10	<5	<5	<5	<100		<15
MW-9	14-Apr-04	5.88	<2	<2	<2	<2	<2	27	5.5	96	<2	<2	15	<2	<2	<2	2.5	<2	<2	7.4	<50	6.2	11.8	<2	<2	<10		<2
MW-9	18-Nov-04	<5	<5	<5	<5	<10	<5	6.4	5.2	73.7	<5	<5	6.6	<5	<10	<10	<5	<10	<5	<5	<100	28.5	13.2		<5	<100		<15
MW-9	21-Apr-05	<5	<5	<5	<5	<10	<5	<5	5.2	69.6	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	29.8	9.5		<5	<100		<15
MW-9	11-Nov-05	<5	<5	<5	<5	<10	<5	<5	6.7	63.1	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	28.8	8.3		<5	<100		<15
MW-9	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	6.9	47.6	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	29.5	<5		<5	<100		<15
MW-9	9-Nov-06	<5	<5	<5	<5	<10	<5	5.9	5.8	39.9	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	23	<5		<5	<100		<15
MW-9	19-Apr-07	4.4	<3	<5	<3	<5	<5	<5	8.4	44.4	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	32.9	<5	<3	<5	<100		<8
MW-9	8-Nov-07	1.6	1	<1	1.1	<10	<5	5.8	7.4	28.9	<1	<5	<1	<1	<1	<1	<1	<1	<1	<5	<100	26.4	<5	<1	<5	<100		<1

Table 4b
Detected Constituents - Volatile Organic Compounds
North Wake Unlined Landfill

Monitor Well	Sample Date	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans-1,2-Dichloroethene	MEK (2-Butanone)	3&4-Methylphenol	1,2,3-Trichloropropane
NC Standard		1	0.38	200	2.8	2800	70	70	1.4	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	700	0.02	1400		100	4200	35/3.5*	0.01
MW-10	6-Mar-94	2.4	<.5	16	9.8	<.5	2.5	<.5	<.5	37	<.5	2.4	<.5	12	<.5	72	<.5	<.5	4.8	26.7	<5	<.5			<.5	<5		
MW-10	15-Apr-94	1.8	2.6	<.5	8	18.1	1.6	<.5	<1	24.2	<1	2.6	<1	<1	<1	67.3	<1	5.5	4.8	16.9	<20	<1			<.5	<20		
MW-10	11-May-94	1.4	2.6	<.5	8.8	15.8	1.7	<.5	<1	23	<1	1.8	<1	16.3	<1	54.8	<1	4	4	6.7	<20	<1			<.5	<20		
MW-10	31-May-94	3.7	<.5	17	15	<.5	3.9	<.5	<.5	57	<.5	2.7	<.5	15	<.5	120	<.5	<.5	8.7	19.1	<5	<.5			<.5	<5		
MW-10	25-Aug-94	<5	<5	18.4	<5	47.7	<5	<.5	<1	72	<1	<5	<1	18	<1	194	8	18.7	9.2	15	<20	<1			<.5	<20		
MW-10	29-Sep-94	4.2	<.5	3.5	19	37.7	3.4	<.5	<1	56.3	<1	3.5	<1	17.1	<1	148	<1	7.2	<1	13.1	<20	<1			<.5	<20		
MW-10	13-Jun-95	7	<5	13	20	53	<5	<5	<5	84	<5	<5	<5	<5	<5	223	<5	13	13	14	<100	<10	18	<5	<5	<100		
MW-10	28-Sep-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	53	NS	NS	NS		
MW-10	31-Oct-95	<5	<5	14	8	33	<5	10	<5	44	<5	<5	<5	14	<5	47	<5	<10	7	<5	<100	<10	46	<5	<5	<100		
MW-10	30-Jan-96	8	<5	8	18	48	<5	12	<5	101	<5	<5	<5	<5	<5	<10	<5	10	9	8	<100	<10	29	<5	<5	<100		
MW-10	28-Nov-96	<1	<1	<1	2	3	<1	1	<1	12	<1	<1	<1	<1	<1	15	<1	<1	2	<2	<25	<1	<5	<1	<1	<25		
MW-10	22-Apr-97	12	<2.5	<2.5	33	31	<13	20	<2.5	160	<2.5	<2.5	<2.5	<2.5	<2.5	120	<2.5	<13	25	19.6	<50	<2.5	8.5	<2.5	<2.5	<50		
MW-10	1-Nov-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-10	8-Dec-98	<12	<12	<12	19	<25	<12	48	<12	140	<12	<12	<12	<12	<25	270	<12	<25	18	12	<250	<25	<12	<12	<12	<250		
MW-10	11-Jan-99	7*	<12.5	<12.5	18	19	<12.5	36	<12.5	140	<12.5	<12.5	<12.5	<12.5	<13	320	<12.5	<13	14	<25	<313	<13	<12.5	<12.5	<12.5	<313		
MW-10	8-Feb-99	9*	<10	<10	21	24	<10	41	<10	140	<10	<10	<10	<10	<10	<50	<10	<10	17	20	<250	<10	<10	<10	<10	<250		
MW-10 (dup)	8-Feb-99	8*	<10	<10	17	20	<10	38	<10	130	<10	<10	<10	<10	<10	<50	<10	<10	13	19*	<250	<10	<10	<10	<10	<250		
MW-10	16-Apr-99	<20	<20	<20	<20	<20	<20	26	<20	160	<20	<20	<20	<20	<20	410	<20	<20	<40	<80	<1000	<20	<20	<20	<20	<1000	<10	
MW-10	2-Dec-99	<5	<5	<5	<5	<10	<5	<5	<5	40	<5	<5	<5	<5	<10	77	<5	<5	6	<8	<100	<10	<20	<5	<5	<100		
MW-10	12-Apr-00	<5	<5	<5	6	<10	<5	7	<5	46	<5	<5	<5	<5	<10	88	<5	<5	7	<8	<100	<10	<20	<5	<5	<100		<15
MW-10	20-Dec-00	<5	<5	<5	<5	<10	<5	<5	<5	35	<5	<5	<5	<5	<10	40	<5	<5	<5	<8	<100	<10	<5	<5	<5	<100		<15
MW-10	17-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	34	<5	<5	<5	<5	<10	34	<5	<5	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-10	3-Dec-01	<5	<5	<5	<5	<10	<5	<5	<5	26	<5	<5	<5	<5	<10	18	<5	<5	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-10	12-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	22	<5	<5	<5	<5	<10	18	<5	<5	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-10	5-Nov-02	<5	<5	<5	<5	<10	<5	<5	<5	20	<5	<5	<5	<5	<10	16	<5	<5	8	<5	<100	<10	6	<5	<5	<100		<15
MW-10 (dup)	5-Nov-02	<5	<5	<5	<5	<10	<5	<5	<5	21	<5	<5	<5	<5	<10	16	<5	<5	9	<5	<100	<10	6	<5	<5	<100		<15
MW-10	17-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	26	<5	<5	<5	<5	<10	22	<5	<5	7	<5	<100	<10	5	<5	<5	<100		<15
MW-10	4-Nov-03	<5	<5	<5	<5	<10	<5	<5	<5	26	<5	<5	<5	<5	<10	<10	<5	<5	<5	<5	<100	<10	5	<5	<5	<100		<15
MW-10	14-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5	<4	<100	<10	5	<5	<5	<100		<15
MW-10	18-Nov-04	<5	<5	<5	<5	<10	<5	6.4	<5	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5	<5	<100	<10	<5		<5	<100		<15
MW-10	21-Apr-05	<5	<5	<5	<5	<10	<5	9.9	<5	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5	<5	<100	<10	<5		<5	<100		<15
MW-10	11-Nov-05	<5	<5	<5	<5	<10	<5	17.6	<5	5.7	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-10	14-Apr-06	<5	<5	<5	<5	<10	<5	11.9	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-10	9-Nov-06	<5	<5	<5	<5	<10	<5	27.7	<5	7.8	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-10	19-Apr-07	<3	<3	<5	<3	<5	<5	7.4	<3	6.3	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
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MW-23 (dup)	8-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	9.2	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
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Table 4b
Detected Constituents - Volatile Organic Compounds
North Wake Unlined Landfill

