DRAFT EVALUATION OF THE GROUNDWATER/LEACHATE COLLECTION AND DISCHARGE SYSTEM WORK PLAN

RACER SITE 1099
TOLEDO 103C LANDFILL
TOLEDO, OHIO

Prepared For:
RACER

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TABLE OF CONTENTS

LIST OF FIGURES
(Following Text)

LIST OF TABLES
(Following Text)

1.0 INTRODUCTION

1.1 PURPOSE

The Revitalizing Auto Communities Environmental Response (RACER) Trust Toledo 103C Landfill (Site) located south of the General Motors Powertrain Group (GM) – Plant, located at 1455 West Alexis Road in Toledo, Ohio has been subject to remedial investigations and remedial actions, as documented in historical reports prepared by Conestoga-Rovers & Associates (CRA) during the period 1999 through 2001. The location of the Site is presented on Figure 1.1.

The former disposal area (FDA) and the former stormwater pond (FSP) areas were remediated and capped in approximately 2000. Sheet pile walls and leachate collection systems were also installed as part of the remediation. Since that time, a groundwater/leachate collection system has been operating. The system collects groundwater upgradient of the sheet pile wall and discharges the water to the City of Toledo sewage treatment system.

The objective for the development of this work plan is to evaluate the potential permanent shut down of the leachate collection systems in the FDA and FSP. This shutdown proposed in this work plan would occur for a period of 6 months in order to gain a better understanding of the local hydrogeology, groundwater chemistry, and groundwater flow in these areas without the influence of continuous operation of the leachate collection system. The data gathered from this "shutdown period" will help determine how leachate discharge to the City of Toledo sanitary sewer can be minimized or stopped completely. If, at any time, there appears that an adverse impact to the environment may occur then the "shutdown period" will end and the leachate collection system will be turned back on immediately.

This Evaluation of the Groundwater/Leachate Collection and Discharge System Work Plan (Work Plan) presents the scope of work required to obtain the necessary data to better understand the current (baseline) hydrogeologic and geochemical conditions and monitor these conditions during the shutdown period.

1.2 REPORT ORGANIZATION

This report is organized as follows:

Section 1.0 Introduction. This section provides the introduction and purpose of this report.

Section 2.0 Summary of Environmental Conditions. This section provides a brief summary of environmental conditions, based on historic reports.

Section 3.0 Scope of Work. This section presents the scope of work for the data collection during baseline and shutdown conditions.

Section 4.0 Methodology to Evaluate Data Collected. This section provides a discussion of data evaluation methodologies.

Section 5.0 Conclusions

2.0 ENVIRONMENTAL SETTING

This section describes the Site history, hydrology, topography, geology, hydrogeology, and geochemistry in the vicinity of the Site. This information was previously presented in a CRA report (CRA, 2000 report 19) and is summarized below.

2.1 SITE HISTORY

The Site is located immediately south of the General Motors, LLC facility in Toledo, Lucas County, Ohio. The Site consists of approximately 33 acres as shown in Figure 1.1. The Site is bounded by the GM plant to the north, by railroads to the east, wooded areas to the south, and a recreational area to the west. The Site includes areas adjacent to Silver Creek and its tributary ditches, and is zoned industrial.

The Site was reportedly utilized for agricultural purposes for various types of crops and/or consisted of vacant undeveloped land prior to industrial development in the early 1940s. The United States government originally built the adjacent industrial plant in 1941. GM Corporation acquired the plant and surrounding land in 1956. In 1999, the 33 acres south of the plant were transferred to Remediation and Liability Management Co., Inc. (REALM), a wholly owned subsidiary of General Motors Corporation. Following the settlement of bankruptcy of General Motors Corporation, RACER Properties, LLC acquired the site as part of the formation of the RACER Trust on March 31, 2011.

Several Areas of Interest (AOIs) were investigated during the period 1997 to 2000, including the FDA and FSP. The FDA and FSP were remediated during 2000 to 2001. The following remedial actions were undertaken at the FDA:

- Relocation of Silver Creek to the south to accommodate the cap and leachate collection system of the FDA
- Installation of a leachate collection and discharge system in the former bed of Silver Creek downgradient of the FDA
- Installation of a wet well at low point in leachate collection system directing water to the sanitary sewer
- Sheetpile wall installation between the FDA and the new Silver Creek bed
- Placement of excavated Site soils in FDA
- Multi-layer cap installation

- Gas vent installation
- Groundwater monitoring well installation

The following remedial actions were undertaken at the FSP:

- Multi-layer cap installation over the FSP
- Sheetpile wall installation between the FSP and Silver Creek
- Gas vent installation
- Installation of a leachate collection and discharge system in a trench downgradient of the FSP and upgradient of Silver Creek
- Installation of a wet well at low point in the leachate collection system directing water to sanitary sewer
- Installation of a leachate collection system metering vault
- Groundwater monitoring well installation

2.2 HYDROLOGY

The Site is located in the Halfway Creek drainage basin that flows into Lake Erie. Silver Creek passes through the southern section of the Site and enters Halfway Creek approximately 4 miles east of the Site. Silver Creek is approximately 7 miles in length. In the vicinity of the Site, Silver Creek is approximately 10 to 15 feet wide and up to 2 feet deep during normal flow conditions. The Ohio Environmental Protection Agency (Ohio EPA) has designated Silver Creek as a warm water habitat that may potentially be used for agricultural or industrial water supply usage, and for primary contact recreational usage. Silver Creek is not gauged for flow; therefore, no historical flow data is available. Outside of the area of active remediation, groundwater seepage has been observed along the side banks of Silver Creek in several locations.

Five on-Site drainage ditches flow intermittently into Silver Creek. The locations of the drainage ditches are presented on Figure 2.1. Drainage ditch A and drainage ditch B are located along the west side and east side of the FDA, respectively. Drainage ditch C and drainage ditch D are located on the east side of the property, while drainage ditch E is located at the south end of the property. Figure 2.1 also presents the general Site topography, prior to capping of the FDA and FSP.

The majority of the Site, including the ditches and former stormwater pond (FSP), are located within the 100-year flood plain of Silver Creek. The FDA is in an area of minimal flooding between the limits of the 100-year and 500-year floods (National Flood Insurance Program, June 4, 1980).

2.3 TOPOGRAPHY

Topographic contours were prepared from an aerial survey conducted on November 24, 1997 (prior to remediation) and these contours are presented on Figure 2.1. The Site topography shows that the FDA and FSP are located along hillsides adjacent to Silver Creek. The ground surface contours north and south of the FDA and FSP remain unchanged by remediation. The remediation of these two areas resulted in changed topographic grades over each area. The topographic relief on the FDA now ranges from 619 feet above mean sea level (ft AMSL) (peak of the mound) to 608 ft AMSL at the north edge of the FDA to 600 ft AMSL at the south edge of the FDA. The topographic relief on the FSP now ranges from 608 ft AMSL (peak of the mound) to 606 ft AMSL at the north edge of the FSP to 600 ft AMSL at the south edge of the FSP. Silver Creek tranverses the Site from west to east at an elevation of 592 to 594 ft AMSL.

2.4 SITE-WIDE GEOLOGY AND HYDROGEOLOGY

The stratigraphic conditions at the Site were determined based on a review of historical stratigraphic logs. Based on this review, the stratigraphic conditions discussed below were identified, and the presence of a wide-spread clay unit(s) was also identified. The historic and current groundwater elevation data and monitoring program are also presented below.

2.4.1 STRATIGRAPHY IN THE VICINITY OF THE FDA AND FSP

The geologic materials at the Site consist of sand and silty sands to a depth approximately 5 to 15 feet. From approximately 5 to 32 feet, a silt unit overlying silty clay till unit was typically encountered. Underlying the till unit is a groundwater-yielding zone of fairly well-sorted medium and fine sands. The shallow sands and silty sands appear to be hydraulically isolated from the lower medium and fine sands by the till unit.

Figure 2.2 presents the locations of historic investigative locations as of calendar year 2000, along with two lines of cross-section, one of which passes through or immediately adjacent to the FDA and FSP. The schematic west to east cross-section A-A', off-set north from and parallel to Silver Creek, is presented on Figure 2.3. Schematic cross-section B-B' is not relevant to this evaluation and has not been presented.

Historical cross-sections were prepared as part of remedial design. Three north to south cross-sections were prepared for the FDA. The locations of these cross-sections are presented on Figure 2.4 and the cross-sections are presented on Figure 2.5. No cross-sections were prepared for the FSP.

2.4.2 TOP OF CLAY UNIT ELEVATIONS

The top of the till unit elevations would partially control groundwater flow directions and elevations. The top of the silty clay till unit (or other fine grained units that potentially act as an aquitard) elevations are presented on Figure 2.6, using all available historical and recent borehole and test pit data. The posted elevation values are from the available stratigraphic logs. The posted values on Figure 2.6 indicate that there is more than one clay unit identified in some borings.

2.4.3 SITE-WIDE HYDROGEOLOGY

The shallow saturated zone appears to be 0 to less than 7 feet thick and may represent a perched water-bearing zone. The shallow groundwater generally flows towards Silver Creek and discharges to Silver Creek during most of the year. Some groundwater flow is likely intercepted by the drainage ditches adjacent to the FDA and FSP. Table 2.1 presents the monitoring location completion details.

Figure 2.7 shows typical high groundwater and surface water elevations at the Site as measured on March 6, 1998. Figure 2.8 shows typical low groundwater elevations at the Site as measured on October 14, 1998. Note that surface water elevations were not recorded during the October 1998 monitoring event, which results in uncertainty in the presentation of the October 1998 groundwater contours near Silver Creek. More recent groundwater contours have not been prepared, since the post-remediation monitoring program consists of a maximum of five monitoring wells adjacent to the FDA or FSP plus one well distant from the FDA and FSP.

Historic groundwater elevation data for the vicinity of the FDA and FSP are presented in Table 2.2. Groundwater elevations were noted to change approximately 3 feet seasonally at MW117-99 (north of the FDA), and approximately 4 to 6 feet seasonally at MW124-02 and MW125-02 (south of the FDA). The greater changes at the two southern wells likely reflect changes in the surface water elevation of Silver Creek, however, staff gauge elevations are not routinely available. The limited surface water elevation data indicates at least a 2.5 to 3 feet seasonal change in surface water elevation.

These historic groundwater contours in the vicinity of the FDA indicate a horizontal hydraulic gradient (from near MW-1 to near Silver Creek) of approximately 0.03 feet/foot during typical high groundwater conditions, and decline to approximately 0.01 feet/foot during typical low groundwater conditions, primarily due to much lower groundwater elevations on the north side of the FDA. The current horizontal hydraulic gradients in the vicinity of the FDA (from near MW117-99 to near Silver Creek) are approximately 0.025 to 0.018 feet/foot, depending on the time of year the monitoring was conducted and using only the existing monitoring wells as data points. The groundwater elevations along Silver Creek (monitoring wells MW124-02 and MW125-02) were similar to pre-remediation/capping groundwater levels, and indicate limited effects by the groundwater/leachate collection system.

There were no monitoring wells or groundwater elevation data available north of the FSP to determine horizontal hydraulic gradients historically or currently.

2.4.4 HYDRAULIC CONDUCTIVITY OF THE NATIVE SOILS

In order to evaluate the groundwater flow velocity and groundwater flux beneath and adjacent to the Site, the horizontal hydraulic conductivity of the native soils in the immediate vicinity of the FDA and FSP is required. The available horizontal hydraulic conductivity data was reviewed. This data was collected from monitoring wells installed during 1998 and 1999. The horizontal hydraulic conductivity of the overburden ranged from 4.9×10^{-5} to 1.5×10^{-2} cm/sec, with a geometric mean of 1.8×10^{-3} cm/sec.

2.5 GROUNDWATER/LEACHATE COLLECTION SYSTEM

The remedial activities conducted during calendar year 2000 included the capping of the FDA and FSP, and the installation of a sheet pile wall and polyethylene barrier along the downgradient side of the FDA, and a sheet pile wall along the downgradient side of the

FSP. The sheet pile walls were installed into the underlying fine-grained units to cut off groundwater flow. Leachate collection systems were installed on the upgradient sides of the sheet pile walls/polyethylene barrier, consisting of 6-inch diameter perforated high density polyethylene (HDPE) piping connected to manholes and cleanouts, with each collection system discharging into a wet well. The wet wells are piped via forcemain to a common pipe where a flowmeter and a sample port are located. The forcemain then discharges into the City of Toledo sanitary sewer system.

The wet wells currently receive power supply from the GM facility located to the north. If the power supply is interrupted to the wet wells, the pumps will not operate until the power is turned back on and the pump timers are reset. The pump timers control the pumps to turn on at 1 p.m. and turn off at 1 a.m. every day, 7 days per week.

Figure 2.6 provides the layout of the sheet pile walls, polyethylene barrier, and leachate collection system. The elevation of the perforated HDPE collection pipe in the FDA is approximately 594 ft AMSL. The elevation of the base of the waste is approximately 597.8 ft AMSL. The sheet piling along the flanks of the FDA was installed to an elevation of approximately 588 ft AMSL.

The elevation of the perforated HDPE collection pipe in the FSP is approximately 587 ft AMSL. The elevation of the base of the former stormwater pond and sludges was approximately 591.7 ft AMSL. The sheet pile wall was installed to an elevation of approximately 576 ft AMSL.

These leachate collection system pipes control the local groundwater elevation when the wet wells are pumping. When the wet wells are not pumping, the groundwater elevation is permitted to recover with time to natural levels, which are approximated by the groundwater contours presented on Figures 2.7 and 2.8. The time required for groundwater levels to recover to near static conditions from the daily pumping is uncertain, and would be based on the natural flux of groundwater into the FDA and FSP.

The wet well elevation data from calendar year 2000 through 2011 are presented in Table 2.3. No recent data is available. The elevations of the groundwater/leachate in the two wet wells and the total pumping rate for the collection system, based on approximate twice monthly readings from 2008 through 2011 are presented on Figure 2.9. The data show that the wet well elevations are only occasionally above the base of the waste material in the FDA or FSP. The pumping rate varies significantly, and appears to be seasonally higher during late fall to late spring, and lower during late summer, though significant variability exists.

2.6 GROUNDWATER CHEMISTRY

The available combined wet wells leachate chemistry data for the period 2002 to 2012, and the three samples from each of the Wet Well East and Wet Well West (2006 to 2007) are presented in Table 2.4. All detected parameter concentrations are presented in bold font for ease of identification. This period was chosen as it is post-remediation and capping, and reflects the operation of the groundwater/leachate collection system. During this period, no groundwater or surface water samples were collected. The only available data is the composited groundwater/leachate sample collected approximately monthly from the sample port located near the discharge to the sanitary sewer system. The existing groundwater monitoring wells have never been sampled, with the exception of one groundwater sample from MW117-98 (September 1999, prior to capping).

The combined wet wells analytical data presented in Table 2.4 indicate that the groundwater/leachate collected and discharged to the sanitary sewer is essentially unimpacted. Zinc was routinely detected approximately one-half of the time. Other metals detected one to six times over the 10-year period include arsenic, cadmium, copper, lead, and nickel. Detected pesticides and polychlorinated biphenyls (PCBs) include one detection each of Aroclor-1248 and 4,4-dichloro diphenyl trichloroethane (4,4-DDT). Detected semivolatile organic compounds (SVOCs) include bis(2-chloroethyl)ether, bis(2-ethyhexy)phthalate, naphthalene, and phenol. Detected volatile organic compounds (VOCs) include methylene chloride, trichloroethene (TCE), and vinyl chloride (VC). N-Hexane extractable material was detected on four occasions, and cyanide was detected one occasion. The detected parameter concentrations are low and generally well below applicable groundwater quality criteria. General chemistry data are not analyzed, with the exceptions of cyanide and total suspended solids (TSS).

The chemistry of the leachate within the FDA and FSP is less well known, as the monitoring locations were abandoned prior to capping. Available data for the FDA indicate common detections of the following VOCs: TCE, VC, and cis-1,2-dichloroethene (cis-1,2-DCE). Aroclor -1248 was detected on one occasion. Available data indicate common detections of the following metals: barium, copper, and zinc, along with the common metals calcium, iron, magnesium, manganese, sodium, and potassium. Sulfate was detected at elevated concentrations in MW101-98 on one occasion, however, general chemistry parameters were generally not analyzed for groundwater samples from the FDA.

