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ENVIRONMENTAL RESTORATION PROGRAM

OPERABLE UNIT 6, DECONTAMINATION AND DECOMMISSIONING PROPOSED AREA 14 FUEL OIL STORAGE SYSTEM VERIFICATION REPORT

MOUND PLANT
MIAMISBURG, OHIO

October 1992

DEPARTMENT OF ENERGY
ALBUQUERQUE FIELD OFFICE

ENVIRONMENTAL RESTORATION PROGRAM
TECHNICAL SUPPORT OFFICE
LOS ALAMOS NATIONAL LABORATORY

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ACRONYMS

AA	atomic absorption
AEA	Atomic Energy Act
ANL	Argonne National Laboratory
ARAR	applicable or relevant and appropriate requirements
ASTM	American Society for Testing Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CLP	(EPA) Contract Laboratory Program
D&D	Decontamination and Decommissioning
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
ER	Environmental Restoration (Program)
FFA	Federal Facility Agreement
FIDLER	field instrument for the detection of low-energy radiation
GC	gas chromatograph
ICP	inductively coupled plasma
MS	mass spectrometry
NPL	National Priority List
OEPA	Ohio Environmental Protection Agency
ORAU	Oak Ridge Associated Universities
PCB	polychlorinated biphenyl
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	remedial investigation/feasibility study
ROD	Record of Decision
SAP	Sampling and Analysis Plan
SM/PP	Special Metallurgical/Plutonium Processing
SOP	Standard Operating Procedure
SOW	Statement of Work
TAL	Target Analyte List
TCL	Target Compound List
USATHAMA	U.S. Army Toxic and Hazardous Materials Agency
VOC	volatile organic compound
WD	Waste Disposal (Building)
WTS	Waste Transfer System
XRF	X-ray fluorescence

ACKNOWLEDGMENTS

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EXECUTIVE SUMMARY

This report documents the verification analysis of the part of Area 14 at Mound Plant in Miamisburg, Ohio, that was previously proposed as a fuel tank location site. The scope of work for the original work reported herein is for chemical analysis, but includes previous verification analysis for radionuclides and conclusions drawn for the area sampled.

Mound Plant is operated by EG&G Mound Applied Technologies for the U.S. Department of Energy (DOE). Since its establishment in 1948, the facility has been used for a wide variety of chemical and metallurgical processing and research. As a result of historic disposal practices and contaminant releases to the environment, Mound Plant was placed on the National Priority List in November 1989. A Federal Facility Agreement was finalized in August 1990, with the U.S. Environmental Protection Agency (EPA) and the DOE as parties to the agreement and the DOE as the lead agency.

Area 14 is a site of radioactively contaminated liquid waste leaks and spills located on the south slope of the Main Hill. The contaminating liquids were primarily plutonium-238 solutions in nitric acid and, to a lesser extent, plutonium-238 solutions in sodium hydroxides. The area was cleaned up at various times between 1969 and 1991.

Area 14 was previously sampled as part of a Mound Plant Decontamination and Decommissioning Reconnaissance Sampling Study in 1989 (DOE 1992b). The area was sampled for radionuclides on several occasions for EG&G and Argonne studies.

When the portion of Area 14 proposed for a fuel storage area was identified, a 3 element by 5 element grid was established to cover the area. The grid edge length was 10 meters. Soil samples were collected from the grid nodes at depths of 1.5 to 2.0 ft. Laboratory analysis was for volatiles, semivolatiles, polychlorinated biphenyls (PCBs), pesticides, and inorganics including metals, sulfate, cyanide, nitrate, nitrite, and chloride. The laboratory analysis followed EPA Contract Laboratory Program protocols with full data packages when these methods were available. The resulting data were validated.

Chemicals found above the detection limit probably were either naturally occurring inorganics associated with the soil or low levels of sporadically occurring analytes identified with only a few locations. These included carbon disulfide in one sample, cyanide in three samples, and mercury in one sample.

No specific cleanup levels have been established for the facility through the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process. The conclusions from this report must be reviewed and the results of this study compared when these levels are available.