Monitor Well	Sample Date	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans-1,2-Dichloroethene	MEK (2-Butanone)	3&4-Methylphenol	1,2,3-Trichloropropane
NC Standard		1	0.38	200	2.8	2800	70	70	1.4	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	700	0.02	1400		100	4200	3573.5*	0.01
MW-23d	5-May-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-23d	8-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-23d	16-Apr-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	<10	
MW-23d	2-Dec-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-23d	12-Apr-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
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MW-23d	17-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-23d	5-Nov-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
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MW-24	16-Apr-99	<10	<10	<10	<10	19	<10	<10	<10	55	<10	<10	46	<10	<10	170	13	<10	<10	60	<500	<10	<10	<10	<10	<500	<10	
MW-24	2-Dec-99	<5	<5	<5	<5	<10	<5	<5	<5	25	<5	<5	<5	<5	<10	43	<5	<5	<5	21	<100	<10	<20	<5	<5	<100		
MW-24	12-Apr-00	<5	<5	<5	7	<10	<5	5	<5	42	<5	<5	<5	<5	<10	39	<5	<5	7	33	<100	<10	<20	<5	<5	<100		<15
MW-24	20-Dec-00	<5	<5	<5	7	<10	<5	5	<5	44	<5	<5	<5	<5	<10	29	<5	<5	8	21	<100	<10	<5	<5	<5	<100		<15
MW-24	16-Apr-01	<5	<5	<5	<5	<10	<5	5	<5	34	<5	<5	<5	<5	<10	18	<5	<5	6	12	<100	<10	<5	<5	<5	<100		<15
MW-24 (dup)	16-Apr-01	<5	<5	<5	<5	<10	<5	5	<5	34	<5	<5	<5	<5	<10	20	<5	<5	6	12	<100	<10	<5	<5	<5	<100		<15
MW-24	3-Dec-01	<5	<5	<5	<5	<10	<5	5	<5	33	<5	<5	<5	<5	<10	12	<5	<5	8	10	<100	<10	<5	<5	<5	<100		<15
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MW-24	17-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	19	<5	<5	<5	<5	<10	<10	<5	<5	<5	<5	<100	<10	<5	<5	<5	<100		<15
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MW-24	14-Apr-06	<5	<5	<5	<5	<10	8.5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
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MW-27	26-Apr-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	
MW-27	3-Dec-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
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MW-27***	11-Nov-05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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MW-28	9-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
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MW-28	19-Apr-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	<10	
MW-28	3-Dec-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
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MW-28	18-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-28	12-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-28	17-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-28	26-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-28	22-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-28	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-28	20-Apr-07	<3	<3	<5	<3	<5	<5	<5	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-28d	1-May-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-28d	17-Aug-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-28d	9-Sep-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-28d	7-Oct-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-28d	9-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-28d	12-Jan-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-28d (dup)	12-Jan-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-28d	9-Feb-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-28d	19-Apr-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
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MW-28d	12-Apr-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-28d	18-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-28d	12-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-28d	17-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-28d	26-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100		<15
MW-28d	22-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
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MW-28d	20-Apr-07	<3	<3	<5	<3	<5	<5	<5	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-29	4-May-98	<1	<5	<5	<1	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<1	<5	<100	<10	<5	<5	<5	<100		
MW-29	17-Aug-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		

Table 4b
Detected Constituents - Volatile Organic Compounds
North Wake Unlined Landfill

Monitor Well	Sample Date	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans-1,2-Dichloroethene	MEK (2-Butanone)	3&4-Methylphenol	1,2,3-Trichloropropane
NC Standard		1	0.38	200	2.8	2800	70	70	1.4	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	700	0.02	1400		100	4200	353.5*	0.01
MW-29d	4-May-98	<1	<5	<5	<1	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<1	<5	<100	<10	<5	<5	<5	<100		
MW-29d	17-Aug-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-29d	9-Sep-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-29d (dup)	9-Sep-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-29d	7-Oct-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-29d	9-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-29d	12-Jan-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-29d	9-Feb-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-29d	19-Apr-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	<10	
MW-29d	3-Dec-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-29d	12-Apr-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-29d	19-Dec-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
MW-29d	18-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		<15
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Table 4b
Detected Constituents - Volatile Organic Compounds
North Wake Unlined Landfill

Monitor Well	Sample Date	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans-1,2-Dichloroethene	MEK (2-Butanone)	3&4-Methylphenol	1,2,3-Trichloropropane
NC Standard		1	0.38	200	2.8	2800	70	70	1.4	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	700	0.02	1400		100	4200	35/3.5*	0.01
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MW-34	22-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-34	14-Apr-06	<5	<5	<5	<5	<10	<5	6.9	<5	12.7	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-34	20-Apr-07	<3	<3	<5	<3	<5	<5	6.2	<3	13.8	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8

Table 4b
Detected Constituents - Volatile Organic Compounds
North Wake Unlined Landfill

Monitor Well	Sample Date	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans-1,2-Dichloroethene	MEK (2-Butanone)	3&4-Methylphenol	1,2,3-Trichloropropane
NC Standard		1	0.38	200	2.8	2800	70	70	1.4	70	0.51	7	1000	2100	100	4.6	550	2.6	0.7	530	700	0.02	1400		100	4200	35/3.5*	0.01
MW-34d	6-Aug-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-34d (dup)	6-Aug-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-34d	7-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-34d	26-Apr-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	NS
MW-34d	2-Dec-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	NS
MW-34d	13-Apr-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	<15
MW-34d	18-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	<15
MW-34d	9-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	<15
MW-34d	16-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	11	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	<15
MW-34d	21-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	6.8	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100	NS	<15
MW-34d	22-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	5.7	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-34d	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-34d	20-Apr-07	<3	<3	<5	<3	<5	<5	<5	<3	6.9	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8
MW-35	6-Aug-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-35	7-Dec-98	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100		
MW-35	26-Apr-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	NS
MW-35	2-Dec-99	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	NS
MW-35	13-Apr-00	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	<15
MW-35	18-Apr-01	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	<15
MW-35	9-Apr-02	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	<15
MW-35	16-Apr-03	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5	<5	<5	<100	NS	<15
MW-35	21-Apr-04	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<4	<100	<10	<5	<5	<5	<100	NS	<15
MW-35	22-Apr-05	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-35	14-Apr-06	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<10	<5	<5	<100	<10	<5		<5	<100		<15
MW-35	20-Apr-07	<3	<3	<5	<3	<5	<5	<5	<3	<5	<3	<5	<5	<5	<10	<5	<5	<5	<5	<4	<100	<5	<5	<3	<5	<100		<8

All units are in micrograms per liter (parts per billion).
* - Estimated Value
*- N.C. 2L interim standards are for individual isomers; interim standard for 3-methylphenol is 35 ug/l; interim standard for 4-methylphenol is 3.5 ug/l.
**-New background well.
--MW-10 was installed inside the landfill fence on April 1, 1998. MW-23D was installed on April 27, 1998. MW-5 was re-installed on July 24, 1998.
--MW-6d, -8d, -10d, TB-1a deep installed June 2001.
--MW-5R was installed on January 30, 2004.
- No Data
- Concentration exceeds N.C. Groundwater Standards (2L).
* - Estimated Value
NS - Not Sampled
***-MW-27 was damaged and to be abandoned; well will not be sampled further.