Available data for the FSP indicate few detections of the VOCs, with only 1,1-dichloroethane (1,1-DCA) detected on more than one occasion. No Aroclors (PCBs)

were detected. Available data indicate common detections of the following metals: arsenic, barium, lead, and zinc, along with the common metals calcium, iron, magnesium, manganese, and sodium (potassium was not detected). General chemistry parameters were generally not analyzed for groundwater samples from the FSP.

3.0 SCOPE OF WORK

This section presents the scope of work related to the monitoring of the shutdown period. These work items will allow for a better understanding of the local hydrology, groundwater chemistry, and groundwater flow

3.1 INSTALLATION OF ADDITIONAL MONITORING WELLS AND STAFF GAUGES

The installation of additional boreholes/monitoring wells and staff gauges is required to further understand the geologic and hydrogeologic conditions, and to provide hydraulic and geochemical monitoring locations for documenting existing conditions prior to the shutdown of the existing groundwater/leachate collection system. Any new monitoring wells installed under this Work Plan are considered exempt from any required monitoring that is part of the permitted operation of the existing groundwater/leachate collection system.

3.1.1 LOCATION AND JUSTIFICATION FOR ADDITIONAL MONITORING LOCATIONS

The locations of the proposed monitoring wells and staff gauges are presented on Figure 3.1. These locations were chosen to provide additional hydraulic monitoring data at key upgradient, cross-gradient, downgradient, and surface water locations. Specifically, two additional monitoring wells are proposed around the perimeter of the FDA and two additional monitoring wells are proposed around the perimeter of the FSP. Three additional staff gauges are proposed for Silver Creek. Site logistics were reviewed in the determining of the locations of these monitoring wells, and the actual locations may need to be adjusted based on actual field conditions.

The proposed monitoring wells around the FDA include:

- MW146-12 - installed at the west end of the FDA sheet pile wall to monitor groundwater elevations and groundwater chemistry
- MW147-12 - installed at the east end of the FDA sheet pile wall to monitor groundwater elevations and groundwater chemistry

The proposed monitoring wells around the FSP include:

- MW148-12 - installed near the west end of the sheet pile wall of the FSP to monitor groundwater elevations and groundwater chemistry
- MW149-12 - installed north of the FSP to monitor groundwater elevations

The proposed staff gauges in Silver Creek include:

- SG11-12 - installed opposite MW126-02 to provide surface water elevations
- SG12-12 - installed opposite MW133-11 to provide surface water elevations
- SG13-12 - installed opposite MW124R-07 to provide surface water elevations

In addition, the sideslopes in several locations along drainage ditches A and B will be inspected to determine if groundwater seeps are present along the ditches.

3.1.2 INSTALLATION METHODOLOGY

At each proposed investigative location, a borehole will be advanced using direct-push methodology (Geoprobe® or similar) to an elevation of approximately 580 ft AMSL, to try to locate regionally extensive stratigraphic units, in order to better understand the continuity of the shallower units. The boreholes will thus be advanced approximately 20 to 30 feet below ground surface (ft bgs) (depending on location). Soil samples will be collected with a disposable polyethylene liner within the direct-push rods.

All soil samples will be described by a senior qualified geologist or geological technician using the Unified Soil Classification System (USCS). Representative soil samples will be placed in a Ziploc® bag for headspace screening using a photoionization detector (PID).

Selected soil samples from the aquifer unit(s) and the aquitard unit(s) will be collected for grain size analysis. The grain size analysis will help determine the estimated hydraulic conductivity of the soil materials.

Following the completion of the borehole advancement, the boreholes will be backfilled with bentonite gravel to one foot below the proposed bottom of the screened interval and hydrated with potable water. The borehole will then be redrilled using 4 1/4-inch inner-diameter hollow-stem augers, without soil sampling, to the target depth. The observation wells will be installed through the augers and will be constructed of 2-inch diameter, 0.01-inch (10 slot), 5-foot long polyvinyl chloride (PVC) screens with threaded

end caps. Monitoring well risers will be 2-inch diameter PVC with flush-threaded joints. A filter pack consisting of medium grained silica sand (10-20 mesh) will be installed approximately 0.5 to 1 foot below the bottom of the well screen to approximately 1 to 2 feet above the top of the well screen. Approximately 2 to 3 feet of bentonite gravel will be placed above the sand pack and hydrated to provide an annular seal. The uppermost 1 to 3 feet of the boring annulus will be filled with concrete, forming a pad of at least 2-foot square at the ground surface, that slopes away from the well. A locking steel protective casing will be set in the concrete over the well riser. The protective casing will extend to approximately 2.5 feet above ground surface, and will be fitted with a hinged cap. The well identification number will be permanently marked on the outer casing of all newly installed monitoring wells using a stamped metal tag.

Staff gauges, consisting of steel T-bars, will be installed at the three locations shown on Figure 3.1. All staff gauges will be installed by hammering in the T-bars using a slide hammer, and installed until the soil is very firm or refusal is encountered. Each staff gauge identification number will be attached using a numbered tag and wired to the staff gauge.

Horizontal locations will be surveyed relative to the Ohio State Plane Grid Coordinates. Elevations will be surveyed relative to the 1988 North American Vertical Datum. Elevations for all locations other than tops of risers (highest point on the well riser pipe) will be surveyed to the nearest 0.1-foot accuracy. Elevations for monitoring wells and staff gauges will be surveyed to the nearest 0.01-foot accuracy. Staff gauges may need to be surveyed each spring due to the potential for the staff gauge to be disturbed by winter frozen conditions.

3.1.3 WELL DEVELOPMENT

All of the monitoring wells will be developed by mild surging and pumping or mild surging and bailing, but not sooner than 48 hours after the well installation is completed. In addition, all existing monitoring wells will be developed as these wells have not been previously sampled. Development will continue until the turbidity of the development water is equal to or less than 5 nephelometric turbidity units (NTUs). In the event that turbidity values of less than 5 NTUs cannot be achieved, well development may also be considered complete if a minimum of 10-well volumes have been removed or field measured temperature, pH, and conductivity have stabilized to plus or minus 10 percent over a minimum of at least three well volumes. In the event that wells are purged dry, the well development will be considered complete after purging the well dry at least three times.

3.2 HYDRAULIC CONDUCTIVITY TESTING

Single-well response (slug) testing will be performed at all newly installed and developed monitoring wells and all existing monitoring wells that have at least 4 feet of water column for testing.

Single-well response testing will involve displacement of the water in the wells by inserting or removing a known volume ("slug"). The slug will consist of a section of solid PVC rod of known volume. Alternatively, the wells may be bailed down at least one foot. Prior to slug testing, the static water level in the well will be measured using an electronic water level meter, and a continuous recording transducer and datalogger system may be installed in the well to facilitate rapid water level measurements. The solid slug will then be quickly lowered into the water column, displacing a known volume of water and raising the water instantaneously. The decrease in the water level (falling head test) with elapsed time will be monitored continuously by the datalogger or by hand using the electronic water level meter. The falling head test data will be discarded for wells where the static water level is below the top of the screen, due to the non-linear water table boundary condition.

Once the water level returns to static conditions, the slug will be quickly removed from the well, instantaneously dropping the water level. The increasing water level (rising head test) will be monitored until the water level returns to static conditions. Upon completion of the slug testing, the water level data will be used to calculate an estimated hydraulic conductivity using appropriate analytical methods depending on the aquifer condition.

3.3 GROUNDWATER ELEVATIONS

Hydraulic monitoring will be performed at all existing and new monitoring wells and at the staff gauges on a twice monthly basis for approximately 7 months following installation and well development (one month baseline monitoring plus six months shutdown monitoring). This monitoring frequency is intended to coincide with the current monitoring program. Water levels will also be measured in manholes, cleanouts, and wet wells in the groundwater/leachate collection system. This hydraulic monitoring information will allow for the refinement of the groundwater contours and better understanding of groundwater flow directions.

Groundwater elevations will be measured in each well using an electronic water level meter. Measurements will be made from the highest point on the top of the PVC casing

or the top of the manhole/cleanout/wet well to the static water level. Depth to water will be determined to the nearest one hundredth of a foot (0.01).

Continuous water level monitoring will also be conducted using pressure transducers/data loggers in selected wells, manholes, cleanouts, and wet wells for a period of time such as one to two months. Due to the limited saturated thickness in some wells, the pressure transducers will be set within 0.5 feet of the bottom of the well (above any sediment in the well), and be of a limited range (e.g., 0 to 15 feet), to improve sensitivity. It is anticipated that vented pressure transducers (e.g., Telog or equivalent) that record height of water will be used. If unvented pressure transducers are used (e.g., Solinst Levelogger™ or equivalent) that record total pressure (height of water plus barometric pressure), then a barometric pressure transducer placed in a well on Site will be required to correct the total pressure data for changes in barometric pressure.

3.4 GROUNDWATER CHEMISTRY

Groundwater sampling will not proceed until at least 2 weeks after the completion of well development. Prior to collecting groundwater samples, all existing monitoring wells at the Site will be inspected to evaluate the well condition.

Monitoring wells to be sampled include the five existing wells (MW117-99, MW124R-07, MW125-02, MW126-02, and MW127-02) and the four proposed monitoring wells (MW146-12, MW147-12, MW148-12, and MW149-12). Groundwater samples will be collected after well installation (to establish baseline conditions), and every month during the 6-month shutdown period, totaling seven samples per monitoring well. Following the 6-month shutdown period, if the groundwater chemistry results indicate no significant impacts, the groundwater sampling will be reduced to semi-annual frequency.

Groundwater sampling will be conducted using standard low-flow purging (LFP) techniques to obtain samples that are representative of groundwater moving through the subsurface under natural conditions.

Groundwater samples will be collected and analyzed for the parameters listed in Table 3.1 (the standard analytical parameters for this Site) and selected additional general chemistry and metals parameters for the baseline event and during months 2, 4, and 6 of the shutdown period. During months 1, 3, and 5 only dissolved metals and PCBs will be analyzed. The additional general chemistry parameters include chloride, sulfate, alkalinity, nitrate, nitrite, and ammonia. The additional metals parameters

include calcium, iron, magnesium, manganese, potassium, and sodium. Table 3.2 presents a schedule of sampling events and the analyses to be performed during each event.

In addition, groundwater seep samples may be collected during the shutdown period. If, at any time during the shutdown period, groundwater is observed seeping into the onsite ditches then samples of the seepage will be collected and analyzed for the parameters listed in Table 3.1.

3.5 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

The field procedures for QA/QC include ambient field blanks and field duplicates for groundwater at a rate of one per 10 investigative samples. Rinse blanks will be collected at a rate of one per 10 investigative samples if dedicated sampling equipment is not used (e.g., submersible purging pumps). A single trip blank per sample cooler will be used for VOCs only. Matrix spike/matrix spike duplicates (MS/MSD) samples will be collected in additional sample containers marked MS/MSD at a rate of one per 20 investigative samples. Since there will be approximately 9 groundwater samples collected per monitoring event, one ambient field blank, and one field duplicate will be collected per monitoring event, with MS/MSD samples collected every second monitoring event. The samples will be delivered to the analytical laboratory following standard chain-of-custody procedures.

Upon receipt of the data packages from the project laboratory the data will be reviewed and validated. The data review will evaluate the finished data sheets, field blank data, field duplicate data and recovery and RPD data for surrogate spikes, lab control samples (LCS), and MS/MSD samples. Validation of the data will consist of evaluating the QA/QC data based on the applicable review criteria specified in "U.S. EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" dated October 1999 and "U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", dated February 1994. Assessment of analytical data will include checks for data consistency by looking for comparability of duplicate analyses, potential sample contamination as indicated by results of trip blank sample analyses, laboratory QA procedures, adherence to accuracy and precision criteria, transmittal errors, and anomalously high or low parameter values. The results of these data validations will be discussed in a data quality assessment and validation memorandum that is included with the data submittals.

3.6 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

All investigation-derived waste (IDW) will be handled under the standard waste handling protocols. The IDW materials that are expected to be produced during investigative activities include drill cuttings, development and purge water from monitoring wells, decontamination water, used personal protective equipment (PPE), and used disposable sampling equipment. Each of these waste streams will be managed as discussed below.

Drill cuttings will be placed into containerized in 55-gallon, DOT approved steel drums. Analysis will consist of TCLP and PCBs, to determine the disposal requirements.

Development and purge water from monitoring wells, and decontamination water will be containerized in 55-gallon, DOT approved steel drums. Water quality samples will be collected and analyzed for TCLP and PCBs, to determine disposal requirements.

Used PPE and used disposable sampling equipment will be placed in garbage bags. The garbage bags will be periodically put into refuse containers.

4.0 METHODOLOGY TO EVALUATE DATA COLLECTED

The data collected under this work plan will be integrated into a report summarizing the data collected. The report will present the collected data in tabular and graphical formats, along with appropriate groundwater/surface water elevation graphs and contour plots, and chemistry databox plots.

4.1 STRATIGRAPHIC RELATIONSHIPS

The borehole stratigraphic logs will be combined with existing data to form a conceptual geologic model. The conceptual stratigraphic model will be prepared by a geologist. The stratigraphic relationships will be presented in a series of cross-sections through the FDA and FSP. A discussion of the geologic conditions will accompany the cross-sections and maps.

4.2 GROUNDWATER AND SURFACE WATER ELEVATIONS

The manual water level data collected under this groundwater monitoring program will be tabulated along with existing data, and as appropriate, presented graphically. The pressure transducer data will be presented graphically, due to the volume of the data. This data will be used to determine the approximate minimum and maximum groundwater elevations, recognizing that all seasonal variations, including seasonal extremes have not been monitored during the 6-month shutdown monitoring period. Selected monitoring dates will be used to generate groundwater and surface water contour maps, similar to Figure 2.7.

4.3 WET WELL OPERATION

The data collected under this groundwater monitoring program will be integrated into the groundwater/surface water data collected above. The operation and shutdown of the wet wells will be discussed as it relates to the groundwater elevations and base of waste beneath the FDA and FSP.

4.4 HYDRAULIC CONDUCTIVITY TESTING

The hydraulic conductivity data will be used to determine groundwater flow rates and groundwater fluxes at varying groundwater elevations. It will also be used to estimate groundwater/leachate collection rates under continuous operation at different wet well pumping elevations.

4.5 GROUNDWATER CHEMISTRY

The groundwater chemistry will provide background and current conditions in order to assess any effects of allowing groundwater elevations to rise to near or above the base of waste beneath the FDA and FSP. The leachability and leaching concentrations of waste materials within the lower portion of the FDA and FSP is unknown.

The groundwater analytical data will be screened against the applicable Water Quality Standards in accordance with Ohio Administrative Code 3745-1. Analytical data for Aquatic Life will be checked against the Inside Mixing Zone Maximum (IMZM) screening criteria and analytical data for Human Health will be checked against the Non-drinking water screening criteria.

4.6 WORK PLAN TERMINATION

It is important to note that certain conditions would warrant the termination of the shutdown period. Primarily, these conditions include exceedances of the screening criteria described in Section 4.5 and the structural integrity of the FDA and FSP.

If an exceedance to the screening criteria is determined then RACER will immediately inform US EPA Region 5 of the location of the monitoring well(s), the exceeding analytical parameter(s), and the date and time of groundwater collection. If, the groundwater exceedance is from an upgradient well then the shutdown period will continue. If the groundwater exceedance is from a downgradient well then the following will be performed.