The statistical analysis of the results for analytes at levels above the detection limit and for estimated values below the reported detection limit was made to determine arithmetic means and standard deviations. The three-standard-deviation upper limit was calculated and reported. The method chosen is considered sufficiently conservative to provide a worst case evaluation of area conditions. The resulting values appear low enough to be below any expected cleanup level.

The values for the plutonium-238 data in the area indicate that it meets the 100-picocuries per gram (pCi/g) restricted release criterion established for Mound Plant.

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1. INTRODUCTION

1.1. PURPOSE

This Verification Report describes the environmental sampling and analysis, data interpretation, and conclusions associated with the verification study of cleanup activities for a portion of Area 14 at Mound Plant, Miamisburg, Ohio. Its focus is primarily on the chemical portion of the verification. The chemical verification must be combined with the radionuclide verification from other studies for complete conclusions to be drawn, as discussed in Section 6.

The conclusions from a verification activity may indicate that the cleanup of the area has been achieved, that it has not been achieved, or that the data are insufficient to establish conclusions at some established statistical level of confidence. The null hypothesis used in this study is that the area is assumed to be contaminated until it is established that it is clean.

At the time that the cleanup activity was planned, the area sampled had been cleaned up so that it could be used as a site for a fuel oil storage system. It was decided that the appropriate approach was to complete verification for that portion of Area 14 first. The remainder of the verification for cleanup will be done on a separate schedule. In addition, chemical and radionuclide verification have been done separately. This is consistent with the practices used in other areas at Mound Plant. It is acknowledged that having radionuclide and chemical verification done separately, both from the organizational standpoint and to some extent from the data quality objective standpoint, is difficult. The cleanup standard in use is the Mound Plant plutonium-238 value of 100 picocuries per gram (pCi/g).

When all Decontamination and Decommissioning (D&D) and verification are complete for all past, current, and planned projects, a Record of Decision (ROD) will be written under the Federal Facility Agreement (FFA). This document will support delisting of the Mound Plant Site. The ROD activities will include a compilation and reevaluation of all verification sampling and analysis and a reevaluation of the conclusions drawn concerning the status of the Site from the standpoint of cleanliness. All chemical and radiological sampling will be fully integrated at this time. The completion of a verification report does not preclude the preparation of a remedial investigation report or a risk assessment, which are part of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process.

This verification report was written to establish current conditions in the specific areas sampled.

1.2. SCOPE

This report provides information associated with the traceability and defensibility of the activities completed as part of this chemical verification effort. This information includes the plans, procedures, and references used during the sampling activity. Methods used during the laboratory analysis and data verification are referenced. This work was performed under a Sampling and Analysis Plan (DOE 1991b). This verification sampling activity was not performed under an approved Work Plan and Quality Assurance Project Plan (QAPP), as they were still in draft form at the time the verification work was done. The information in this report will allow the determination of the acceptability of the work done. This report will be augmented by an additional report or reports when verification is completed for the remainder of Area 14.

Specific cleanup levels have not been established. The verification was done under the CERCLA, which requires that risk-based cleanup levels be established on a site-specific basis. These risk-based numbers are not available for use at this time, because the risk assessment process has not been completed at the time of the writing of this report. The risk assessment is being conducted as part of another CERCLA operable unit and is not reported on here. When the risk-based levels are available, the conclusions presented herein must be reviewed.

The work described in this report primarily relates to the results obtained from the chemical analyses. Data on radionuclide analysis are included as available and are discussed in the section on previous activities and in the conclusions. The radionuclide data, except for the soil screening data taken prior to shipment of the samples for chemical analysis from this study, have been gathered by other organizations.

1.3. PHYSICAL DESCRIPTION

1.3.1. Mound Plant

Mound Plant, located in the outer city limits of Miamisburg, Ohio, is operated by EG&G Mound Applied Technologies for the U.S. Department of Energy (DOE) (Figures 1.1 and 1.2). The major topographical feature of the region is the Great Miami River, which flows from north to south approximately 2,000 ft due west of the plant site. Mound Plant occupies 306 acres on two adjacent hills overlooking the Great Miami River and the city of Miamisburg. These two hills are referred to as the Main Hill and the Special Metallurgical/Plutonium Processing (SM/PP) Hill. Figure 1.3 is a map showing the hills and valley region of the plant. Figure 1.4 is a topographical map of the site. The elevation of the plant ranges from approximately 700 to 900 ft above mean sea level. Natural slopes range up to 20 degrees from the horizontal.