Table 5a
Appendix II Volatile Organics Detections - November 2007
Unlined Landfill - North Wake

Monitoring Well Number	Detected Constituent	Recorded Concentration*						
		Nov 18, 2004	April 21, 2005	Nov 11, 2005	April 14, 2006	Nov 9, 2006	April 19, 2007	Nov 9, 2007
MW-5	Benzene	--	--	--	--	--	--	4.90
	Chlorobenzene	--	--	--	--	--	--	5.90
	Cis-1,2-Dichloroethene	--	--	6.00	--	8.60	6.70	20.50
	1,4-Dichlorobenzene**	--	--	9.20	--	5.60	6.80	8.80
	1,1-Dichloroethane	--	--	--	--	--	6.90	--
	Trichloroethene	--	--	--	--	--	--	2.60
	Vinyl Chloride	--	--	--	--	--	--	13.00
MW-6	Benzene	--	--	--	--	--	--	3.30
	1,4-Dichlorobenzene	--	--	--	--	--	--	7.40
	Vinyl Chloride	--	--	--	--	--	--	3.40
MW-6D	none							
MW-7	Benzene	--	--	--	--	--	--	3.50
	1,4-Dichlorobenzene	--	--	--	--	--	--	2.70
	Cis-1,2-Dichloroethene	16.40	26.00	12.20	19.30	27.20	24.30	22.30
	Vinyl Chloride	--	--	--	--	--	5.40	7.70
MW-8	Cis-1,2-Dichloroethene	--	--	--	--	--	18.90	6.60
MW-8D	none							
MW-9	Benzene	--	--	--	--	--	4.40	1.60
	1,4-Dichlorobenzene**	5.20	5.20	6.70	6.90	5.80	8.40	7.40
	Cis-1,2-Dichloroethene	6.40	--	--	--	5.90	--	5.80
	1,1-Dichloroethane	73.70	69.60	63.10	47.60	39.90	44.40	28.90
	1,2-Dichloroethane	--	--	--	--	--	--	1.00
	Dichlorodifluoromethane	13.20	9.50	8.30	--	--	--	--
	Toluene	6.60	--	--	--	--	--	--
	Trichloroethene	--	--	--	--	--	--	1.10
	Vinyl Chloride	26.50	29.60	28.80	29.50	23.00	32.90	26.40
MW-10	Cis-1,2-Dichloroethene	6.40	9.90	17.60	11.90	27.70	7.40	--
	1,1-Dichloroethane	--	--	5.70	--	7.80	6.30	--
	Methylene Chloride	--	--	--	--	--	--	1.00
	Tetrachloroethene	--	--	--	--	--	--	1.30
MW-10D	none							
MW-11	none							
MW-11D	none							
MW-22	none							
MW-23	none							
MW-23D	Chloroform	6.40	6.90	--	--	--	--	--
MW-24	Chloroform	--	--	7.00	8.50	9.80	11.40	7.20
MW-27	NS	NS		NS	NS	NS		NS
MW-28	none	NS		NS		NS		NS
MW-28D	none	NS		NS		NS		NS
MW-29D	none							
MW-30	none							
MW-31	Chloroform	26.50	27.20	38.20	36.60	26.20	23.40	9.90
MW-31D	Chloroform	23.80	31.90	34.00	33.10	37.70	37.50	31.50
MW-32	none							
MW-33	none	NS		NS		NS		NS
MW-34	1-1-Dichloroethane	NS		NS	12.70	NS	13.80	NS
	Cis-1,2-Dichloroethene	NS		NS	6.90	NS	6.20	NS
MW-34D	1,1-Dichloroethane	NS	5.70	NS		NS	6.90	NS
MW-35	none	NS		NS		NS		NS
TB-1A	Bromodichloromethane	--	--	5.10	--	--	--	1.50
	Chloroform	17.30	18.80	24.30	18.60	25.50	22.50	21.80
TB-1AD	Chloroform	17.90	25.60	30.60	29.10	35.60	32.40	26.20
SW-2	none							
SW3	none							

*Concentrations in parts per billion (ppb)
**1,4-Dichlorobenzene was detected above 2L Standards for both wells MW-5 & MW-9 since the standards were revised in April 2005 but not addressed.
-- Below detection limits
NS - Not Sampled

Table 5b
Appendix II Semi-Volatile Organics Detections - November 2007
Unlined Landfill - North Wake

Monitoring Well Number	Detected Constituent	Recorded Concentration*						
		Nov 18, 2004	April 21, 2005	Nov 11, 2005	April 14, 2005	Nov 9, 2006	April 19, 2007	Nov 9, 2007
MW-5	none							
MW-6	none							
MW-6D	none							
MW-7	none							
MW-8	none							
MW-8D	none							
MW-9	none							
MW-10	Bis-(2-Ethylhexyl) Phthalate	37.00	--	--	--	--	24.00	21.00
MW-10D	Bis-(2-Ethylhexyl) Phthalate	43.00	--	--	--	--	19.90	20.00
MW-11	none							
MW-11D	Bis-(2-Ethylhexyl) Phthalate	--	--	--	--	--	24.50	--
MW-22	none							
MW-23	none							
MW-23D	none							
MW-24	none							
MW-27	NS	NS		NS	NS	NS	NS	NS
MW-28	none	NS		NS		NS		NS
MW-28D	none	NS		NS		NS		NS
MW-29D	Bis-(2-Ethylhexyl) Phthalate	--	--	--	--	--	23.00	
MW-30	Bis-(2-Ethylhexyl) Phthalate	27.70	--	--	--	--		
MW-31	none							
MW-31D	Bis-(2-Ethylhexyl) Phthalate	--	--	--	--	--	23.00	
MW-32	none							
MW-33	none	NS		NS		NS		NS
MW-34	none	NS		NS		NS		NS
MW-34D	Bis-(2-Ethylhexyl) Phthalate	--	--	--	--	--	35.00	--
MW-35	none	NS		NS		NS		NS
TB-1A	none							
TB-1AD	none							
SW-2	Not Tested							
SW3	Not Tested							

*Concentrations in parts per billion (ppb)
-- Below detection limits
NS - Not Sampled

Table 5c
Appendix II Pesticides, Herbicides and PCB'S Detections - November 2007
Unlined Landfill - North Wake

Monitoring Well Number	Detected Constituent	Recorded Concentration*						
		Nov 18, 2004	April 21, 2005	Nov 11, 2005	April 14, 2006	Nov 9, 2006	April 19, 2007	Nov 9, 2007
MW-5	Beta-BHC	0.384	0.405	--	--	--	--	--
	Delta-BHC	0.152	0.933	--	--	--	--	--
	Gamma-BHC (Lindane)	--	0.098	--	--	--	--	--
MW-6	Alpha-BHC	0.235	0.182	--	--	--	--	--
	Beta-BHC	--	--	0.310	--	--	--	0.062
	Gamma-BHC (Lindane)	--	--	0.053	--	--	--	--
	Delta-BHC	0.706	0.480	--	--	--	--	--
	Dieldrin	0.281	--	--	--	--	--	0.094
	Dinoseb	--	--	1.720	--	--	--	--
	Endrin	0.412	--	--	--	--	--	--
MW-6D	none							
MW-7	Dinoseb	--	1.210	--	--	--	--	--
MW-8	Alpha-BHC	--	0.132	--	--	--	--	--
MW-8D	none							
MW-9	Dinoseb	1.800	--	1.400	--	--	--	--
	Beta-BHC	0.138	0.896	--	--	--	--	0.060
	Gamma-BHC (Lindane)	0.051	0.622	--	0.143	0.786	--	--
MW-10	none							
MW-10D	Dinoseb	--	1.720	--	--	--	--	--
MW-11	none							
MW-11D	none							
MW-22	none							
MW-23	none							
MW-23D	none							
MW-24	none							
MW-27	NS	NS		NS	NS	NS	NS	NS
MW-28	none	NS		NS		NS		NS
MW-28D	none	NS		NS		NS		NS
MW-29D	none							
MW-30	none							
MW-31	none							
MW-31D	none							
MW-32	none							
MW-33	none	NS		NS		NS		NS
MW-34	none	NS		NS		NS		NS
MW-34D	none	NS		NS		NS		NS
MW-35	none	NS		NS		NS		NS
TB-1A	none							
TB-1AD	none							
SW-2	Not Tested							
SW3	Not Tested							

*Concentrations in parts per billion (ppb)
Concentration in excess of Groundwater (2L) Standard, where published
-- Below detection limits
NS - Not Sampled