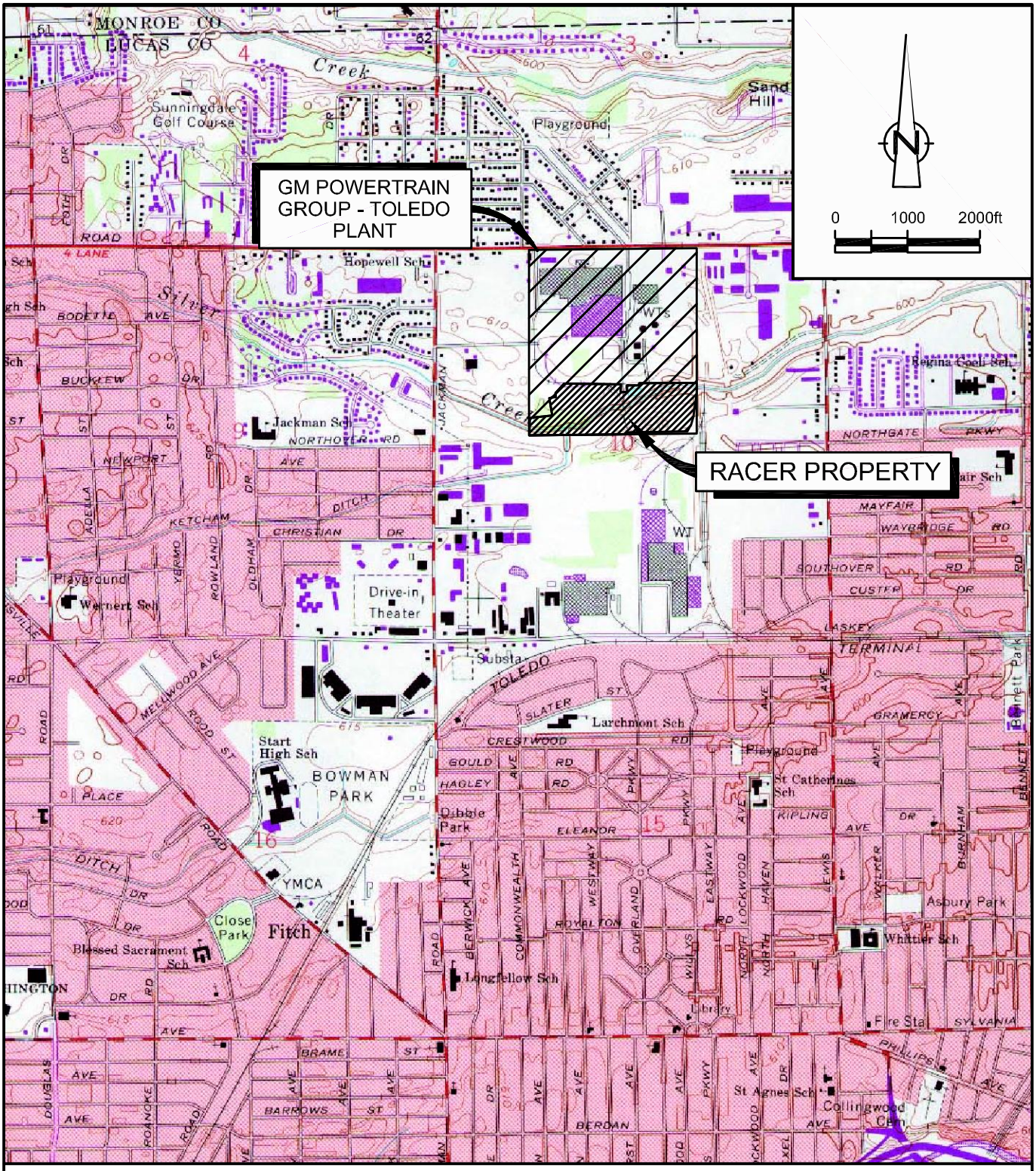
A surface water sample of Silver Creek will be collected and analyzed for the parameters listed in Table 3.1. The analytical data from Silver Creek will be compared to the analytical data from the "exceedance" monitoring well to determine if the groundwater is adversely impacting Silver Creek. If the groundwater is determined to be adversely impacting Silver Creek then the shutdown period will immediately end and the leachate

pumps will be switched on. If it is determined that the groundwater is not adversely impacting Silver Creek then the shutdown period will continue.

If the structural integrity of the FDA and FSP appear to be in danger the shutdown period will immediately end and the leachate pumps will be switched back on. This includes but is not limited to any visual shifting, cracking, or excessive groundwater mounding of the FDA and/or FSP that might undermine the structural integrity of the closed landfill.

5.0 CONCLUSIONS

The report will provide conclusions based upon the data gathered during this work plan. If no adverse environmental conditions are identified as a result of the shutdown test, the report will recommend the extension of the shutdown and the appropriate monitoring to be conducted.



SOURCE: USGS QUADRANGLE MAP:
TOLEDO, OHIO-MICHIGAN

figure 1.1

SITE LOCATION
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio

12609-T01(028)GN-WA001 JUL 6/2012

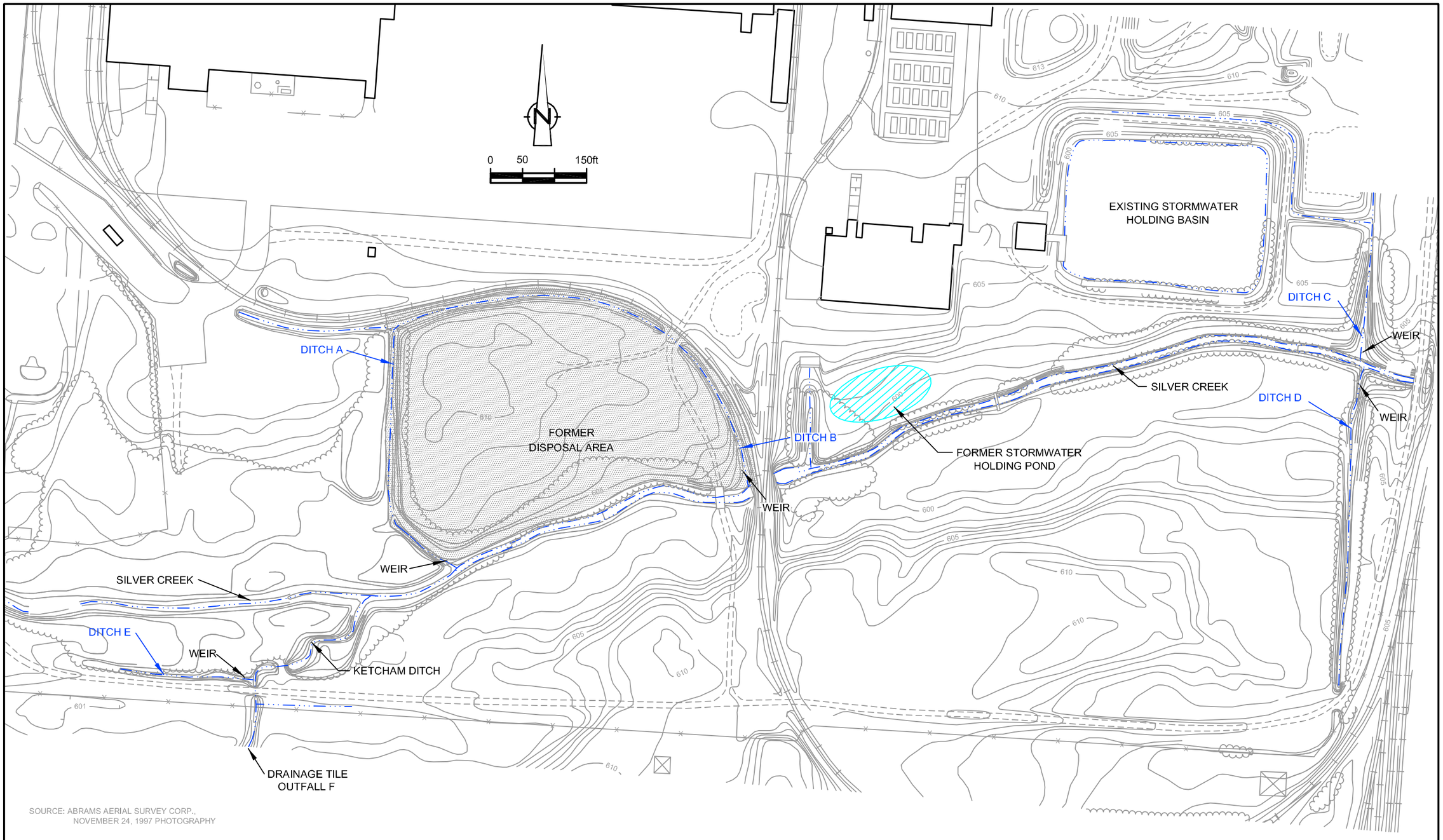


figure 2.1

SILVER CREEK AND ON-SITE TRIBUTARY DITCHES
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio

NOTE:
FIGURE IS TAKEN DIRECTLY FROM CRA REPORT 019 DATED DECEMBER 2000, AND DOES NOT REFLECT CHANGES TO SITE CONDITIONS SINCE THEN.

12609-T01(028)GN-WA002 JUL 6/2012

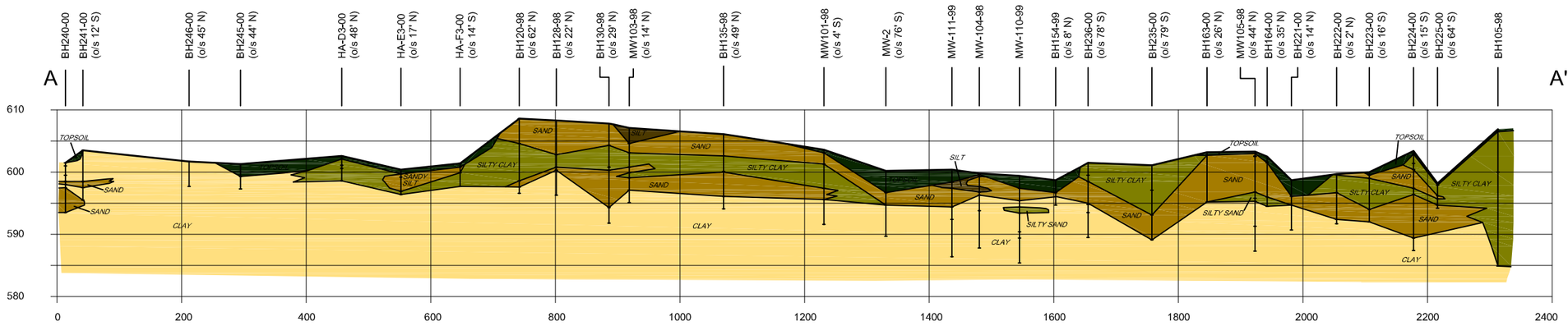
LEGEND

- PROPERTY BOUNDARY
- CREEK
- FENCELINE
- RAILROAD
- VEGETATION
- MW123-00 — MONITORING WELL
- MW-3 — HISTORICAL MONITORING WELL
- BH173-00 — BOREHOLE
- HA-F3-00 — HAND AUGER
- TP-J3-00 — TEST PIT
- TP5-99 — TEST PIT, NOT SAMPLED

NOTE:
FIGURE IS TAKEN DIRECTLY FROM CRA REPORT 019 DATED DECEMBER 2000, AND DOES NOT REFLECT CHANGES TO SITE CONDITIONS SINCE THEN.

figure 2.2

CROSS SECTION LOCATIONS
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio



SCALE: HORIZ. 1"=200'
VERT. 1"=20'

NOTE:
FIGURE IS TAKEN DIRECTLY FROM CRA REPORT 019 DATED DECEMBER 2000, AND DOES NOT REFLECT CHANGES TO SITE CONDITIONS SINCE THEN.

figure 2.3

SCHEMATIC CROSS-SECTION A-A'
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio

No.	Revision	Date	Initial
1	PEER REVIEWED	JUNE 2000	KCA

N

0 20 40ft

EXISTING LEGEND

- CONTOUR
- ROAD
- RAILROAD
- MANHOLE
- TREE
- BRUSHLINE/DENSE VEGETATION LIMIT
- MONITORING WELL
- BOREHOLE LOCATIONS
- ELECTRICAL MANHOLE

NOTE:
FIGURE IS TAKEN DIRECTLY FROM CRA REPORT 018 DATED JULY 2001, AND DOES NOT REFLECT CHANGES TO SITE CONDITIONS SINCE THEN.

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

RACER PROPERTY
TOLEDO, OHIO

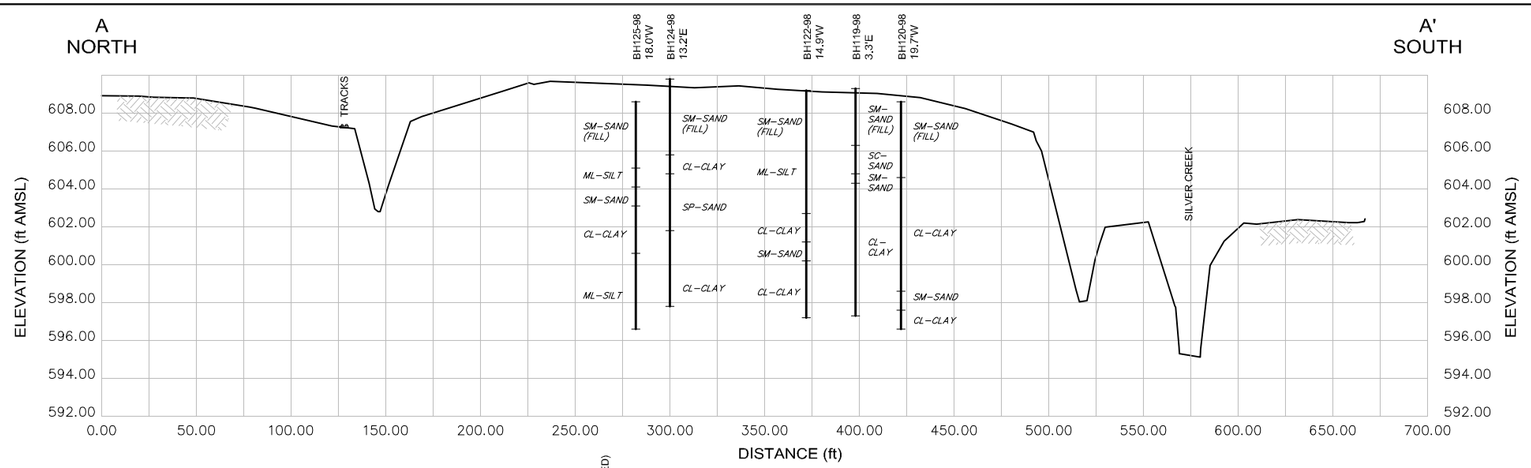
SITE REMEDIATION-AS RECORDED

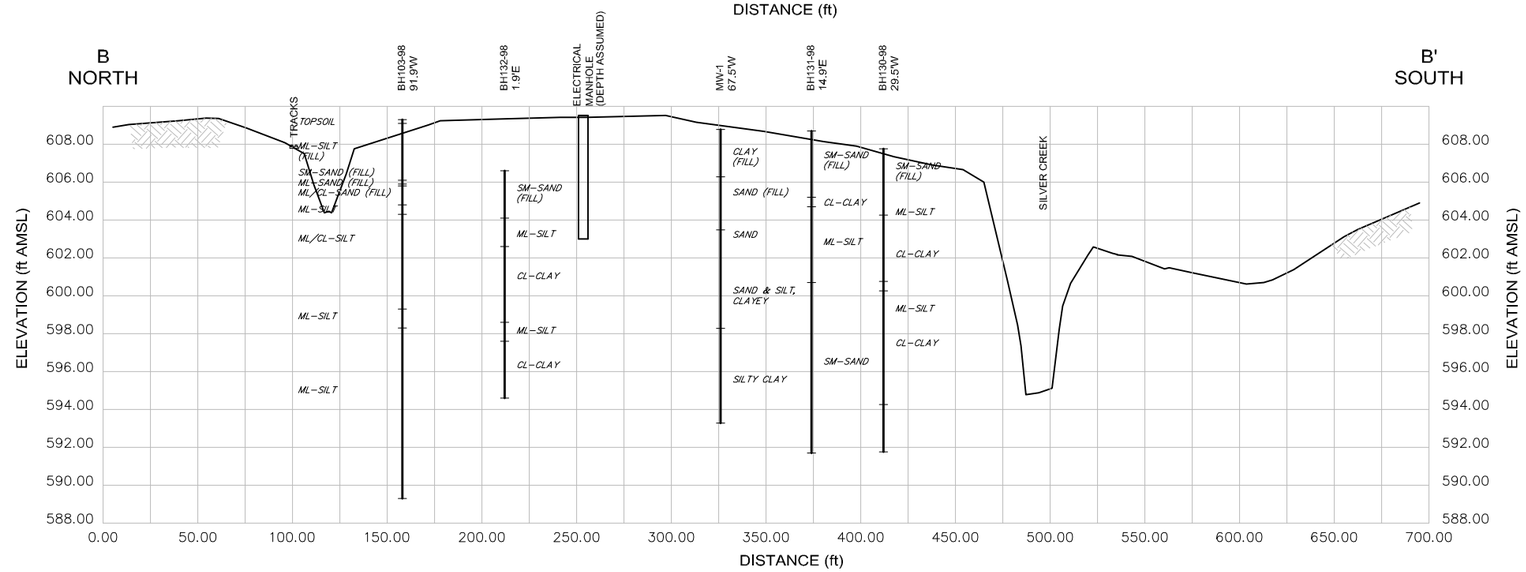
FORMER DISPOSAL AREA
PRE-EXISTING CONDITIONS