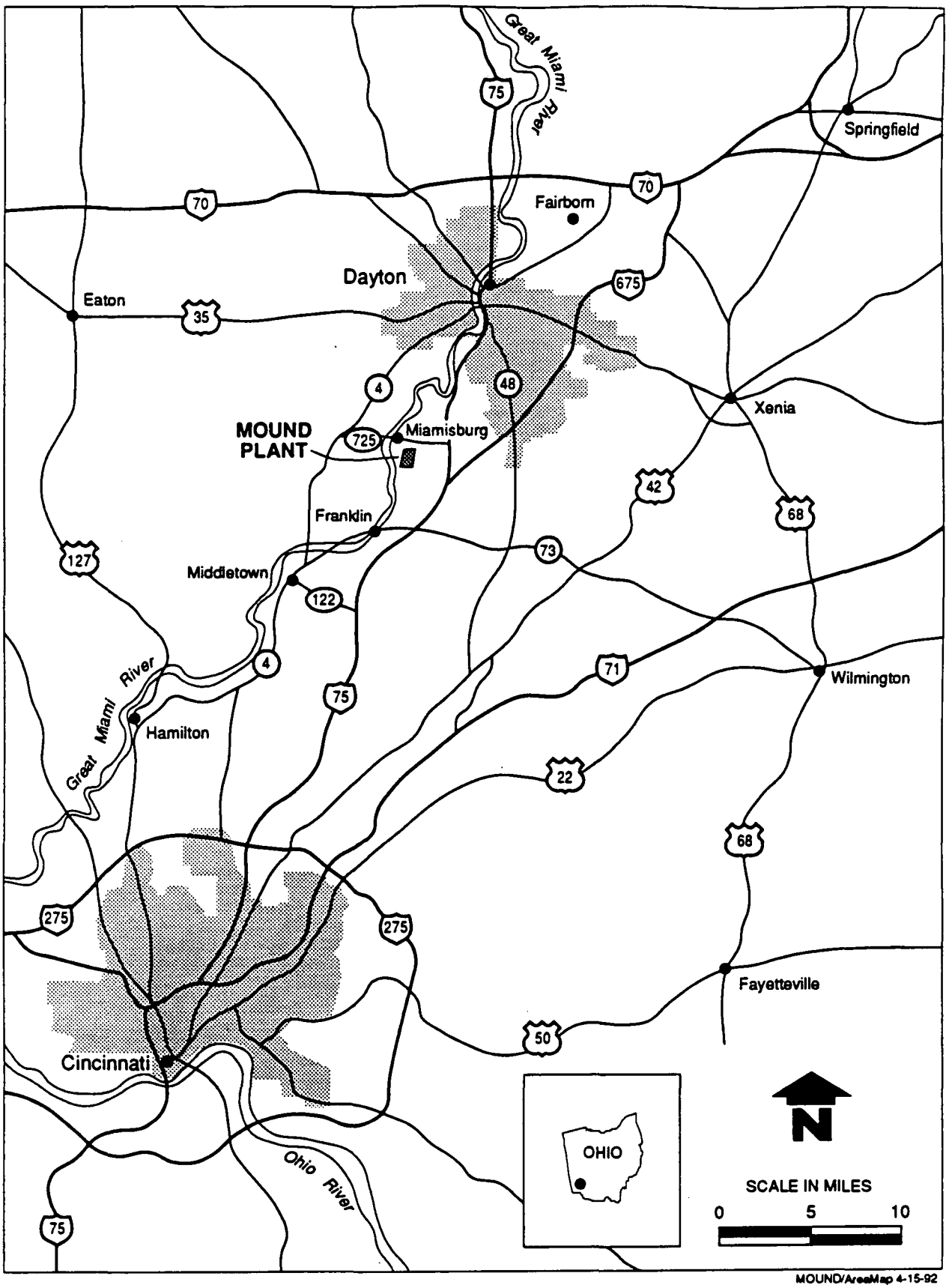