Table 6a
Statistically Significant Metals
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
MW-5	4/21/2005			x			x					x	x			
MW-5	11/11/2005			x			x					x	x			
MW-5	4/14/2006			x			x						x			
MW-5	11/9/2006			x			x						x			
MW-5	4/19/2007			x			x						x			
MW-5	11/9/2007			x			x						x			
MW-6	4/21/2005					x							x			x
MW-6	11/11/2005					x							x			x
MW-6	4/14/2006					x							x			x
MW-6	11/9/2006					x							x			x
MW-6	4/19/2007					x							x			x
MW-6	11/9/2007					x							x			x
MW-6D	4/21/2005															
MW-6D	11/11/2005															
MW-6D	4/14/2006															
MW-6D	11/9/2006															
MW-6D	4/19/2007															
MW-6D	11/9/2007															
MW-7	4/21/2005					x			x				x			
MW-7	11/11/2005					x			x				x			
MW-7	4/14/2006					x			x				x			
MW-7	11/9/2006					x			x				x			
MW-7	4/19/2007					x			x				x			
MW-7	11/9/2007					x			x				x			
MW-8	4/21/2005					x							x			
MW-8	11/11/2005					x							x			
MW-8	4/14/2006					x							x			
MW-8	11/9/2006					x							x			
MW-8	4/19/2007					x							x			
MW-8	11/9/2007					x							x			
MW-8D	4/21/2005															
MW-8D	11/11/2005															
MW-8D	4/14/2006															
MW-8D	11/9/2006															
MW-8D	4/19/2007															
MW-8D	11/9/2007															
MW-9	4/21/2005												x			
MW-9	11/11/2005												x			
MW-9	4/14/2006												x			
MW-9	11/9/2006												x			
MW-9	4/19/2007												x			
MW-9	11/9/2007												x			
MW-10	4/21/2005					x				x	x		x	x	x	
MW-10	11/11/2005					x				x	x		x	x	x	
MW-10	4/14/2006					x				x	x		x	x	x	
MW-10	11/9/2006					x				x	x		x	x	x	
MW-10	4/19/2007					x				x	x		x	x	x	
MW-10	11/9/2007					x				x	x		x	x	x	

*Upgradient well
x - indicates statistically significant constituent

Table 6a
Statistically Significant Metals
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
MW-10D	4/21/2005															
MW-10D	11/11/2005															
MW-10D	4/14/2006															
MW-10D	11/9/2006															
MW-10D	4/19/2007															
MW-10D	11/9/2007															
MW-11*	4/21/2005															
MW-11*	11/11/2005															
MW-11*	4/14/2006															
MW-11*	11/9/2006															
MW-11*	4/19/2007															
MW-11*	11/9/2007															
MW-11D*	4/21/2005															
MW-11D*	11/11/2005															
MW-11D*	4/14/2006															
MW-11D*	11/9/2006															
MW-11D*	4/19/2007															
MW-11D*	11/9/2007															
MW-22	4/21/2005			x	x		x		x	x		x	x			
MW-22	11/11/2005			x	x		x		x	x		x	x			
MW-22	4/14/2006			x	x		x		x	x		x	x			
MW-22	11/9/2006			x	x		x		x	x						
MW-22	4/19/2007			x	x		x		x	x						
MW-22	11/9/2007			x			x		x	x						
MW-23	4/21/2005		x					x	x	x	x	x	x	x		
MW-23	11/11/2005		x					x	x	x	x	x	x	x		
MW-23	4/14/2006		x					x	x	x	x	x	x	x		
MW-23	11/9/2006		x					x	x	x	x					
MW-23	4/19/2007		x					x	x	x	x					
MW-23	11/9/2007		x					x	x	x						
MW-23D	4/21/2005		x					x		x	x	x	x			
MW-23D	11/11/2005		x					x			x		x			
MW-23D	4/14/2006															
MW-23D	11/9/2006															
MW-23D	4/19/2007															
MW-23D	11/9/2007															
MW-24	4/21/2005		x					x	x	x	x	x	x			
MW-24	11/11/2005		x					x	x		x	x	x			
MW-24	4/14/2006		x					x	x		x					
MW-24	11/9/2006		x					x								
MW-24	4/19/2007							x	x							
MW-24	11/9/2007								x							
MW-27	4/21/2005							x								
MW-27	11/11/2005		x					x								
MW-27	4/14/2006		x					x								
MW-27	11/9/2006		x					x			x					
MW-27	4/19/2007		x					x			x					
MW-27	11/9/2007		x					x			x					

*Upgradient well
x - indicates statistically significant constituent

Table 6a
Statistically Significant Metals
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
MW-28	4/21/2005		x					x		x	x	x	x			
MW-28	11/11/2005		x					x	x	x	x	x	x			
MW-28	4/14/2006		x					x			x		x			
MW-28	11/9/2006		x					x		x	x	x	x			
MW-28	4/19/2007		x					x		x	x	x	x			
MW-28	11/9/2007		x					x		x	x	x	x			
MW-28D	4/21/2005		x					x		x	x	x	x			
MW-28D	11/11/2005		x					x	x	x	x	x	x			
MW-28D	4/14/2006		x					x			x		x			
MW-28D	11/9/2006		x					x		x	x	x	x			
MW-28D	4/19/2007		x					x		x	x	x	x			
MW-28D	11/9/2007		x					x		x	x	x	x			
MW-29D	4/21/2005		x					x		x	x	x	x			
MW-29D	11/11/2005		x					x			x		x			
MW-29D	4/14/2006															
MW-29D	11/9/2006															
MW-29D	4/19/2007															
MW-29D	11/9/2007															
MW-30	4/21/2005		x		x	x		x		x	x	x	x			
MW-30	11/11/2005		x		x	x		x			x		x			
MW-30	4/14/2006				x											
MW-30	11/9/2006				x											
MW-30	4/19/2007					x										
MW-30	11/9/2007		x			x		x	x							
MW-31	4/21/2005		x			x		x	x	x	x	x	x		x	
MW-31	11/11/2005		x			x		x	x	x	x		x		x	
MW-31	4/14/2006					x			x						x	
MW-31	11/9/2006					x			x						x	
MW-31	4/19/2007					x			x							
MW-31	11/9/2007					x			x							
MW-31D	4/21/2005		x			x		x	x	x	x	x	x	x		
MW-31D	11/11/2005		x			x		x	x		x		x	x		
MW-31D	4/14/2006													x		
MW-31D	11/9/2006													x		
MW-31D	4/19/2007													x		
MW-31D	11/9/2007													x		
MW-32	4/21/2005															
MW-32	11/11/2005															
MW-32	4/14/2006															
MW-32	11/9/2006															
MW-32	4/19/2007															
MW-32	11/9/2007															
MW-33	4/21/2005							x								
MW-33	11/11/2005		x					x								
MW-33	4/14/2006															
MW-33	11/9/2006															
MW-33	4/19/2007														x	
MW-33	11/9/2007														x	

*Upgradient well
x - indicates statistically significant constituent

Table 6a
Statistically Significant Metals
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
MW-34	4/21/2005							x								
MW-34	11/11/2005		x					x								
MW-34	4/14/2006															
MW-34	11/9/2006															
MW-34	4/19/2007															
MW-34	11/9/2007															
MW-34D	4/21/2005							x								
MW-34D	11/11/2005		x					x								
MW-34D	4/14/2006															
MW-34D	11/9/2006															
MW-34D	4/19/2007															
MW-34D	11/9/2007															
MW-35	4/21/2005							x								
MW-35	11/11/2005		x					x		x						
MW-35	4/14/2006															
MW-35	11/9/2006															
MW-35	4/19/2007													x		
MW-35	11/9/2007													x		
TB-1A	4/21/2005		x					x		x	x	x	x			
TB-1A	11/11/2005		x					x			x	x	x			
TB-1A	4/14/2006							x								
TB-1A	11/9/2006															
TB-1A	4/19/2007				x											
TB-1A	11/9/2007				x											
TB-1AD	4/21/2005															
TB-1AD	11/11/2005															
TB-1AD	4/14/2006															
TB-1AD	11/9/2006															
TB-1AD	4/19/2007															
TB-1AD	11/9/2007															
SW-2	4/21/2005															
SW-2	11/11/2005															
SW-2	4/14/2006															
SW-2	11/9/2006															
SW-2	4/19/2007															
SW-2	11/9/2007															
SW-3	4/21/2005															
SW-3	11/11/2005															
SW-3	4/14/2006															
SW-3	11/9/2006															
SW-3	4/19/2007															
SW-3	11/9/2007															