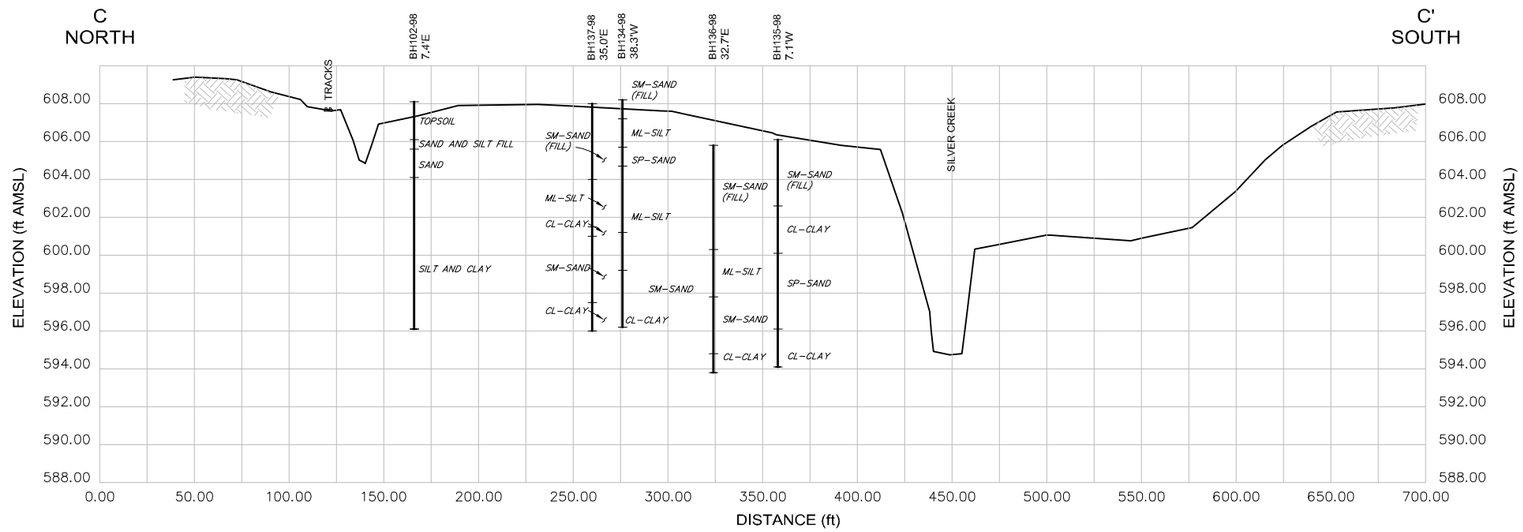
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:
LEWANDOWSKI ENGINEERS, TOLEDO OHIO. DRAWING #35010-GM

Project Manager:	Reviewed By:	Date:	
D.WAGNER	C.HEBERT	JULY 2012	
Scale: 1"=40'	Project No.: 12609-T01	Report No.: 028	Drawing No.: figure 2.4







No.	Revision	Date	Initial
1	PEER REVIEWED	JUNE 2000	KCA

NOTE:
FIGURE IS TAKEN DIRECTLY FROM CRA REPORT 018 DATED JULY 2001, AND DOES NOT REFLECT CHANGES TO SITE CONDITIONS SINCE THEN.

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

RACER PROPERTY
TOLEDO, OHIO

SITE REMEDIATION-AS RECORDED

FORMER DISPOSAL AREA STRATIGRAPHIC CROSS-SECTIONS

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
D.WAGNER	C.HEBERT	JULY 2012	
Scale: 1"=40' 1"=4'	Project No.: 12609-T01	Report No.: 028	Drawing No.: figure 2.5

12609-T01(028)GN-WA005 JUL 6/2012

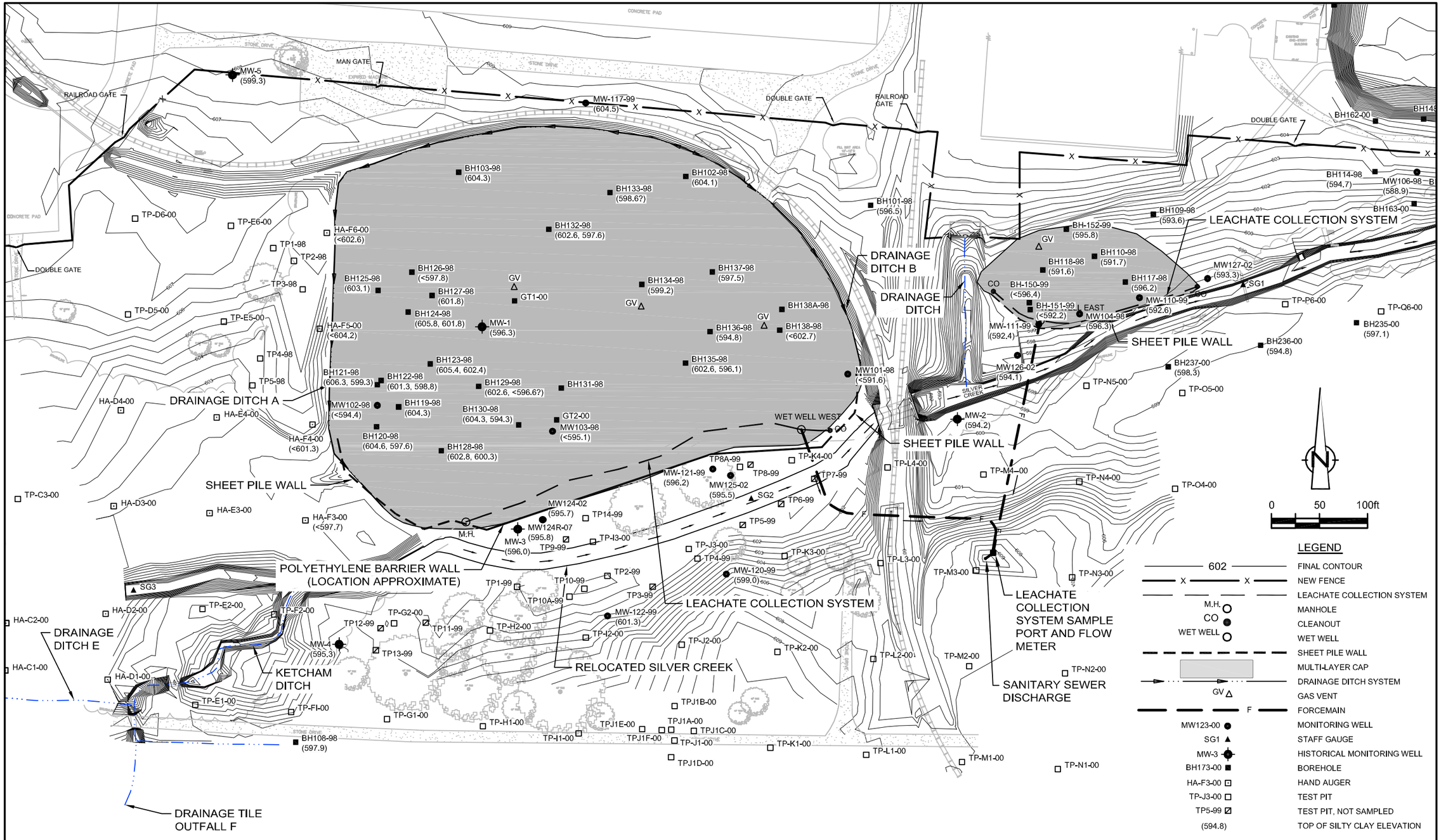
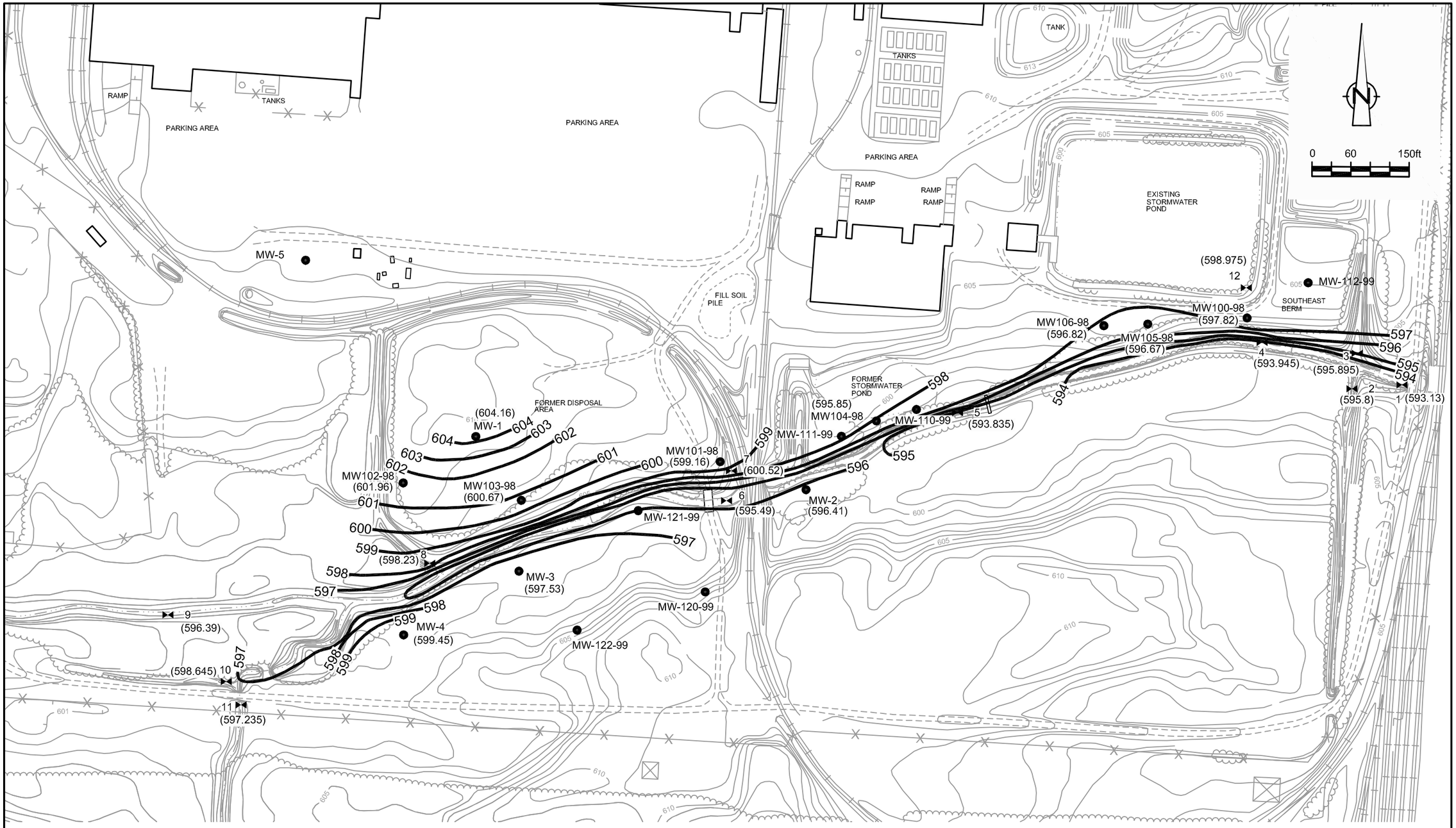


figure 2.6

TOP OF SILTY CLAY UNIT
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio

SOURCES:
LEWANDOWSKI ENGINEERS, TOLEDO, OHIO DRAWING No. 35010-GM
NOVA SURVEYING AND MAPPING SERVICES

12609-T01(028)GN-WA006 JUL 6/2012



LEGEND

MW106-98 ● MONITORING WELL

2 ⧗ STAFF GAUGE

(600.67) GROUNDWATER ELEVATION-MARCH 1998

597 ——— CONTOUR LINE

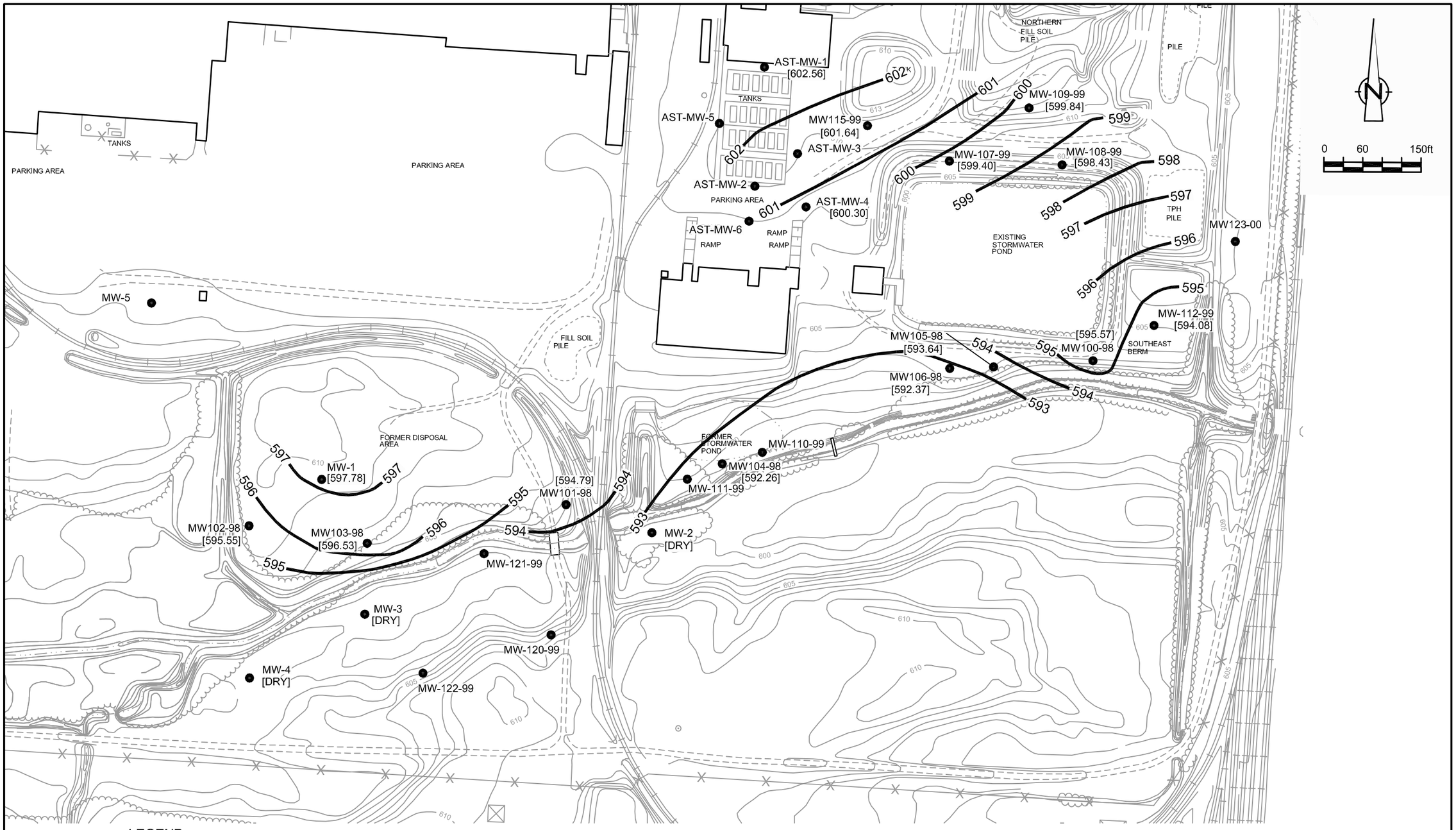
SOURCE: ABRAMS AERIAL SURVEY CORP., NOVEMBER 24, 1997 PHOTOGRAPHY