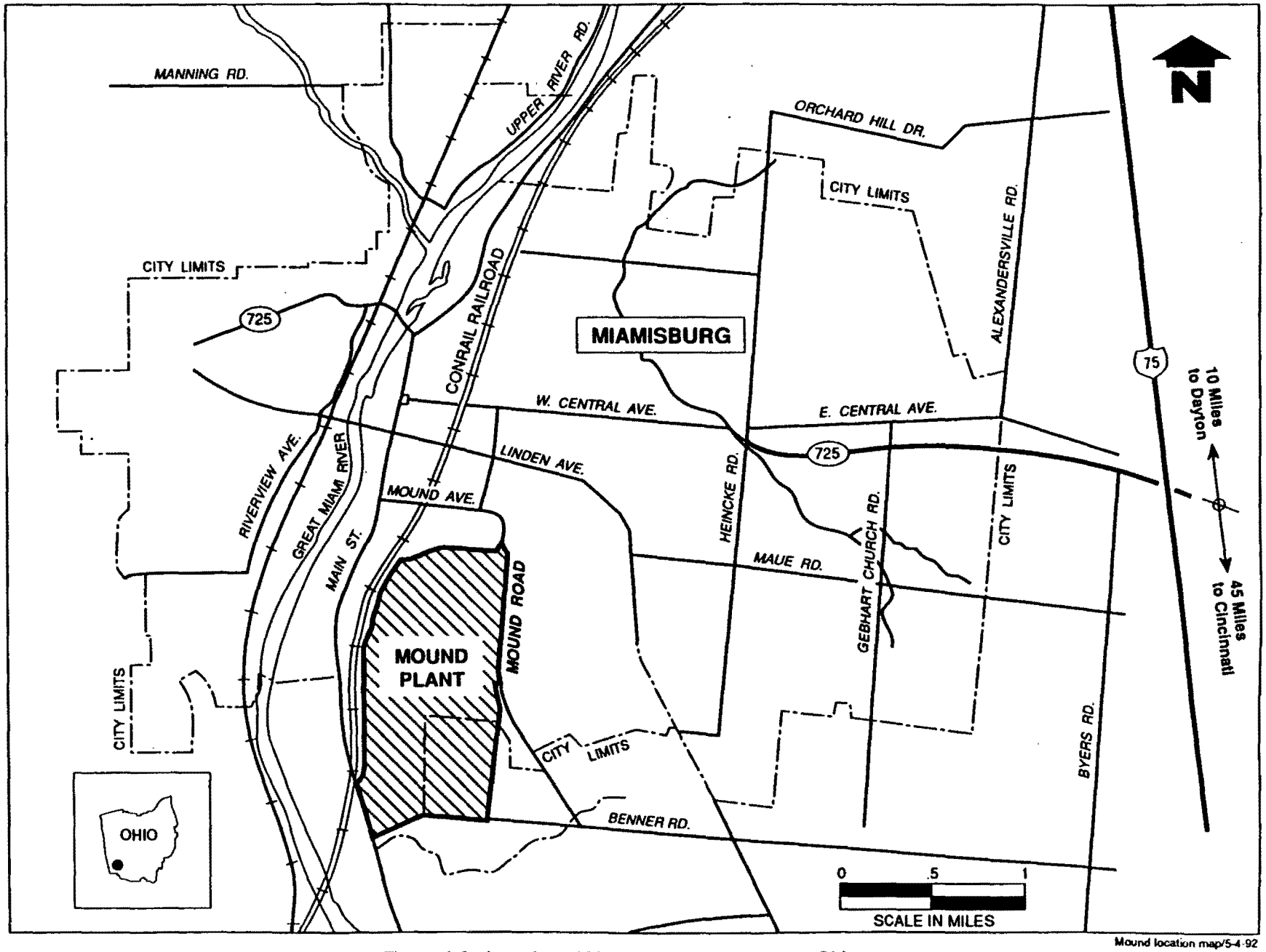