*Upgradient well
x - indicates statistically significant constituent

Table 6b
Statistically Significant Organic Compounds
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	Cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	bis (2-ethylhexyl) Phthalate	3&4-Methylphenol	1,2,3-Trichloropropane
MW-5	4/21/2005				x	x		x		x			x	x											x				
MW-5	11/11/2005				x	x		x		x			x	x											x				
MW-5	4/14/2006				x	x		x		x			x	x											x				
MW-5	11/9/2006				x	x		x		x			x	x											x				
MW-5	4/19/2004				x	x		x		x			x	x											x				
MW-5	11/9/2007				x	x		x		x			x	x											x				
MW-5R**	4/21/2005							x	x						x							x							
MW-5R**	11/11/2005							x	x						x							x							
MW-5R**	4/14/2006							x	x			x			x							x							
MW-5R**	11/9/2006							x	x		x	x			x							x							
MW-5R**	4/19/2007		x					x	x		x	x			x							x							
MW-5R**	11/9/2007							x	x		x	x			x							x							
MW-6	4/21/2005				x	x										x													
MW-6	11/11/2005				x	x										x													
MW-6	4/14/2006				x	x										x													
MW-6	11/9/2006				x	x										x													
MW-6	4/19/2007				x	x										x													
MW-6	11/9/2007				x	x										x													
MW-6D	4/21/2005																												
MW-6D	11/11/2005																												
MW-6D	4/14/2006																												
MW-6D	11/9/2006																												
MW-6D	4/19/2007																												
MW-6D	11/9/2007																												
MW-7	4/21/2005							x																					
MW-7	11/11/2005							x																					
MW-7	4/14/2006							x																					
MW-7	11/9/2006							x																					
MW-7	4/19/2007							x																					
MW-7	11/9/2007							x																					
MW-8	4/21/2005				x	x		x		x						x			x	x									
MW-8	11/11/2005				x	x		x		x						x			x	x									
MW-8	4/14/2006				x	x		x		x						x			x	x									
MW-8	11/9/2006				x	x		x		x						x			x	x									
MW-8	4/19/2007				x	x		x		x						x			x	x									
MW-8	11/9/2007				x	x		x		x						x			x	x									

*Upgradient well
**This well was only sampled once on April 24, 2004.
x - indicates statistically significant constituent

Table 6b
Statistically Significant Organic Compounds
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	Cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	bis (2-ethylhexyl) Phthalate	3&4-Methylphenol	1,2,3-Trichloropropane
MW-8D	4/21/2005																												
MW-8D	11/11/2005																												
MW-8D	4/14/2006																												
MW-8D	11/9/2006																												
MW-8D	4/19/2007																												
MW-8D	11/9/2007																												
MW-9	4/21/2005	x	x	x	x			x	x	x	x	x		x		x	x		x	x	x		x			x			
MW-9	11/11/2005	x	x	x	x			x	x	x	x	x		x		x	x		x	x	x	x	x			x			
MW-9	4/14/2006	x	x	x	x			x	x	x	x	x		x		x	x		x	x	x	x	x			x			
MW-9	11/9/2006	x	x	x	x			x	x	x	x	x		x		x	x		x	x	x	x	x			x			
MW-9	4/19/2007	x	x	x	x			x	x	x	x	x		x		x	x		x	x	x	x	x			x			
MW-9	11/9/2007	x	x	x	x			x	x	x	x	x		x		x	x		x	x	x	x	x			x			
MW-10	4/21/2005			x	x	x		x		x				x		x			x	x			x						
MW-10	11/11/2005			x	x	x		x		x				x		x			x	x			x						
MW-10	4/14/2006			x	x	x		x		x				x		x			x	x			x						
MW-10	11/9/2006			x	x	x		x		x				x		x			x	x			x						
MW-10	4/19/2007			x	x	x		x		x				x		x			x	x			x						
MW-10	11/9/2007			x	x	x		x		x				x		x			x	x			x						
MW-10D	4/21/2005																												
MW-10D	11/11/2005																												
MW-10D	4/14/2006																												
MW-10D	11/9/2006																												
MW-10D	4/19/2007																												
MW-10D	11/9/2007																												
MW-11*	4/21/2005																												
MW-11*	11/11/2005																												
MW-11*	4/14/2006																												
MW-11*	11/9/2006																												
MW-11*	4/19/2007																												
MW-11*	11/9/2007																												
MW-11D*	4/21/2005																												
MW-11D*	11/11/2005																												
MW-11D*	4/14/2006																												
MW-11D*	11/9/2006																												
MW-11D*	4/19/2007																												
MW-11D*	11/9/2007																												

*Upgradient well
**This well was only sampled once on April 24, 2004.
x - indicates statistically significant constituent

Table 6b
Statistically Significant Organic Compounds
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	Cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	bis (2-ethylhexyl) Phthalate	3&4-Methylphenol	1,2,3-Trichloropropane
MW-22	4/21/2005																												
MW-22	11/11/2005																												
MW-22	4/14/2006																												
MW-22	11/9/2006																												
MW-22	4/19/2007																												
MW-22	11/9/2007																												
MW-23	4/21/2005																												
MW-23	11/11/2005																												
MW-23	4/14/2006																												
MW-23	11/9/2006																												
MW-23	4/19/2007																												
MW-23	11/9/2007																												
MW-23D	4/21/2005																												
MW-23D	11/11/2005																												
MW-23D	4/14/2006																												
MW-23D	11/9/2006																												
MW-23D	4/19/2007																												
MW-23D	11/9/2007																												
MW-24	4/21/2005	x	x	x	x	x			x	x	x	x	x	x	x	x	x		x	x	x	x		x		x			
MW-24	11/11/2005	x	x	x	x	x			x	x	x	x	x	x	x	x	x		x	x	x	x		x		x			
MW-24	4/14/2006	x	x	x	x	x			x	x	x	x	x	x	x	x	x		x	x	x	x		x		x			
MW-24	11/9/2006	x	x	x	x	x			x	x	x	x	x	x	x	x	x		x	x	x	x		x		x			
MW-24	4/19/2007	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x		x			
MW-24	11/9/2007	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	x	x		x		x			
MW-27	4/21/2005																												
MW-27	11/11/2005																												
MW-27	4/14/2006																												
MW-27	11/9/2006																												
MW-27	4/19/2007																												
MW-27	11/9/2007																												
MW-28	4/21/2005																												
MW-28	11/11/2005																												
MW-28	4/14/2006																												
MW-28	11/9/2006																												
MW-28	4/19/2007																												
MW-28	11/9/2007																												

*Upgradient well
**This well was only sampled once on April 24, 2004.
x - indicates statistically significant constituent

Table 6b
Statistically Significant Organic Compounds
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	Cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	bis (2-ethylhexyl) Phthalate	3&4-Methylphenol	1,2,3-Trichloropropane
MW-28D	4/21/2005																												
MW-28D	11/11/2005																												
MW-28D	4/14/2006																												
MW-28D	11/9/2006																												
MW-28D	4/19/2007																												
MW-28D	11/9/2007																												
MW-29D	4/21/2005																												
MW-29D	11/11/2005																												
MW-29D	4/14/2006																												
MW-29D	11/9/2006																												
MW-29D	4/19/2007																												
MW-29D	11/9/2007																												
MW-30	4/21/2005																												
MW-30	11/11/2005																												
MW-30	4/14/2006																												
MW-30	11/9/2006																												
MW-30	4/19/2007																												
MW-30	11/9/2007																												
MW-31	4/21/2005				x		x																						
MW-31	11/11/2005						x																						
MW-31	4/14/2006						x																						
MW-31	11/9/2006						x																						
MW-31	4/19/2007						x																						
MW-31	11/9/2007						x																						
MW-31D	4/21/2005				x		x																						
MW-31D	11/11/2005						x																						
MW-31D	4/14/2006						x																						
MW-31D	11/9/2006						x																						
MW-31D	4/19/2007						x																						
MW-31D	11/9/2007						x																						
MW-32	4/21/2005																												
MW-32	11/11/2005																												
MW-32	4/14/2006																												
MW-32	11/9/2006																												
MW-32	4/19/2007																												
MW-32	11/9/2007																												

*Upgradient well
**This well was only sampled once on April 24, 2004.
x - indicates statistically significant constituent