NOTE:
CONTOURS AND ELEVATIONS REFLECT PRE-REMEDIATION /CAPPING CONDITIONS. FIGURE IS TAKEN DIRECTLY FROM CRA REPORT 019 DATED DECEMBER 2000, AND DOES NOT REFLECT CHANGES TO SITE CONDITIONS SINCE THEN.

figure 2.7

HISTORICAL GROUNDWATER AND SURFACE WATER ELEVATIONS - MARCH 6, 1998
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio

12609-T01(028)GN-WA007 JUL 6/2012



LEGEND

MW106-98 ● MONITORING WELL

(600.67) GROUNDWATER ELEVATION-MARCH 1998

597 CONTOUR LINE

SOURCE: ABRAMS AERIAL SURVEY CORP., NOVEMBER 24, 1997 PHOTOGRAPHY

NOTE:
CONTOURS AND ELEVATIONS REFLECT PRE-REMEDIATION /CAPPING CONDITIONS. FIGURE IS TAKEN DIRECTLY FROM CRA REPORT 019 DATED DECEMBER 2000, AND DOES NOT REFLECT CHANGES TO SITE CONDITIONS SINCE THEN.

figure 2.8

HISTORICAL GROUNDWATER ELEVATIONS - OCTOBER 14, 1998
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio

12609-T01(028)GN-WA008 JUL 6/2012

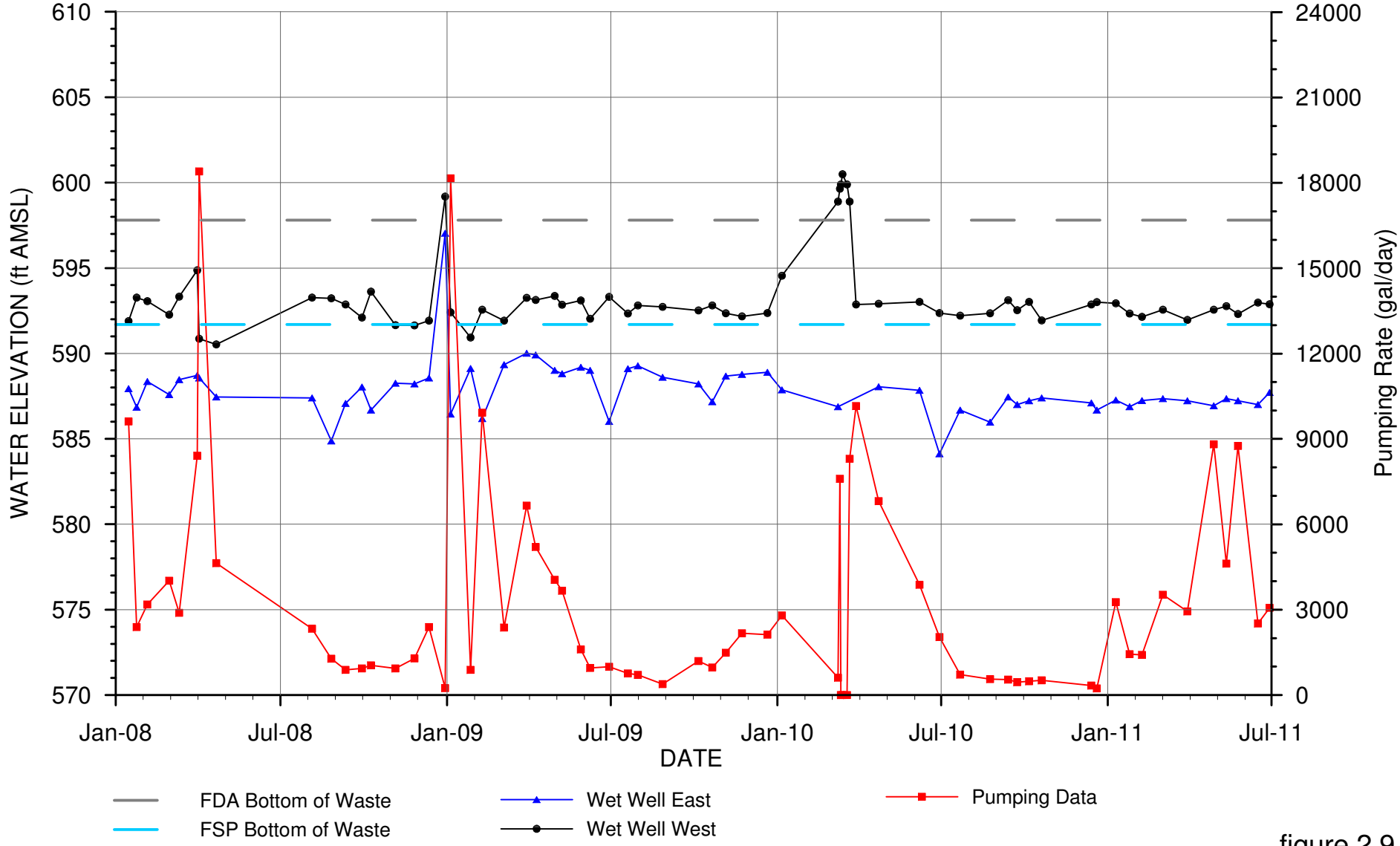


figure 2.9

WET WELLS ELEVATIONS/COLLECTION SYSTEM PUMPING RATE
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio

12609(28) GN-WA-HYD (i:\HG\12609\Grapher\12609-F2_9.grf) Jul 2012

figure 3.1

PROPOSED ADDITIONAL MONITORING LOCATIONS
RACER SITE 1099, TOLEDO 103C LANDFILL
Toledo, Ohio

SOURCES:
LEWANDOWSKI ENGINEERS, TOLEDO, OHIO DRAWING No. 35010-GM
NOVA SURVEYING AND MAPPING SERVICES

12609-T01(028)GN-WA009 JUL 9/2012

TABLE 2.1

MONITORING LOCATION COMPLETION DETAILS
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Location	*Top of Casing*	*Ground Surface*	*Top of Sandpack*	*Top of Screen*	*Bottom of Screen*	*Bottom of Sandpack*	*Status*	*Depth to Clay Unit*	*Elevation of Clay Unit*
Staff Gauges									
Creek #1	--	--	--	--	--	--	Unknown		
Creek #2	--	--	--	--	--	--	Unknown		
Creek #3	--	--	--	--	--	--	Unknown		
Creek #4	--	--	--	--	--	--	Unknown		
Staff Gauge #1	--	598.6	--	--	--	--	Unknown		
Staff Gauge #2	--	596.5	--	--	--	--	Unknown		
Staff Gauge #3	--	596.6	--	--	--	--	Unknown		
Staff Gauge #4	--	--	--	--	--	--	Unknown		
Staff Gauge #5	--	--	--	--	--	--	Unknown		
Staff Gauge #6	--	--	--	--	--	--	Unknown		
Staff Gauge #7	--	--	--	--	--	--	Unknown		
Staff Gauge #8	--	--	--	--	--	--	Unknown		
Staff Gauge #9	--	--	--	--	--	--	Unknown		
Staff Gauge #10	--	--	--	--	--	--	Unknown		
Staff Gauge #11	--	--	--	--	--	--	Unknown		
Staff Gauge #12	--	--	--	--	--	--	Unknown		
Boreholes									
BH101-98	--	609.0	--	--	--	--	Abandoned	12.5	596.5
BH102-98	--	608.1	--	--	--	--	Abandoned	4.0	604.1
BH103-98	--	609.3	--	--	--	--	Abandoned	5.0	604.3
BH108-98	--	601.90	--	--	--	--	Abandoned	4.0	597.9
BH109-98	--	602.6	--	--	--	--	Abandoned	9.0	593.6
BH110-98	--	600.7	--	--	--	--	Abandoned	9.0	591.7
BH114-98	--	603.00	--	--	--	--	Abandoned	8.3	594.7
BH117-98	--	599.9	--	--	--	--	Abandoned	3.7	596.2
BH118-98	--	601.1	--	--	--	--	Abandoned	9.5	591.6
BH119-98	--	609.3	--	--	--	--	Abandoned	5.0	604.3
BH120-98	--	608.6	--	--	--	--	Abandoned		604.6, 597.6
BH121-98	--	609.3	--	--	--	--	Abandoned		606.3, 599.3
BH122-98	--	607.6	--	--	--	--	Abandoned		601.3, 598.8
BH123-98	--	609.4	--	--	--	--	Abandoned		605.4, 602.4
BH124-98	--	609.8	--	--	--	--	Abandoned		605.8, 601.8
BH125-98	--	608.6	--	--	--	--	Abandoned	5.5	603.1
BH126-98	--	609.8	--	--	--	--	Abandoned		<597.8
BH127-98	--	609.8	--	--	--	--	Abandoned	8.0	601.8
BH128-98	--	608.3	--	--	--	--	Abandoned		602.8, 600.3
BH129-98	--	608.6	--	--	--	--	Abandoned		602.6, <596.6?
BH130-98	--	607.8	--	--	--	--	Abandoned		604.3, 594.3
BH132-98	--	606.6	--	--	--	--	Abandoned		602.6, 597.6
BH133-98	--	608.6	--	--	--	--	Abandoned		598.6?
BH134-98	--	608.2	--	--	--	--	Abandoned	9.0	599.2
BH135-98	--	606.1	--	--	--	--	Abandoned		602.6, 596.1
BH136-98	--	605.8	--	--	--	--	Abandoned	11.0	594.8
BH137-98	--	608.0	--	--	--	--	Abandoned	10.5	597.5
BH138-98	--	606.7	--	--	--	--	Abandoned		<602.7
BH138A-98	--	--	--	--	--	--	Abandoned	10.0	--
BH139-98	--	--	--	--	--	--	Abandoned	>12	--
BH150-99	--	600.4	--	--	--	--	Abandoned		<596.4
BH151-99	--	600.2	--	--	--	--	Abandoned		<592.2
BH152-99	--	601.8	--	--	--	--	Abandoned	6.0	595.8
BH154-99	--	--	--	--	--	--	Abandoned		no strat log available
BH235-00	--	601.1	--	--	--	--	Abandoned	4.0	597.1
BH236-00	--	601.5	--	--	--	--	Abandoned	6.7	594.8
BH237-00	--	602.3	--	--	--	--	Abandoned	4.0	598.3
Test Pits and Hand Auger Boreholes									
HA-F3-00	--	601.4	--	--	--	--	Abandoned		<597.7
HA-F4-00	--	605.1	--	--	--	--	Abandoned		<601.3
HA-F5-00	--	605.7	--	--	--	--	Abandoned		<604.2
HA-F6-00	--	606.6	--	--	--	--	Abandoned		<602.6
TP-E5-00	--	--	--	--	--	--	Abandoned	>4	--
TP-E6-00	--	--	--	--	--	--	Abandoned	2.0	--
TP-F2-00	--	--	--	--	--	--	Abandoned	2.2	--
TP-G2-00	--	--	--	--	--	--	Abandoned	4.0	--
TP-K4-00	--	--	--	--	--	--	Abandoned	3.9	--
TP-N5-00	--	--	--	--	--	--	Abandoned	>4.5	--
TP-P6-00	--	--	--	--	--	--	Abandoned	0.6	--

TABLE 2.1

MONITORING LOCATION COMPLETION DETAILS
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Location	*Top of Casing*	*Ground Surface*	*Top of Sandpack*	*Top of Screen*	*Bottom of Screen*	*Bottom of Sandpack*	*Status*	*Depth to Clay Unit*	*Elevation of Clay Unit*
Monitoring Wells									
MW-1	612.24	609.8	601.8	599.8	594.8	- -	Abandoned	13.5	596.3
MW-2	602.38	600.2	598.7	596.7	591.7	591.7	Active	6.0	594.2
MW-3	603.97	602.0	600.5	598.5	593.5	593.5	Abandoned	6.0	596.0
MW-4	605.90	603.8	602.3	600.3	595.3	595.3	Abandoned	8.5	595.3
MW-5	610.12	607.8	604.8	602.8	597.8	596.8	Abandoned	8.5	599.3
MW-101-98	605.67	603.6	598.6	597.6	592.6	591.6	Abandoned		<591.6
MW-102-98	611.36	609.4	603.4	600.4	595.4	594.4	Abandoned		<594.4
MW-103-98	609.65	607.1	602.1	601.1	596.1	595.1	Abandoned		<595.1
MW-104-98	602.10	599.8	596.8	594.8	589.8	587.8	Abandoned		596.3
MW-106-98	603.97	603.9	595.9	593.9	588.9	587.9	Active		588.9
MW-110-99	602.56	599.4	594.4	592.4	587.4	587.4	Abandoned		592.6
MW-111-99	603.17	600.4	593.4	591.4	586.4	586.4	Abandoned		592.4
MW-117-99	611.51	608.5	603.5	601.5	596.5	596.5	Active		604.5
MW-120-99	608.89	605.3	597.3	596.3	591.3	591.3	Abandoned		599.0
MW-121-99	603.96	601.2	594.2	591.2	586.2	585.2	Abandoned		596.2
MW-122-99	605.98	603.0	593.0	590.0	585.0	585.0	Abandoned		601.3
MW-124-02	604.37	601.7	598.7	597.7	592.7	592.7	Abandoned	6.0	595.7
MW-125-02	603.53	601.0	598.0	597.0	592.0	592.0	Active	5.5	595.5
MW-126-02	601.29	599.6	597.6	596.6	591.6	591.6	Active	5.5	594.1
MW-127-02	602.27	600.3	598.3	597.3	592.3	592.3	Active	7.0	593.3
MW124R-07	603.55	601.8	600.8	599.8	594.8	593.8	Active	6.0	595.8

TABLE 2.2

GROUNDWATER ELEVATIONS
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Date	MW106-98	MW117-99	MW124-02	MW125-02	MW126-02	MW127-02	SG 1	SG 2	SG 3	MW-1	MW-2	MW-3	MW-4	MW-5	MW-100-98	MW-101-98	MW-102-98	MW-103-98	MW-104-98	MW-105-98	MW-109-99	MW-110-99	MW-111-99	MW-112-99	MW-120-99	MW-121-99	MW-122-99
6-Mar-98	596.82	--	--	--	--	--	--	--	--	604.16	596.41	597.53	599.45	--	597.82	599.16	601.96	600.67	595.85	596.67	--	--	--	--	--	--	--
23-Aug-99	--	601.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	599.22	592.86	589.47	594.08	--	--	--
27-Aug-99	--	601.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	597.23	--	--	599.62	593.36	590.47	594.03	591.29	--	--
20-Sep-99	591.50	600.57	--	--	--	--	--	--	--	598.04	591.14	592.69	594.52	--	594.62	594.79	596.20	596.74	590.32	592.59	598.62	592.36	588.46	593.83	591.24	--	--
14-Oct-99	592.37	600.39	--	--	--	--	--	--	--	597.78	dry	dry	dry	--	595.57	594.79	595.55	596.53	592.26	593.64	599.84	593.46	590.55	594.08	591.24	586.16	585.43
18-Nov-99	--	--	--	--	--	--	--	--	--	597.54	593.07	dry	dry	--	--	595.22	dry	593.52	592.94	--	--	593.64	592.11	--	dry	588.66	585.64
9-Feb-00	592.12	--	--	--	--	--	--	--	--	597.55	--	--	--	--	595.03	596.06	595.24	596.50	--	593.24	--	592.75	594.15	594.53	--	--	--
3-Aug-00	596.02	605.61	--	--	--	--	--	--	--	604.81	597.13	599.54	601.11	--	598.45	601.07	602.18	603.34	598.59	597.11	--	597.18	599.07	598.69	602.21	600.21	602.34
5-Nov-01	595.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6-Dec-01	595.27	604.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10-Jan-02	596.50	603.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7-Feb-02	597.44	605.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6-Mar-02	596.54	604.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9-Apr-02	597.24	606.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23-May-02	596.30	605.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21-Jun-02	595.04	603.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25-Jul-02	594.24	602.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
22-Aug-02	593.91	601.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26-Sep-02	593.60	601.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23-Oct-02	593.42	600.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28-Oct-02	593.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Oct-02	593.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31-Oct-02	593.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20-Nov-02	593.43	601.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19-Dec-02	593.49	603.58	599.30	595.72	594.01	595.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Jan-03	594.88	602.43	595.84	595.94	593.86	594.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18-Mar-03	594.47	604.87	598.32	598.11	594.76	594.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23-Apr-03	595.03	603.98	595.92	596.03	594.39	593.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23-May-03	595.28	604.25	596.08	596.01	594.55	594.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25-Jun-03	594.42	603.07	--	--	593.57	593.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23-Jul-03	594.80	602.45	595.03	592.56	593.11	594.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28-Aug-03	594.20	602.31	595.67	--	593.20	594.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Sep-03	594.49	603.52	596.32	593.55	593.88	594.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Oct-03	594.82	600.58	593.49	595.38	594.09	594.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25-Nov-03	594.82	603.94	597.56	595.98	594.31	594.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Dec-03	596.94	605.54	599.26	597.95	595.43	595.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29-Jan-04	593.18	603.36	595.84	595.84	594.30	594.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20-Feb-04	595.19	603.78	597.40	596.68	594.27	594.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23-Mar-04	595.05	604.58	597.27	596.70	594.86	594.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29-Apr-04	594.91	603.22	595.60	595.62	594.12	593.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20-May-04	594.88	604.23	596.84	596.09	594.56	594.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23-Jun-04	595.61	604.85	596.63	596.49	594.61	594.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29-Jul-04	594.59	603.55	593.86	594.51	593.29	594.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26-Aug-04	594.22	602.92	595.02	--	592.68	593.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29-Sep-04	594.14	602.47	595.08	592.28	593.13	593.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28-Oct-04	593.94	602.54	595.26	594.58	593.49	593.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23-Nov-04	594.42	604.35	597.37	595.72	594.13	593.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
22-Dec-04	595.51	604.24	596.22	596.44	594.62	594.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31-Jan-05	595.48	604.48	595.92	596.09	594.66	594.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25-Feb-05	595.82	605.71	597.99	597.30	595.32	594.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Mar-05	594.94	604.53	596.42	596.25	594.41	594.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9-May-05	595.19	604.71	596.06	596.13	594.48	594.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
24-May-05	595.00	604.45	595.70	595.69	594.27	594.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
22-Jun-05	594.41	603.28	595.07	593.38	593.24	593.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27-Jul-05	--	605.43	597.47	--	595.08	595.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29-Aug-05	594.04	602.93	594.88	--	592.27	593.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31-Oct-05	--	601.92	594.25	591.83	592.36	593.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Nov-05	--	604.85	598.05	594.72	594.28	594.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
22-Mar-06	596.01	604.72	596.45	596.65	595.08	594.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5-Apr-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6-Jun-06	595.42	604.24	595.77	595.32	594.19	594.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12-Jul-06	595.81	605.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20-Dec-06	595.77	604.50	--	596.61	594.84	594.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28-Feb-07	594.98	603.43	--	596.57	594.53	594.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28-Jun-07	594.74	603.91	597.03	595.87	594.69	594.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
24-Jan-08	595.84	604.39	597.62	596.92	594.65	594.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21-Apr-08	595.83	605.14	597.59	596.89	595.02	594.45	593.68	596.24	595.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21-May-08	595.04	604.33	597.12	596.36	594.36	594.12	593.63	596.16	595.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Jun-08	592.92	602.48	595.77	593.21	592.09	592.73	--	595.64	595.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15-Jul-08	596.11	604.54	597.76	596.54	594.90	594.65	593.29	595.77	594.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5-Aug-08	--	--	596.55	595.05	593.10	594.19	593.43	595.64	596.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11-Sep-08	594.32	602.34	592.52	591.78	591.51	593.90	594.14	595.66	596.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30-Dec-08	596.59	603.34	599.59	598.74	595.68	596.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20-Jul-09	594.42	602.36	596.08	594.43	592.83	593.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21-Dec-2009	596.08	604.17	598.43	598.26	595.28	596.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7-Jun-2010	594.28	602.66	597.52	594.72	593.29	593.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20-Dec-2010	596.48	603.67	AB	598.54	595.50	596.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16-Jun-2011	594.38	602.47	AB	595.67	592.93	593.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3-Jan-2012	596.16	603.52	AB	598.35	595.13	596.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15-Jan-2012	606.92	611.53	AB	603.55	601.29	602.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2.3

WET WELL ELEVATIONS
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Date	*Time*	*East Wet Well (ft AMSL)*	*West Wet Well (ft AMSL)*
12-22-00		593.10	595.90
12-28-00		593.23	--
01-03-01		594.81	597.56
01-08-01		594.73	597.64
01-09-01		594.73	597.59
01-11-01		594.73	597.56
01-12-01		594.68	597.56
01-15-01		594.73	597.59
01-16-01		594.68	597.56
01-17-01		594.73	597.59
01-18-01		594.73	597.56
01-19-01		594.68	597.56
01-22-01		594.68	597.56
01-23-01		594.67	597.52
01-24-01		594.67	597.56
01-25-01		594.73	597.56
01-26-01		594.68	597.59
01-30-01		595.15	598.93
02-01-01		595.11	598.97
02-02-01		595.11	599.10
02-05-01		595.11	599.73
02-06-01		595.23	599.86
02-08-01		595.33	599.99
02-09-01		595.48	600.39
02-10-01	1200 hrs	595.73	--
	1300 hrs	594.98	--
	1400hrs	592.23	--
	1530 hrs	--	600.43
	1730 hrs	--	599.39
02-11-01	0800 hrs	593.98	600.23
	1015 hrs	--	599.31
	1345 hrs	--	598.89
	1620 hrs	--	598.47
02-12-01		--	599.06
02-13-01		--	599.46
02-14-01		594.48	595.89
02-15-01	0800hrs	594.52	592.06
	0930hrs	--	593.39
	1300hrs	--	593.89
02-16-01		587.98	594.56
02-17-01	0630hrs	586.90	593.23
	0930hrs	586.88	593.23
02-19-01	0900hrs	587.65	592.98
	1245hrs	587.82	593.39
02-20-01	1000hrs	587.32	593.14
	1500hrs	586.57	593.39
02-21-01		587.36	593.10
02-26-01	0900hrs	586.65	591.47
	1100hrs	586.73	--
02-27-01		586.73	592.89
02-28-01		586.73	593.02
03-01-01		586.98	593.02
03-05-01		586.98	593.02
03-06-01	0830hrs	586.98	592.98
	1300hrs	587.11	593.02
03-07-01	0900hrs	587.81	593.47
	1400hrs	586.90	--
03-08-01		586.73	592.64
03-12-01		586.93	592.89
03-13-01		586.98	592.89
03-14-01		586.98	592.89

TABLE 2.3

WET WELL ELEVATIONS
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Date	*Time*	*East Wet Well (ft AMSL)*	*West Wet Well (ft AMSL)*
03-15-01		586.93	592.64
03-16-01		586.98	592.89
03-19-01		587.02	594.14
08-06-01		587.51	593.72
09-11-01		587.02	593.24
11-05-01		587.31	593.35
12-06-01		587.46	593.80
01-10-02		588.08	593.68
02-07-02		589.70	595.98
03-06-02		590.00	595.28
04-09-02		588.00	594.08
05-23-02		586.72	593.08
06-21-02		587.53	593.18
07-25-02		587.87	593.23
08-09-02		586.59	591.00
08-22-02		586.98	593.18
09-10-02		587.38	593.61
09-26-02		586.83	591.66
10-23-02		586.89	591.86
11-26-02		586.59	592.21
12-19-02		587.12	593.99
01-08-03		586.91	593.37
01-30-03		587.05	592.50
02-05-03		586.71	593.00
03-18-03		587.27	593.00
04-02-03		586.41	592.57
04-23-03		586.73	590.79
05-23-03		586.62	592.13
06-25-03		587.03	592.69
07-23-03		587.21	594.34
08-28-03		587.28	595.49
09-04-03		587.20	593.22
09-30-03		586.57	593.12
10-30-03		587.25	593.07
11-25-03		586.99	593.27
12-04-03		590.44	595.87
12-30-03		587.51	599.57
01-06-04		587.97	599.59
01-29-04		587.43	591.39
02-03-04		587.51	591.20
02-20-04		588.29	593.39
03-02-04		590.73	592.09
03-23-04		588.30	590.97
04-05-04		587.04	591.05
04-28-04		588.03	592.79
05-04-04		588.18	593.19
05-20-04		588.20	593.12
06-04-04		588.04	591.26
06-23-04		588.13	592.99
07-29-04		589.33	595.16
08-04-04		588.46	592.99
08-26-04		588.07	592.59
09-02-04		588.21	593.09
09-29-04		588.15	592.97
10-07-04		584.91	590.91
10-28-04		589.83	594.69
11-03-04		590.46	595.92
11-23-04		584.52	593.18
12-02-04		584.48	592.97
12-22-04		584.44	593.19
01-20-05		583.81	591.61
01-31-05		588.08	591.46
02-03-05		588.01	590.87

TABLE 2.3

WET WELL ELEVATIONS
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Date	*Time*	*East Wet Well (ft AMSL)*	*West Wet Well (ft AMSL)*
02-25-05		585.50	593.49
03-03-05		588.05	590.99
03-30-05		584.43	591.39
05-09-05		586.93	591.69
05-24-05		587.13	593.09
06-01-05		586.76	593.16
06-22-05		588.23	593.29
07-12-05		587.68	593.24
07-27-05		586.53	593.79
08-04-05		587.77	595.33
08-29-05		587.66	593.27
09-08-05		587.34	591.16
10-04-05		587.31	593.27
10-31-05		587.25	593.78
11-30-05		587.95	593.49
12-06-05		587.87	593.87
01-25-06		587.92	593.67
03-15-06		584.58	590.91
03-22-06		586.32	593.07
04-11-06		586.83	593.09
05-10-06		586.23	591.09
05-24-06		584.75	591.07
06-06-06		586.43	593.13
07-12-06		587.83	598.88
09-13-06		586.38	592.15
10-03-06		586.43	593.09
10-26-06		588.21	593.31
11-07-06		588.31	592.43
11-22-06		586.40	590.58
12-07-06		587.55	593.83
12-20-06		586.32	590.99
01-02-07		587.13	590.59
01-29-07		588.13	591.59
02-13-07		588.63	592.19
02-28-07		587.01	590.94
03-06-07		587.63	590.74
03-28-07		587.29	590.91
04-09-07		588.93	591.99
04-26-07		588.68	592.01
05-07-07		587.03	592.19
06-07-07		588.27	592.66
06-28-07		589.43	595.29
07-16-07		588.49	592.30
07-31-07		587.69	592.34
08-13-07		587.31	592.77
08-21-07		587.87	592.64
09-19-07		594.32	598.39
10-08-07		588.53	590.79
10-30-07		590.03	594.79
11-06-07		588.93	593.19
12-20-07		591.67	598.04
01-15-08		587.93	591.89
01-24-08		586.85	593.27
02-05-08		588.36	593.05
02-29-08		587.58	592.27
03-11-08		588.46	593.33
03-31-08		588.71	594.86
04-02-08		588.57	590.86
04-21-08		587.45	590.52
08-05-08		587.39	593.27
08-26-08		584.87	593.23
09-11-08		587.07	592.86
09-29-08		588.03	592.09

TABLE 2.3

WET WELL ELEVATIONS
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Date	*Time*	*East Wet Well (ft AMSL)*	*West Wet Well (ft AMSL)*
10-09-08		586.68	593.61
11-05-08		588.26	591.66
11-26-08		588.21	591.64
12-12-08		588.56	591.92
12-30-08		597.03	599.18
01-05-09		586.45	592.41
01-27-09		589.12	590.92
02-09-09		586.18	592.55
03-05-09		589.34	591.92
03-30-09		590.01	593.25
04-09-09		589.91	593.13
04-30-09		589.01	593.37
05-08-09		588.81	592.85
05-29-09		589.19	593.10
06-08-09		589.00	592.03
06-29-09		586.01	593.31
07-20-09		589.11	592.33
07-31-09		589.28	592.80
08-27-09		588.61	592.73
10-06-09		588.21	592.52
10-21-09		587.17	592.81
11-05-09		588.68	592.34
11-23-09		588.77	592.17
12-21-09		588.90	592.37
01-06-10		587.87	594.55
03-09-10		586.88	598.89
03-11-10		--	599.64
03-12-10		--	599.89
03-14-10		--	600.49
03-19-10		--	599.89
03-22-10		--	598.89
03-29-10		--	592.86
04-23-10		588.04	592.90
06-07-10		587.83	593.02
06-29-10		584.12	592.36
07-22-10		586.69	592.21
08-24-10		585.97	592.34
09-13-10		587.45	593.11
09-23-10		587.00	592.53
10-06-10		587.22	593.01
10-20-10		587.39	591.93
12-14-10		587.11	592.87
12-20-10		586.68	593.00
01-10-11		587.27	592.93
01-25-11		586.87	592.33
02-08-11		587.24	592.13
03-03-11		587.35	592.56
03-30-11		587.22	591.96
04-28-11		586.93	592.56
05-12-11		587.35	592.76
05-25-11		587.22	592.31
06-16-11		587.01	592.97
06-29-11		587.71	592.88
07-15-11		587.49	592.66
07-27-11		586.91	592.81