Table 6b
Statistically Significant Organic Compounds
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	Cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	bis (2-ethylhexyl) Phthalate	3&4-Methylphenol	1,2,3-Trichloropropane
MW-33	4/21/2005																												
MW-33	11/11/2005																												
MW-33	4/14/2006																												
MW-33	11/9/2006																												
MW-33	4/19/2007																												
MW-33	11/9/2007																												
MW-34	4/21/2005																												
MW-34	11/11/2005																												
MW-34	4/14/2006																												
MW-34	11/9/2006																												
MW-34	4/19/2007																												
MW-34	11/9/2007																												
MW-34D	4/21/2005																												
MW-34D	11/11/2005																												
MW-34D	4/14/2006																												
MW-34D	11/9/2006																												
MW-34D	4/19/2007																												
MW-34D	11/9/2007																												
MW-35	4/21/2005																												
MW-35	11/11/2005																												
MW-35	4/14/2006																												
MW-35	11/9/2006																												
MW-35	4/19/2007																												
MW-35	11/9/2007																												
TB-1A	4/21/2005			x																									
TB-1A	11/11/2005			x			x																						
TB-1A	4/14/2006			x			x																						
TB-1A	11/9/2006			x			x																						
TB-1A	4/19/2007			x			x																						
TB-1A	11/9/2007			x			x																						
TB-1AD	4/21/2005				x		x																						
TB-1AD	11/11/2005						x																						
TB-1AD	4/14/2006						x																						
TB-1AD	11/9/2006***						x																						
TB-1AD	4/19/2007						x																						
TB-1AD	11/9/2007						x																						

*Upgradient well
**This well was only sampled once on April 24, 2004.
x - indicates statistically significant constituent

Table 6b
Statistically Significant Organic Compounds
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Benzene	1,2-Dichloroethane	1,1,1-Trichloroethane	Trichloroethene	Chloroethane	Chloroform	Cis-1,2-Dichloroethene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Toluene	Trichlorofluoromethane	Styrene	Methylene Chloride	Ethyl Benzene	Chloromethane	Tetrachloroethene	Total Xylenes	Acetone	Vinyl Chloride	Dichlorodifluoromethane	1,2-Dibromoethane	trans 1,2-Dichloroethene	MEK (2-Butanone)	bis (2-ethylhexyl) Phthalate	3&4-Methylphenol	1,2,3-Trichloropropane
SW-2	4/21/2005																												
SW-2	11/11/2005																												
SW-2	4/14/2006																												
SW-2	11/9/2006																												
SW-2	4/19/2007																												
SW-2	11/9/2007																												
SW-3	4/21/2005																												
SW-3	11/11/2005																												
SW-3	4/14/2006																												
SW-3	11/9/2006																												
SW-3	4/19/2007																												
SW-3	11/9/2007																												

*Upgradient well
**This well was only sampled once on April 24, 2004.
x - indicates statistically significant constituent
***TB-1AD was significant for Bromodichloromethane during the November 2006 Sampling Period.

Table 6c
Statistically Significant Pesticides/Herbicides/PCBs
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Aldrin	Alpha-BHC	Beta-BHC	Delta-BHC	Dieldrin	Dinoseb	Endrin	Gamma-BHC (Lindane
MW-5	4/21/2005			x	x				
MW-5	11/11/2005			x	x				
MW-5	4/14/2005			x	x				
MW-5	11/9/2006			x	x				
MW-5	4/19/2007			x	x				
MW-5	11/9/2007			x	x				
MW-6	4/21/2005		x		x	x		x	
MW-6	11/11/2005		x		x	x		x	
MW-6	4/14/2005		x		x	x		x	
MW-6	11/9/2006		x		x	x		x	
MW-6	4/19/2007		x		x	x		x	
MW-6	11/9/2007		x		x	x		x	
MW-6D	4/21/2005								
MW-6D	11/11/2005								
MW-6D	4/14/2006								
MW-6D	11/9/2006								
MW-6D	4/19/2007								
MW-6D	11/9/2007								
MW-7	4/21/2005								
MW-7	11/11/2005								
MW-7	4/14/2006								
MW-7	11/9/2006								
MW-7	4/19/2007								
MW-7	11/9/2007								
MW-8	4/21/2005		x						
MW-8	11/11/2005								
MW-8	4/14/2006								
MW-8	11/9/2006								
MW-8	4/19/2007								
MW-8	11/9/2007								
MW-8D	4/21/2005								
MW-8D	11/11/2005								
MW-8D	4/14/2006								
MW-8D	11/9/2006								
MW-8D	4/19/2007								
MW-8D	11/9/2007								
MW-9	4/21/2005			x			x		x
MW-9	11/11/2005			x			x		x
MW-9	4/14/2006			x			x		x
MW-9	11/9/2006			x			x		x
MW-9	4/19/2007			x			x		x
MW-9	11/9/2007			x					x
MW-10	4/21/2005								
MW-10	11/11/2005								
MW-10	4/14/2006								
MW-10	11/9/2006								
MW-10	4/19/2007								
MW-10	11/9/2007								
MW-10D	4/21/2005						x		
MW-10D	11/11/2005								
MW-10D	4/14/2006								
MW-10D	11/9/2006								
MW-10D	4/19/2007								
MW-10D	11/9/2007								

*Upgradient well
x - indicates statistically significant constituent

Table 6c
Statistically Significant Pesticides/Herbicides/PCBs
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Aldrin	Alpha-BHC	Beta-BHC	Delta-BHC	Dieldrin	Dinoseb	Endrin	Gamma-BHC (Lindane)
MW-11*	4/21/2005								
MW-11*	11/11/2005								
MW-11*	4/14/2006								
MW-11*	11/9/2006								
MW-11*	4/19/2007								
MW-11*	11/9/2007								
MW-11D*	4/21/2005								
MW-11D*	11/11/2005								
MW-11D*	4/14/2006								
MW-11D*	11/9/2006								
MW-11D*	4/19/2007								
MW-11D*	11/9/2007								
MW-22	4/21/2005								
MW-22	11/11/2005								
MW-22	4/14/2006								
MW-22	11/9/2006								
MW-22	4/19/2007								
MW-22	11/9/2007								
MW-23	4/21/2005								
MW-23	11/11/2005								
MW-23	4/14/2006								
MW-23	11/9/2006								
MW-23	4/19/2007								
MW-23	11/9/2007								
MW-23D	4/21/2005								
MW-23D	11/11/2005								
MW-23D	4/14/2006								
MW-23D	11/9/2006								
MW-23D	4/19/2007								
MW-23D	11/9/2007								
MW-24	4/21/2005								
MW-24	11/11/2005								
MW-24	4/14/2006								
MW-24	11/9/2006								
MW-24	4/19/2007								
MW-24	11/9/2007								
MW-27	4/21/2005								
MW-27	11/11/2005								
MW-27	4/14/2006								
MW-27	11/9/2006								
MW-27	4/19/2007								
MW-27	11/9/2007								
MW-28	4/21/2005								
MW-28	11/11/2005								
MW-28	4/14/2006								
MW-28	11/9/2006								
MW-28	4/19/2007								
MW-28	11/9/2007								
MW-28D	4/21/2005								
MW-28D	11/11/2005								
MW-28D	4/14/2006								
MW-28D	11/9/2006								
MW-28D	4/19/2007								
MW-28D	11/9/2007								

*Upgradient well
x - indicates statistically significant constituent

Table 6c
Statistically Significant Pesticides/Herbicides/PCBs
North Wake Unlined Landfill