-- Not Measured

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-11-ACL006*	*W-12609-11-020702-ACL-007*	*W-12609-11-030602-ACL-008*	*W-12609-11-040402-ACL-009*	*W-12609-11-060602-ACL-011*	*W-12609-14-070902-ACL-012*
sampledate		*1/10/2002*	*2/7/2002*	*3/6/2002*	*4/4/2002*	*6/6/2002*	*7/9/2002*
sampletype							
	Units						
Dioxins							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	1.8 U	3.3 U	1.6 U	1.2 U	3.8 U	0.56 U
Metals							
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	**0.16**	**0.24**	0.050 U	**0.17**	**0.054 J**	**0.24**
Pesticides							
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-11-ACL006*	*W-12609-11-020702-ACL-007*	*W-12609-11-030602-ACL-008*	*W-12609-11-040402-ACL-009*	*W-12609-11-060602-ACL-011*	*W-12609-14-070902-ACL-012*
sampledate		*1/10/2002*	*2/7/2002*	*3/6/2002*	*4/4/2002*	*6/6/2002*	*7/9/2002*
sampletype							
	Units						
2,4-Dinitrotoluene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U / 0.1 U	0.1 U	0.1 U	0.1 U / 0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-11-ACL006*	*W-12609-11-020702-ACL-007*	*W-12609-11-030602-ACL-008*	*W-12609-11-040402-ACL-009*	*W-12609-11-060602-ACL-011*	*W-12609-14-070902-ACL-012*
sampledate		*1/10/2002*	*2/7/2002*	*3/6/2002*	*4/4/2002*	*6/6/2002*	*7/9/2002*
sampletype							
	Units						
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0 U	0 U	0 U	0 U	0 U	0 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry							
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**7.9**	**7.5**	**8.1**	**7.6**	**7.5**	**7.9**
pH, lab	none	--	--	--	--	--	--
Total suspended solids (TSS)	mg/L	4.0 U	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-14-080802-ACL-013*	*W-12609-14-091002-ACL-014*	*W-12609-14-100102-ACL-015*	*W-12609-14-110602-DEN-016*	*W-12609-14-120502-ACL-017*
sampledate		*8/8/2002*	*9/10/2002*	*10/1/2002*	*11/6/2002*	*12/5/2002*
sampletype						
	Units					
Dioxins						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	8.5 U	3.9 U	4.0 U	0.46 U	1.7 U
Metals						
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--
Copper	mg/L	**0.34**	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	**0.047**	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	**0.16**	--	**0.25**	0.050 U	0.050 U
Pesticides						
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-14-080802-ACL-013*	*W-12609-14-091002-ACL-014*	*W-12609-14-100102-ACL-015*	*W-12609-14-110602-DEN-016*	*W-12609-14-120502-ACL-017*
sampledate		*8/8/2002*	*9/10/2002*	*10/1/2002*	*11/6/2002*	*12/5/2002*
sampletype						
	Units					
2,4-Dinitrotoluene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U / 0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-14-080802-ACL-013*	*W-12609-14-091002-ACL-014*	*W-12609-14-100102-ACL-015*	*W-12609-14-110602-DEN-016*	*W-12609-14-120502-ACL-017*
sampledate		*8/8/2002*	*9/10/2002*	*10/1/2002*	*11/6/2002*	*12/5/2002*
sampletype						
	Units					
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0 U	0 U	0 U	0 U	0 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry						
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**7.6**	**7.2**	**7.1**	**8.0**	**7.8**
pH, lab	none	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-14-010803-ACL-018*	*W-12609-14-020403-ACL-019*	*W-12609-15-030303-ACL-020*	*W-12609-15-040203-ACL-021*	*W-12609-15-050803-DEN-022*
sampledate		*1/8/2003*	*2/4/2003*	*3/3/2003*	*4/2/2003*	*5/8/2003*
sampletype						
	Units					
Dioxins						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	2.5 U	7.0 U	1.2 U	0.98 U	3.5 U
Metals						
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	**0.019**	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	**0.0074**	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	0.050 U	**0.051**	0.050 U	0.050 U	**0.051**
Pesticides						
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-14-010803-ACL-018*	*W-12609-14-020403-ACL-019*	*W-12609-15-030303-ACL-020*	*W-12609-15-040203-ACL-021*	*W-12609-15-050803-DEN-022*
sampledate		*1/8/2003*	*2/4/2003*	*3/3/2003*	*4/2/2003*	*5/8/2003*
sampletype						
	Units					
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-14-010803-ACL-018*	*W-12609-14-020403-ACL-019*	*W-12609-15-030303-ACL-020*	*W-12609-15-040203-ACL-021*	*W-12609-15-050803-DEN-022*
sampledate		*1/8/2003*	*2/4/2003*	*3/3/2003*	*4/2/2003*	*5/8/2003*
sampletype						
	Units					
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0 U	0 U	0 U	0 U	0 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry						
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**7.8**	**7.9**	**7.9**	**7.7**	**7.8**
pH, lab	none	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-060503-ACL-023*	*W-12609-15-070803-ACL-024*	*W-12609-15-080403-ACL-025*	*W-12609-15-090503-ACL-026*	*W-12609-15-100603-DEN-027*
sampledate		*6/5/2003*	*7/8/2003*	*8/4/2003*	*9/5/2003*	*10/6/2003*
sampletype						
	Units					
Dioxins						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	4.2 U	0.36 U	5.0 U	7.0 U	1.4 U
Metals						
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	--	--
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	0.02 U	0.02 U
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	**0.058**	**0.11**	0.050 U	**0.082**	**0.081**
Pesticides						
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-060503-ACL-023*	*W-12609-15-070803-ACL-024*	*W-12609-15-080403-ACL-025*	*W-12609-15-090503-ACL-026*	*W-12609-15-100603-DEN-027*
sampledate		*6/5/2003*	*7/8/2003*	*8/4/2003*	*9/5/2003*	*10/6/2003*
sampletype						
	Units					
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-060503-ACL-023*	*W-12609-15-070803-ACL-024*	*W-12609-15-080403-ACL-025*	*W-12609-15-090503-ACL-026*	*W-12609-15-100603-DEN-027*
sampledate		*6/5/2003*	*7/8/2003*	*8/4/2003*	*9/5/2003*	*10/6/2003*
sampletype						
	Units					
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0 U	0 U	0 U	0 U	0 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry						
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**8.0**	**8.1**	**7.8**	**7.9**	**7.7**
pH, lab	none	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-110503-ACL-028*	*W-12609-15-120403-ACL-029*	*W-12609-15-010604-ACL-030*	*W-12609-15-020604-ACL-031*	*W-12609-15-030204-ACL-032*
sampledate		*11/5/2003*	*12/4/2003*	*1/6/2004*	*2/6/2004*	*3/2/2004*
sampletype						
	Units					
Dioxins						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	4.6 U	2.9 U	1.5 U	1.2 U	1.8 U
Metals						
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	--	--	--	--	--
Chromium VI (hexavalent) (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Copper	mg/L	0.025 U	0.025 U	**0.15**	0.025 U	0.025 U
Lead	mg/L	0.0030 U	**0.0037**	**0.013**	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	0.050 U	**0.39**	**0.28**	**0.15**	**0.20**
Pesticides						
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-110503-ACL-028*	*W-12609-15-120403-ACL-029*	*W-12609-15-010604-ACL-030*	*W-12609-15-020604-ACL-031*	*W-12609-15-030204-ACL-032*
sampledate		*11/5/2003*	*12/4/2003*	*1/6/2004*	*2/6/2004*	*3/2/2004*
sampletype						
	Units					
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-110503-ACL-028*	*W-12609-15-120403-ACL-029*	*W-12609-15-010604-ACL-030*	*W-12609-15-020604-ACL-031*	*W-12609-15-030204-ACL-032*
sampledate		*11/5/2003*	*12/4/2003*	*1/6/2004*	*2/6/2004*	*3/2/2004*
sampletype						
	Units					
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0 U	0 U	0 U	0 U	0.02 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry						
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**6.8**	**6.9**	**7.0**	**8.2**	**6.8**
pH, lab	none	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-040504-ACL-033*	*W-12609-15-050404-ACL-034*	*W-12609-15-060404-ACL-035*	*W-12609-070904-DEN-036*	*W-12609-15-080404-ACL-037*	*W-12609-15-090204-ACL-038*
sampledate		*4/5/2004*	*5/4/2004*	*6/4/2004*	*7/9/2004*	*8/4/2004*	*9/2/2004*
sampletype							
	Units						
Dioxins							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	2.3 U	1.0 U	3.0 U	0.92 U	1.6 U	1.4 U
Metals							
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	--	--	--	--	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	0.050 U	0.050 U	**0.061**	0.050 U	**0.067 J**	0.050 U
Pesticides							
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U / 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U / 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U / 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U / 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U / 0.001 U	0.001 U	0.001 U	0.001 U	**0.0011**	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U / 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U / 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-040504-ACL-033*	*W-12609-15-050404-ACL-034*	*W-12609-15-060404-ACL-035*	*W-12609-070904-DEN-036*	*W-12609-15-080404-ACL-037*	*W-12609-15-090204-ACL-038*
sampledate		*4/5/2004*	*5/4/2004*	*6/4/2004*	*7/9/2004*	*8/4/2004*	*9/2/2004*
sampletype							
	Units						
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U / 0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-040504-ACL-033*	*W-12609-15-050404-ACL-034*	*W-12609-15-060404-ACL-035*	*W-12609-070904-DEN-036*	*W-12609-15-080404-ACL-037*	*W-12609-15-090204-ACL-038*
sampledate		*4/5/2004*	*5/4/2004*	*6/4/2004*	*7/9/2004*	*8/4/2004*	*9/2/2004*
sampletype							
	Units						
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0.02 U	0.02 U	0.02 U	0 U	0.02 U	0 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry							
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**7.1**	**7.2**	**6.9**	**6.8**	**6.7**	**6.8**
pH, lab	none	--	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*S-12609-15-100704-ACL-039*	*W-12609-15-110304-ACL-040*	*W-12609-15-120204-ACL-041*	*W-12609-15-012005-ACL-042*	*W-12609-15-020305-ACL-043*	*W-12609-15-030305-ACL-044*
sampledate		*10/7/2004*	*11/3/2004*	*12/2/2004*	*1/20/2005*	*2/3/2005*	*3/3/2005*
sampletype							
	Units						
Dioxins							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	1.1 U	2.9 U	6.2 U	2.9 U	2.6 U	5.7 U
Metals							
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	0.050 U	**0.23**	0.050 U	0.050 U	0.050 U	0.050 U
Pesticides							
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*S-12609-15-100704-ACL-039*	*W-12609-15-110304-ACL-040*	*W-12609-15-120204-ACL-041*	*W-12609-15-012005-ACL-042*	*W-12609-15-020305-ACL-043*	*W-12609-15-030305-ACL-044*
sampledate		*10/7/2004*	*11/3/2004*	*12/2/2004*	*1/20/2005*	*2/3/2005*	*3/3/2005*
sampletype							
	Units						
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*S-12609-15-100704-ACL-039*	*W-12609-15-110304-ACL-040*	*W-12609-15-120204-ACL-041*	*W-12609-15-012005-ACL-042*	*W-12609-15-020305-ACL-043*	*W-12609-15-030305-ACL-044*
sampledate		*10/7/2004*	*11/3/2004*	*12/2/2004*	*1/20/2005*	*2/3/2005*	*3/3/2005*
sampletype							
	Units						
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0.02 U	0.02 U	0.02 U	0 U	0 U	0.02 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry							
Cyanide (total)	mg/L	0.010 U	**0.013**	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	**99.8**	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**7.0**	**6.9**	**7.0**	**7.1**	**7.1**	**7.4**
pH, lab	none	--	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-040605-ACL-045*	*WG-12609-050905-DEN-46*	*W-12609-15-060105-ACL-047*	*WG-12609-071205-DEN-048*	*W-12609-15-080405-ACL-049*	*W-12609-15-090805-ACL-050*
sampledate		*4/6/2005*	*5/9/2005*	*6/1/2005*	*7/12/2005*	*8/4/2005*	*9/8/2005*
sampletype							
	Units						
Dioxins							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	3.5 U	3.9 U	5.2 U	5.2 U	5.8 U	1.1 U
Metals							
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	0.050 U	0.050 U	0.050 U	**0.23**	**0.11**	0.050 U
Pesticides							
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	**0.0001**	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-040605-ACL-045*	*WG-12609-050905-DEN-46*	*W-12609-15-060105-ACL-047*	*WG-12609-071205-DEN-048*	*W-12609-15-080405-ACL-049*	*W-12609-15-090805-ACL-050*
sampledate		*4/6/2005*	*5/9/2005*	*6/1/2005*	*7/12/2005*	*8/4/2005*	*9/8/2005*
sampletype							
	Units						
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-040605-ACL-045*	*WG-12609-050905-DEN-46*	*W-12609-15-060105-ACL-047*	*WG-12609-071205-DEN-048*	*W-12609-15-080405-ACL-049*	*W-12609-15-090805-ACL-050*
sampledate		*4/6/2005*	*5/9/2005*	*6/1/2005*	*7/12/2005*	*8/4/2005*	*9/8/2005*
sampletype							
	Units						
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0.02 U	0 U	0 U	0 U	0 U	0 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry							
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**7.1**	**6.9**	**7.0**	**6.9**	**6.9**	**6.9**
pH, lab	none	--	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-100405-ACL-051*	*W-12609-15-110405-DEN-052*	*W-12609-15-120605-ACL-053*	*W-12609-15-012506-ACL-054*	*WG-12609-15-021406-DN-055*
sampledate		*10/4/2005*	*11/4/2005*	*12/6/2005*	*1/25/2006*	*2/14/2006*
sampletype						
	Units					
Dioxins						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	4.6 U	0.98 U	1.9 U	1.3 U	2.3 U
Metals						
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	0.050 U	**0.15**	0.050 U	0.050 U	0.050 U
Pesticides						
4,4'-DDD	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0025 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.01 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-100405-ACL-051*	*W-12609-15-110405-DEN-052*	*W-12609-15-120605-ACL-053*	*W-12609-15-012506-ACL-054*	*WG-12609-15-021406-DN-055*
sampledate		*10/4/2005*	*11/4/2005*	*12/6/2005*	*1/25/2006*	*2/14/2006*
sampletype						
	Units					
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-100405-ACL-051*	*W-12609-15-110405-DEN-052*	*W-12609-15-120605-ACL-053*	*W-12609-15-012506-ACL-054*	*WG-12609-15-021406-DN-055*
sampledate		*10/4/2005*	*11/4/2005*	*12/6/2005*	*1/25/2006*	*2/14/2006*
sampletype						
	Units					
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0 U	0 U	0 U	0 U	0 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry						
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**6.9**	**7.0**	**7.3**	**7.1**	**7.0**
pH, lab	none	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-031506-ACL-056*	*WG-12609-041106-DN-057*	*WG-12609-051006-DN-058*	*WG-12609-061306-DN-59*	*W-12609-120706-ACL-060*	*W-12609-062807-ACL-061*
sampledate		*3/15/2006*	*4/11/2006*	*5/10/2006*	*6/13/2006*	*12/7/2006*	*6/28/2007*
sampletype							
	Units						
Dioxins							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	1.8 U	3.7 U	1.5 U	3.8 U	6.1 U	7.4 U
Metals							
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**0.17**
Pesticides							
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.2 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-031506-ACL-056*	*WG-12609-041106-DN-057*	*WG-12609-051006-DN-058*	*WG-12609-061306-DN-59*	*W-12609-120706-ACL-060*	*W-12609-062807-ACL-061*
sampledate		*3/15/2006*	*4/11/2006*	*5/10/2006*	*6/13/2006*	*12/7/2006*	*6/28/2007*
sampletype							
	Units						
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.2 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U / 0.05 U	0.05 U	0.2 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U	0.1 U / 0.1 U	0.1 U	0.4 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U	**0.033** / 0.01 U	0.01 U	0.04 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U / 0.01 U	0.01 U	0.04 U
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*W-12609-15-031506-ACL-056*	*WG-12609-041106-DN-057*	*WG-12609-051006-DN-058*	*WG-12609-061306-DN-59*	*W-12609-120706-ACL-060*	*W-12609-062807-ACL-061*
sampledate		*3/15/2006*	*4/11/2006*	*5/10/2006*	*6/13/2006*	*12/7/2006*	*6/28/2007*
sampletype							
	Units						
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0 U	0 U	0 U	0 U	0 U	0.01 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry							
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**7.1**	**7.1**	**7.0**	**6.8**	--	**6.8**
pH, lab	none	--	--	--	--	**7.1**	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*WL-12609-122107-ACL-062*	*WG-12609-070208-DN-063*	*WL-12609-121208-ACL-064*	*WL-12609-060809-ACL-065*	*WL-12609-122209-ACL-066*	*WL-12609-062910-ACL-067*
sampledate		*12/21/2007*	*7/2/2008*	*12/12/2008*	*6/8/2009*	*12/22/2009*	*6/29/2010*
sampletype							
	Units						
Dioxins							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	3.2 U	7.6 U	3.4 U	3.6 U	0.35 U	6.2 U
Metals							
Arsenic	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	**0.00070 B**	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	**0.0046 B**	**0.013 B J**
Lead	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U	0.040 U	**0.0069 B**	**0.0047 B**
Silver	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	**0.60**	0.050 U	0.050 U	0.050 U	**0.011 B J**	**0.035 B J**
Pesticides							
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*WL-12609-122107-ACL-062*	*WG-12609-070208-DN-063*	*WL-12609-121208-ACL-064*	*WL-12609-060809-ACL-065*	*WL-12609-122209-ACL-066*	*WL-12609-062910-ACL-067*
sampledate		*12/21/2007*	*7/2/2008*	*12/12/2008*	*6/8/2009*	*12/22/2009*	*6/29/2010*
sampletype							
	Units						
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	**0.0003 J**	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*	*Meter Pit*
sample_name		*WL-12609-122107-ACL-062*	*WG-12609-070208-DN-063*	*WL-12609-121208-ACL-064*	*WL-12609-060809-ACL-065*	*WL-12609-122209-ACL-066*	*WL-12609-062910-ACL-067*
sampledate		*12/21/2007*	*7/2/2008*	*12/12/2008*	*6/8/2009*	*12/22/2009*	*6/29/2010*
sampletype							
	Units						
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	**0.0036 J B**	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	**0.00042 J**
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.0003 J**
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
General Chemistry							
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	**5.8**	5.0 U	5.0 U	5.0 U	**1.8 B**	**0.96 B**
pH (water)	s.u.	**7.0**	**7.0**	**7.2**	**7.0**	**7.6**	**6.8**
pH, lab	none	--	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Wet Well East*	*Wet Well East*	*Wet Well East*
sample_name		*WL-12609-122010-ACL-068*	*WL-12609-062811-ACL-069*	*WL-12609-010312-ACL-070*	*WL-12609-122205-ACL-001*	*WL-12609-033106-ACL-003*	*WG-12609-030607-DN-01*
sampledate		*12/20/2010*	*6/28/2011*	*1/3/2012*	*12/22/2005*	*3/31/2006*	*3/6/2007*
sampletype							
	Units						
Dioxins							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	0.34 U	--	--	7.7 U	2.7 U	8.2 U
Metals							
Arsenic	mg/L	0.010 U	0.01 U	**0.004 J**	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.002 U	0.002 U	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.020 U	0.020 U	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--	--	--	--
Copper	mg/L	0.025 U	**0.0064 J**	**0.0049 J**	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	0.003 U	0.003 U	0.0030 U	0.0030 U	0.0030 U
Mercury	mg/L	0.00020 U	0.0002 U	0.0002 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	**0.0067 B**	**0.0063 J**	0.04 U	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.005 U	0.005 U	0.010 U	0.010 U	0.010 U
Zinc	mg/L	**0.16 J**	**0.028 J**	**0.015 JB**	0.050 U	**0.053**	0.050 U
Pesticides							
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	--	0.01 U	--	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	--	0.0096 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	--	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	--	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.01 U	0.01 U	0.048 U	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Wet Well East*	*Wet Well East*	*Wet Well East*
sample_name		*WL-12609-122010-ACL-068*	*WL-12609-062811-ACL-069*	*WL-12609-010312-ACL-070*	*WL-12609-122205-ACL-001*	*WL-12609-033106-ACL-003*	*WG-12609-030607-DN-01*
sampledate		*12/20/2010*	*6/28/2011*	*1/3/2012*	*12/22/2005*	*3/31/2006*	*3/6/2007*
sampletype							
	Units						
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.05 U	0.051 U	0.0096 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.01 U	0.01 U	0.048 U	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.05 U	0.051 U	0.0096 U	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.01 U	0.01 U	0.048 U	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.05 U	0.051 U	0.0096 U	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.01 U	0.01 U	--	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.096 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	**0.0015 J B**	**0.0031 J**	**0.00079 J**	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	**0.00012 J**	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.0096 U	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	--	--	0.0096 U	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Meter Pit*	*Meter Pit*	*Meter Pit*	*Wet Well East*	*Wet Well East*	*Wet Well East*
sample_name		*WL-12609-122010-ACL-068*	*WL-12609-062811-ACL-069*	*WL-12609-010312-ACL-070*	*WL-12609-122205-ACL-001*	*WL-12609-033106-ACL-003*	*WG-12609-030607-DN-01*
sampledate		*12/20/2010*	*6/28/2011*	*1/3/2012*	*12/22/2005*	*3/31/2006*	*3/6/2007*
sampletype							
	Units						
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	--	0.0096 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	--	0.0096 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	--	0.0096 U	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0.01 U	--	--	0 U	U	U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	--	--	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	**0.002 J**	0.01 U	**0.002 J**	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	--	--	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	**0.00098 J**	**0.00065 J**	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	--	--	0.005 U	0.005 U	0.005 U
General Chemistry							
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	--	--	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	--	--	--	**6.9**	**6.9**	**7.1**
pH, lab	none	--	--	--	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Wet Well West*	*Wet Well West*	*Wet Well West*
sample_name		*WL-12609-122205-ACL-002*	*WL-12609-033106-ACL-004*	*WG-12609-030607-DN-02*
sampledate		*12/22/2005*	*3/31/2006*	*3/6/2007*
sampletype				
	Units			
Dioxins				
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/l	9.6 U	3.2 U	6.1 U
Metals				
Arsenic	mg/L	0.010 U	0.010 U	0.010 U
Cadmium	mg/L	0.0050 U	0.0050 U	0.0050 U
Chromium VI (hexavalent)	mg/L	0.02 U	0.02 U	0.02 U
Chromium VI (hexavalent) (dissolved)	mg/L	--	--	--
Copper	mg/L	0.025 U	0.025 U	0.025 U
Lead	mg/L	0.0030 U	**0.0032**	0.0030 U
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.040 U	0.040 U	0.040 U
Silver	mg/L	0.010 U	0.010 U	0.010 U
Zinc	mg/L	0.050 U	**0.11 E**	0.050 U
Pesticides				
4,4'-DDD	mg/L	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	mg/L	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	mg/L	0.00005 U	0.00005 U	0.00005 U
Aldrin	mg/L	0.00005 U	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U
Aroclor-1016 (PCB-1016)	mg/L	0.001 U	0.001 U	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	0.001 U	0.001 U	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	0.001 U	0.001 U	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	0.001 U	0.001 U	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	0.001 U	0.001 U	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	0.001 U	0.001 U	0.001 U
Aroclor-1260 (PCB-1260)	mg/L	0.001 U	0.001 U	0.001 U
beta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U
Chlordane	mg/L	0.0005 U	0.0005 U	0.0005 U
delta-BHC	mg/L	0.00005 U	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	mg/L	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	mg/L	0.00005 U	0.00005 U	0.00005 U
Endrin	mg/L	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	mg/L	0.00005 U	0.00005 U	0.00005 U
gamma-BHC (lindane)	mg/L	0.00005 U	0.00005 U	0.00005 U
Heptachlor	mg/L	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.00005 U	0.00005 U	0.00005 U
Toxaphene	mg/L	0.002 U	0.002 U	0.002 U
Semi-Volatile Organic Compounds				
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.01 U	0.01 U
1,2-Diphenylhydrazine	mg/L	0.01 U	0.01 U	0.01 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	mg/L	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	mg/L	0.05 U	0.05 U	0.05 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Wet Well West*	*Wet Well West*	*Wet Well West*
sample_name		*WL-12609-122205-ACL-002*	*WL-12609-033106-ACL-004*	*WG-12609-030607-DN-02*
sampledate		*12/22/2005*	*3/31/2006*	*3/6/2007*
sampletype				
	Units			
2,4-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	mg/L	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	mg/L	0.01 U	0.01 U	0.01 U
2-Chlorophenol	mg/L	0.01 U	0.01 U	0.01 U
2-Nitrophenol	mg/L	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	mg/L	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.05 U	0.05 U
4-Bromophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	mg/L	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.01 U	0.01 U	0.01 U
4-Nitrophenol	mg/L	0.05 U	0.05 U	0.05 U
Acenaphthene	mg/L	0.01 U	0.01 U	0.01 U
Acenaphthylene	mg/L	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.01 U	0.01 U	0.01 U
Benzidine	mg/L	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	mg/L	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	mg/L	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U
Benzo(g,h,i)perylene	mg/L	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	mg/L	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.01 U	0.01 U	0.01 U
bis(2-Chloroethyl)ether	mg/L	0.01 U	0.01 U	0.01 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.01 U	0.01 U	0.01 U
Butyl benzylphthalate (BBP)	mg/L	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	mg/L	0.01 U	0.01 U	0.01 U
Diethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	mg/L	0.01 U	0.01 U	0.01 U
Di-n-butylphthalate (DBP)	mg/L	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate (DnOP)	mg/L	0.01 U	0.01 U	0.01 U
Fluoranthene	mg/L	0.01 U	0.01 U	0.01 U
Fluorene	mg/L	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	mg/L	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	mg/L	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	mg/L	0.01 U	0.01 U	0.01 U
Hexachloroethane	mg/L	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	mg/L	0.01 U	0.01 U	0.01 U
Isophorone	mg/L	0.01 U	0.01 U	0.01 U
Naphthalene	mg/L	0.01 U	0.01 U	0.01 U
Nitrobenzene	mg/L	0.01 U	0.01 U	0.01 U
N-Nitrosodimethylamine	mg/L	0.01 U	0.01 U	0.01 U
N-Nitrosodi-n-propylamine	mg/L	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	mg/L	0.01 U	0.01 U	0.01 U
Pentachlorophenol	mg/L	0.01 U	0.01 U	0.01 U
Phenanthrene	mg/L	0.01 U	0.01 U	0.01 U
Phenol	mg/L	0.01 U	0.01 U	0.01 U
Pyrene	mg/L	0.01 U	0.01 U	0.01 U
Volatile Organic Compounds				
1,1,1-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U

TABLE 2.4

HISTORICAL LEACHATE ANALYTICAL DATA
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

loc_name		*Wet Well West*	*Wet Well West*	*Wet Well West*
sample_name		*WL-12609-122205-ACL-002*	*WL-12609-033106-ACL-004*	*WG-12609-030607-DN-02*
sampledate		*12/22/2005*	*3/31/2006*	*3/6/2007*
sampletype				
	Units			
1,1-Dichloroethene	mg/L	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	mg/L	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	mg/L	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U
2-Chloroethyl vinyl ether	mg/L	0 U	U	U
Acrolein	mg/L	0.1 U	0.1 U	0.1 U
Acrylonitrile	mg/L	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.005 U	0.005 U	0.005 U
Bromodichloromethane	mg/L	0.005 U	0.005 U	0.005 U
Bromoform	mg/L	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.005 U	0.005 U	0.005 U
Chlorobenzene	mg/L	0.005 U	0.005 U	0.005 U
Chloroethane	mg/L	0.01 U	0.01 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.005 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U
Dibromochloromethane	mg/L	0.005 U	0.005 U	0.005 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U
Ethylbenzene	mg/L	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.01 U	0.01 U	0.01 U
Tetrachloroethene	mg/L	0.005 U	0.005 U	0.005 U
Toluene	mg/L	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.005 U	0.005 U	0.005 U
Trichloroethene	mg/L	0.005 U	0.005 U	0.005 U
Vinyl chloride	mg/L	0.01 U	0.01 U	0.01 U
Xylenes (total)	mg/L	0.005 U	0.005 U	0.005 U
General Chemistry				
Cyanide (total)	mg/L	0.010 U	0.010 U	0.010 U
N-Hexane extractable material	mg/L	5.0 U	5.0 U	5.0 U
pH (water)	s.u.	**7.1**	**7.1**	**7.4**
pH, lab	none	--	--	--
Total suspended solids (TSS)	mg/L	--	--	--

Notes:
U - Not present at or above the associated value.

Inoganics:
J - Laboratory qualifier: Method blank contamination. The associated method
B - Laboratory qualified as an estimated value.

TABLE 3.1

ANALYTICAL PARAMETERS
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Total Metals	*General Chemistry*	*Volatile Organic Compounds*		*Semi-Volatile Organic Compounds*		*PCBs*
Aluminum	Alkalinity, Total (as CaCO3)	1,1,1,2-Tetrachloroethane	Bromodichloromethane	1,2,4-Trichlorobenzene	Benzo(a)anthracene	Aroclor-1016 (PCB-1016)
Antimony	Ammonia	1,1,1-Trichloroethane	Bromoform	1,2-Dichlorobenzene	Benzo(a)pyrene	Aroclor-1221 (PCB-1221)
Arsenic	Biochemical Oxygen Demand (BOD)	1,1,2,2-Tetrachloroethane	Bromomethane (Methyl Bromide)	1,2-Diphenylhydrazine	Benzo(b)fluoranthene	Aroclor-1232 (PCB-1232)
Barium	Chemical Oxygen Demand (COD)	1,1,2-Trichloroethane	Carbon disulfide	1,3-Dichlorobenzene	Benzo(g,h,i)perylene	Aroclor-1242 (PCB-1242)
Beryllium	Chloride	1,1-Dichloroethane	Carbon tetrachloride	1,4-Dichlorobenzene	Benzo(k)fluoranthene	Aroclor-1248 (PCB-1248)
Cadmium	Cyanide (total)	1,1-Dichloroethene	Chlorobenzene	1-Methylnaphthalene	bis(2-Chloroethoxy)methane	Aroclor-1254 (PCB-1254)
Calcium	Dissolved Organic Carbon (DOC)	1,1-Dichloropropene	Chlorobromomethane	2,2'-oxybis(2-Chloropropane)	bis(2-Chloroethyl)ether	Aroclor-1260 (PCB-1260)
Chromium	Fluoride	1,2,3-Trichlorobenzene	Chloroethane	2,3-Dichlorophenol	bis(2-Ethylhexyl)phthalate	
Cobalt	Hardness	1,2,3-Trichloropropane	Chloroform (Trichloromethane)	2,4,5-Trichlorophenol	Butyl benzylphthalate	
Copper	Nitrate (as N)	1,2,4-Trichlorobenzene	Chloromethane (Methyl Chloride)	2,4,6-Trichlorophenol	Carbazole	
Iron	Nitrite (as N)	1,2,4-Trimethylbenzene	cis-1,2-Dichloroethene	2,4-Dichlorophenol	Chlordane	
Lead	Oil and Grease	1,2-Dibromo-3-chloropropane (DBCP)	cis-1,3-Dichloropropene	2,4-Dimethylphenol	Chrysene	***Total Petroleum Hydrocarbons***
Magnesium	Orthophosphate	1,2-Dibromoethane (Ethylene Dibromide)	Cymene (p-Isopropyltoluene)	2,4-Dinitrophenol	Dibenz(a,h)anthracene	
Manganese	pH (water)	1,2-Dichlorobenzene	Dibromochloromethane	2,4-Dinitrotoluene	Dibenzofuran	Volatile Petroleum Hydrocarbons
Mercury	Phenolics (Total)	1,2-Dichloroethane	Dibromomethane	2,6-Dinitrotoluene	Diethyl phthalate	Extractable Petroleum Hydrocarbons
Nickel	Phosphorus	1,2-Dichloroethene (total)	Dichlorodifluoromethane (CFC-12)	2-Chloronaphthalene	Dimethyl phthalate	
Potassium	Sulfate	1,2-Dichloropropane	Ethylbenzene	2-Chlorophenol	Di-n-butylphthalate	
Selenium	Sulfide	1,3,5-Trimethylbenzene	Hexachlorobutadiene	2-Methylnaphthalene	Di-n-octyl phthalate	
Silver	Sulfite	1,3-Dichlorobenzene	Isopropylbenzene	2-Methylphenol	Fluoranthene	
Sodium	Total Dissolved Solids (TDS)	1,3-Dichloropropane	Methylene chloride	2-Nitroaniline	Fluorene	
Thallium	Total Kjeldahl Nitrogen (TKN)	1,4-Dichlorobenzene	Naphthalene	2-Nitrophenol	Hexachlorobenzene	
Vanadium	Total Organic Carbon (TOC)	2,2-Dichloropropane	n-Butylbenzene	3&4-Methylphenol	Hexachlorobutadiene	
Zinc	Total Suspended Solids (TSS)	2,4-Dichlorophenol	n-Propylbenzene	3,3'-Dichlorobenzidine	Hexachlorocyclopentadiene	
		2-Butanone (Methyl Ethyl Ketone)	Styrene	3-Nitroaniline	Hexachloroethane	
		2-Chloroethyl vinyl ether	tert-Butylbenzene	4,6-Dinitro-2-methylphenol	Indeno(1,2,3-cd)pyrene	
		2-Chlorotoluene	Tetrachloroethene	4-Bromophenyl phenyl ether	Isophorone	
		2-Hexanone	Toluene	4-Chloro-3-methylphenol	Naphthalene	
		2-Phenylbutane (sec-Butylbenzene)	trans-1,2-Dichloroethene	4-Chloroaniline	Nitrobenzene	
		4-Chlorotoluene	trans-1,3-Dichloropropene	4-Chlorophenyl phenyl ether	N-Nitrosodimethylamine	
		4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Trichloroethene	4-Methylphenol	N-Nitrosodi-n-propylamine	
		Acetone	Trichlorofluoromethane (CFC-11)	4-Nitroaniline	N-Nitrosodiphenylamine	
		Acrolein	Vinyl acetate	4-Nitrophenol	Pentachlorophenol	
		Acrylonitrile	Vinyl chloride	Acenaphthene	Phenanthrene	
		Benzene	Xylene (total)	Acenaphthylene	Phenol	
		Bromobenzene		Anthracene	Pyrene	
				Benzidine		

TABLE 3.2

GROUNDWATER SAMPLING SCHEDULE
RACER SITE 1099, TOLEDO 103C LANDFILL
TOLEDO, OHIO

Baseline	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6
Dissolved Metals	Dissolved Metals	Dissolved Metals	Dissolved Metals	Dissolved Metals	Dissolved Metals	Dissolved Metals
General Chemistry	PCBs	General Chemistry	PCBs	General Chemistry	PCBs	General Chemistry
VOC		VOC		VOC		VOC
SVOC		SVOC		SVOC		SVOC
PCB		PCB		PCB		PCB
Volatile Petroleum Hydrocarbons		Volatile Petroleum Hydrocarbons		Volatile Petroleum Hydrocarbons		Volatile Petroleum Hydrocarbons
Extractable Petroleum Hydrocarbons		Extractable Petroleum Hydrocarbons		Extractable Petroleum Hydrocarbons		Extractable Petroleum Hydrocarbons

Notes:
1 - see Table 3.1 for full list of General Chemistry parameters