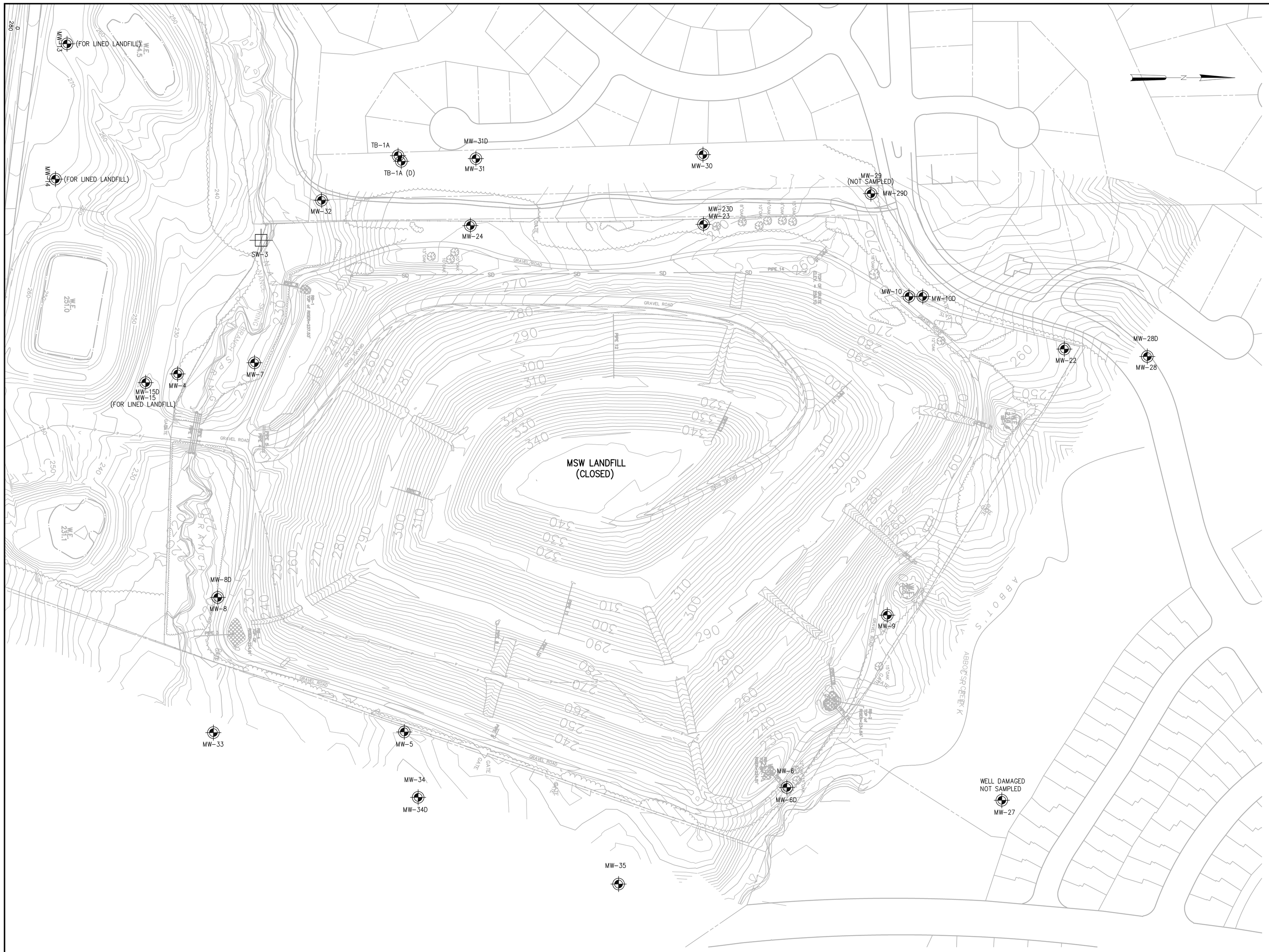
Monitor Well	Statistical Analysis	Aldrin	Alpha-BHC	Beta-BHC	Delta-BHC	Dieldrin	Dinoseb	Endrin	Gamma-BHC (Lindane)
MW-29D	4/21/2005								
MW-29D	11/11/2005								
MW-29D	4/14/2006								
MW-29D	11/9/2006								
MW-29D	4/19/2007								
MW-29D	11/9/2007								
MW-30	4/21/2005								
MW-30	11/11/2005								
MW-30	4/14/2006								
MW-30	11/9/2006								
MW-30	4/19/2007								
MW-30	11/9/2007								
MW-31	4/21/2005								
MW-31	11/11/2005								
MW-31	4/14/2006								
MW-31	11/9/2006								
MW-31	4/19/2007								
MW-31	11/9/2007								
MW-31D	4/21/2005								
MW-31D	11/11/2005								
MW-31D	4/14/2006								
MW-31D	11/9/2006								
MW-31D	4/19/2007								
MW-31D	11/9/2007								
MW-32	4/21/2005								
MW-32	11/11/2005								
MW-32	4/14/2006								
MW-32	11/9/2006								
MW-32	4/19/2007								
MW-32	11/9/2007								
MW-33	4/21/2005								
MW-33	11/11/2005								
MW-33	4/14/2006								
MW-33	11/9/2006								
MW-33	4/19/2007								
MW-33	11/9/2007								
MW-34	4/21/2005								
MW-34	11/11/2005								
MW-34	4/14/2006								
MW-34	11/9/2006								
MW-34	4/19/2007								
MW-34	11/9/2007								
MW-34D	4/21/2005								
MW-34D	11/11/2005								
MW-34D	4/14/2006								
MW-34D	11/9/2006								
MW-34D	4/19/2007								
MW-34D	11/9/2007								
MW-35	4/21/2005								
MW-35	11/11/2005								
MW-35	4/14/2006								
MW-35	11/9/2006								
MW-35	4/19/2007								
MW-35	11/9/2007								

*Upgradient well
x - indicates statistically significant constituent

Table 6c
Statistically Significant Pesticides/Herbicides/PCBs
North Wake Unlined Landfill

Monitor Well	Statistical Analysis	Aldrin	Alpha-BHC	Beta-BHC	Delta-BHC	Dieldrin	Dinoseb	Endrin	Gamma-BHC (Lindane)
TB-1A	4/21/2005								
TB-1A	11/11/2005								
TB-1A	4/14/2006			x					
TB-1A	11/9/2006								
TB-1A	4/19/2007								
TB-1A	11/9/2007								
TB-1AD	4/21/2005								
TB-1AD	11/11/2005								
TB-1AD	4/14/2006								
TB-1AD	11/9/2006								
TB-1AD	4/19/2007								
TB-1AD	11/9/2007								
SW-2	4/21/2005								
SW-2	11/11/2005								
SW-2	4/14/2006								
SW-2	11/9/2006								
SW-2	4/19/2007								
SW-2	11/9/2007								
SW-3	4/21/2005								
SW-3	11/11/2005								
SW-3	4/14/2006								
SW-3	11/9/2006								
SW-3	4/19/2007								
SW-3	11/9/2007								

*Upgradient well
x - indicates statistically significant constituent



NOTES:

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

GROUNDWATER MONITORING WELL TABLE

WELL DESIGNATION	NORTHING	EASTING	TOP OF CASING ELEVATION	GROUND ELEVATION
TB-1A deep	787099.40	2125573.61	256.04'	256.15'
TB-1A	787092.14	2125561.07	254.40'	254.55'
MW-4	786604.24	2126044.40	226.18'	226.85'
MW-5	787105.96	2126837.20	225.28'	222.85'
MW-6	787958.32	2126957.46	218.82'	216.65'
MW-6D	787949.67	2126966.10	218.61'	216.35'
MW-7	786774.48	2126019.71	233.76	231.25'
MW-8	786692.37	2126543.04	225.66'	223.40'
MW-8D	786693.74	2126535.67	226.26'	223.75'
MW-9	788175.12	2126578.54	242.23'	239.60'
MW-10	788220.69	2125870.16	274.98'	272.00'
MW-10D	788225.35	2125875.53	274.54'	271.80'
MW-15	786532.52	2126066.34	238.67'	236.35'
MW-15D	786534.63	2126061.05	238.75'	236.30'
MW-22	788566.97	2125989.30	255.03'	252.90'
MW-23	787765.92	2125712.66	275.26'	272.60'
MW-23D	787770.70	2125713.62	274.94'	272.50'
MW-24	787252.23	2425715.85	267.03'	264.50'
MW-27	788428.58	2126988.48	215.54'	213.52'
MW-28	788748.66	2126007.97	238.43'	238.55'
MW-28D	788752.53	2126003.65	238.47'	238.75'
MW-29	788137.27	2125643.43	275.08'	275.05'
MW-29D	788140.40	2125647.14	275.42'	274.93'
MW-30	787767.03	2125558.73	282.28'	282.45'
MW-31	787267.81	2125567.53	261.69'	261.90'
MW-31D	787261.06	2125567.69	260.89'	261.62'
MW-32	786922.72	2125659.88	243.00'	239.20'
MW-33	786683.46	2126838.63	221.60'	218.85'
MW-34	787134.13	2126981.06	221.61'	218.63'
MW-34D	787139.15	2126982.97	221.84'	218.68'
MW-35	787580.29	2127174.02	223.12'	220.30'

LEGEND

MW-12 DENOTES GROUNDWATER MONITORING WELL LOCATION, IDENTIFYING NUMBER.

SW-2 DENOTES SURFACE WATER SAMPLING LOCATION

1"=100'-0" 100 50 0 100'

NO.	ISSUED FOR	DATE	BY
7	NOVEMBER 9, 2007 SAMPLING EVENT	2/08	JAB
6	APRIL 19, 2007 SAMPLING EVENT	6/07	JAB
5	NOVEMBER 9, 2006 SAMPLING EVENT	2/07	JAB
4	APRIL 13, 2006 SAMPLING EVENT	7/06	JAB
3	NOVEMBER 11,2005 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

THIS DOCUMENT ORIGINALLY PREPARED AND SEALED BY JOHN A. BOVE, SEAL NUMBER 19391. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT

HAZEN AND SAWYER
Environmental Engineers & Scientists
4011 WestChase Blvd, Raleigh, North Carolina 27607

WAKE COUNTY SOLID WASTE MANAGEMENT DIVISION

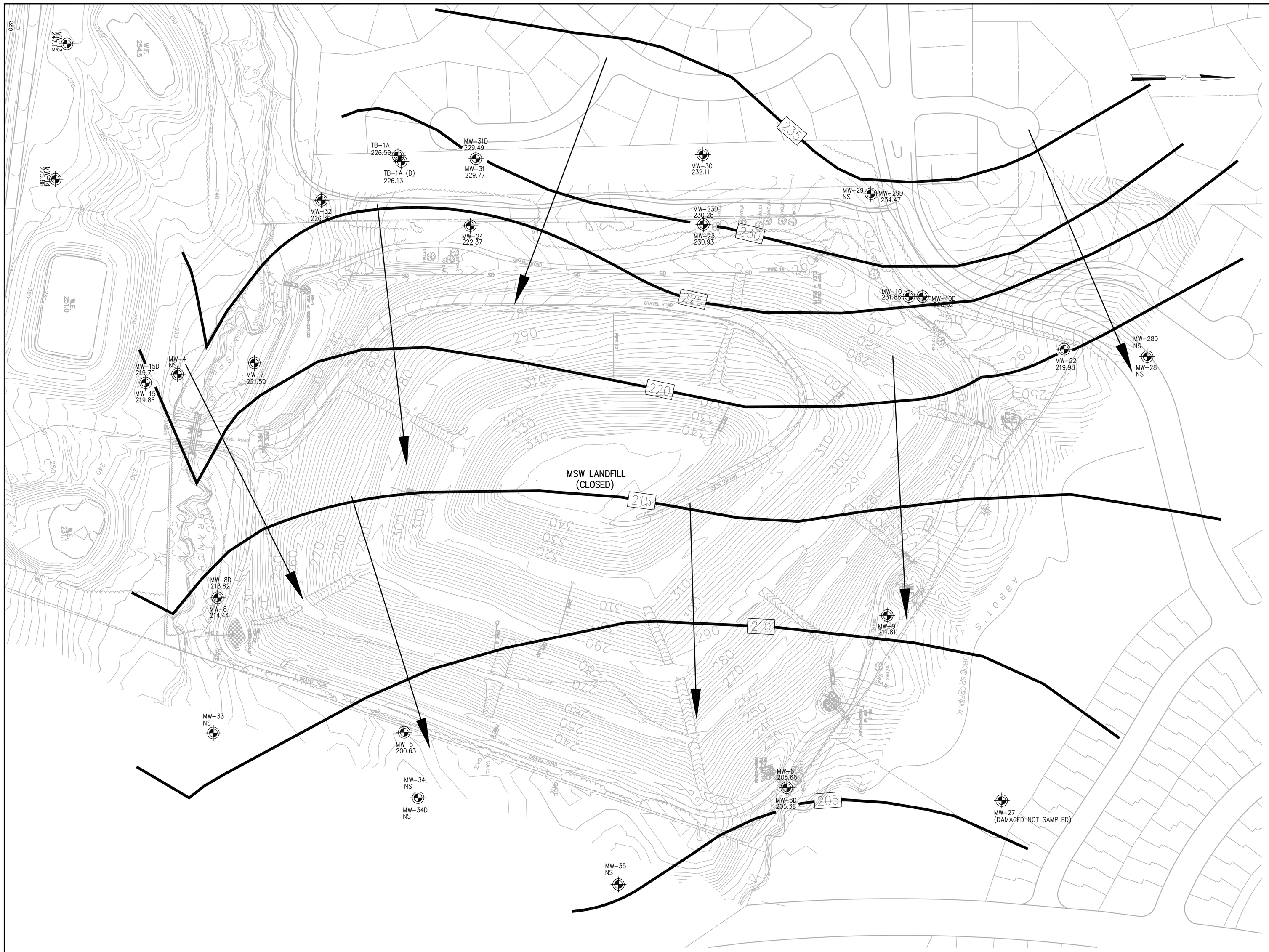
NORTH WAKE UNLINED LANDFILL
NEUSE TWP WAKE COUNTY, NORTH CAROLINA

UNLINED MSW LANDFILL
GROUNDWATER 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 GW1
H&S FLAT FILE NO. .

PLOT DATE 02/23/07 10:35am FILE= H:\30547\northwake\GEN\gw001_11-09-06 by ENG XREFS=northwake\00\SP-TP-NORTHWAKE, northwake\00\SP-MONWELL-NORTHWAKE_4-19-05, misc\30547TB_NORTHWAKE_UL,



NOTES:

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2. COORDINATES AND ELEVATIONS FOR GROUNDWATER MONITORING WELLS OBTAINED FROM "COMPREHENSIVE SITE PLAN NORTH WAKE UNLINED LANDFILL, NEUSE TOWNSHIP, WAKE COUNTY, NORTH CAROLINA" PREPARED BY TAYLOR, WEISMAN AND TAYLOR, CARY, N.C., DATED FEBUARY 21, 2005.
3. GROUNDWATER DEPTHS MEASURED ON NOVEMBER 09, 2007.

GROUNDWATER MONITORING WELL DATA

MONITORING WELL	TOC ELEVATION (AMSL)	GROUNDWATER ELEVATION NOV. 9, 2007
MW-5	225.28	200.63
MW-6	218.61	205.66
MW-6D	218.61	205.38
MW-7	233.76	221.59
MW-8	225.66	214.44
MW-8D	226.26	213.82
MW-9	242.23	211.81
MW-10(RELOCATED)	274.98	231.88
MW-10D	274.54	228.32
MW-11	342.96	298.86
MW-11D	343.01	298.66
MW-22	255.03	219.98
MW-23	275.26	230.93
MW-23 DEEP	274.94	230.28
MW-24	267.03	222.37
MW-27	215.54	NS
MW-28	238.43	NS
MW-28D	238.47	NS
MW-29D	275.42	234.47
MW-30	282.28	232.11
MW-31	261.69	229.77
MW-31D	260.89	229.49
MW-32	243.00	226.36
TB-1A	254.40	226.59
TB-1A DEEP	256.04	226.13
MW-33	221.60	NS
MW-34	221.61	NS
MW-34D	221.84	NS
MW-35	223.12	NS

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"=100'-0" 100 50 0 100'

NO.	ISSUED FOR	DATE	BY
7	NOVEMBER 9, 2007 SAMPLING EVENT	2/08	JAB
6	APRIL 19, 2007 SAMPLING EVENT	6/07	JAB
5	NOV. 09, 2006 SAMPLING EVENT	2/07	JAB
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2	APRIL 21, 2005 SAMPLING EVENT	7/05	JAB
1	NOV.18, 2004 SAMPLING EVENT	3/05	JAB

DESIGNED JAB
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WAKE COUNTY SOLID WASTE MANAGEMENT DIVISION

NORTH WAKE UNLINED LANDFILL
NEUSE TWP WAKE COUNTY, NORTH CAROLINA

POTENTIOMETRIC SURFACE MAP
NOVEMBER 9, 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 GW3
H&S FLAT FILE NO. .

PLOT DATE 07/02/07 4:52pm FILE= H:\30547\northwake\GEN\gw003_4-19-07 by PSELISKER XREFs=misc\30547TB_NORTHWAKE_UL, northwake\00\SP-TP-NORTHWAKE, northwake\00\SP-potent-4-19-07-unlined,