Figure 1.1. Regional location of Mound Plant.



Mound location map/5-4-92

Figure 1.2. Location of Mound Plant, Miamisburg, Ohio.

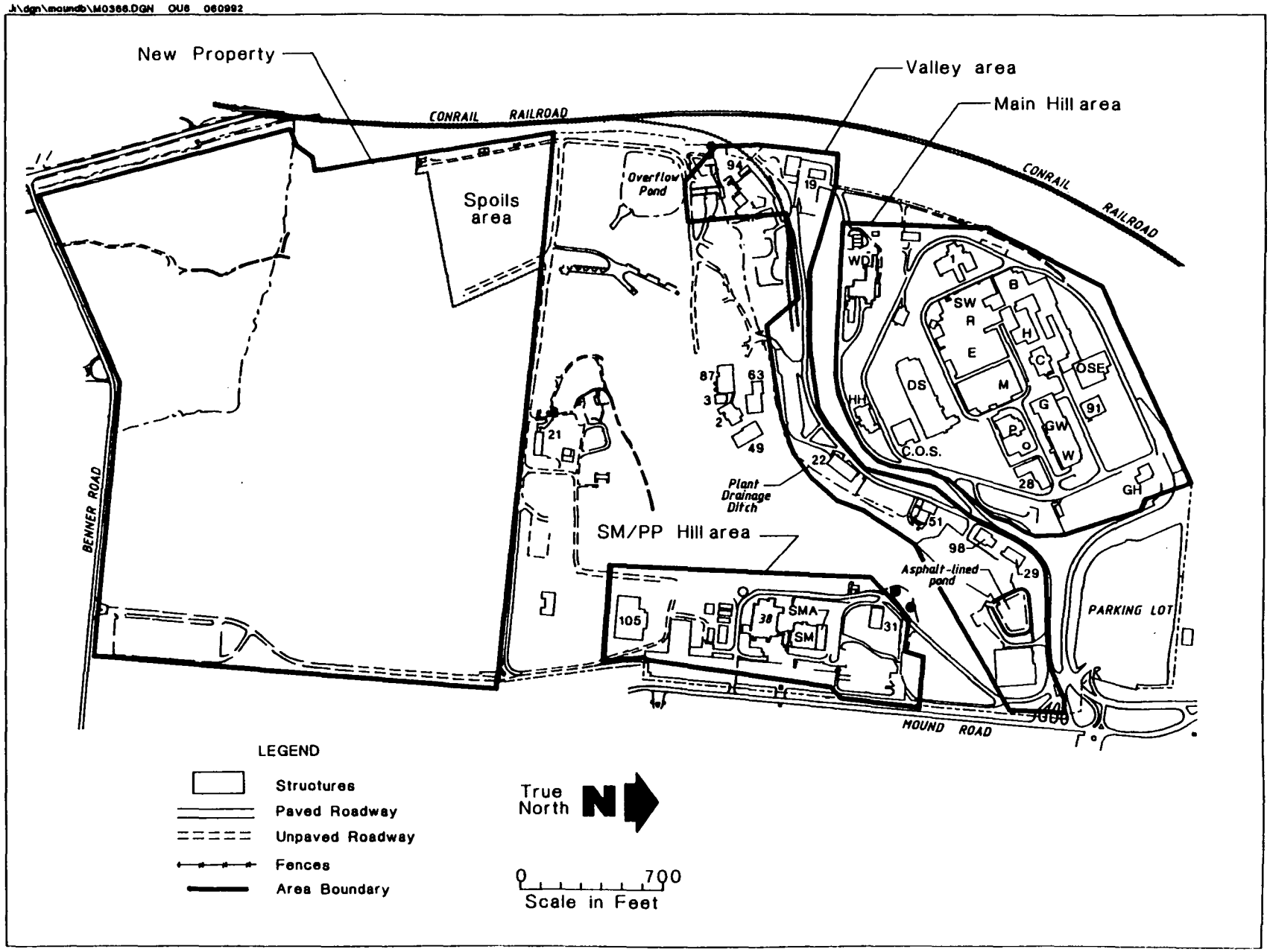


Figure 1.3. Mound Plant areas and main buildings.

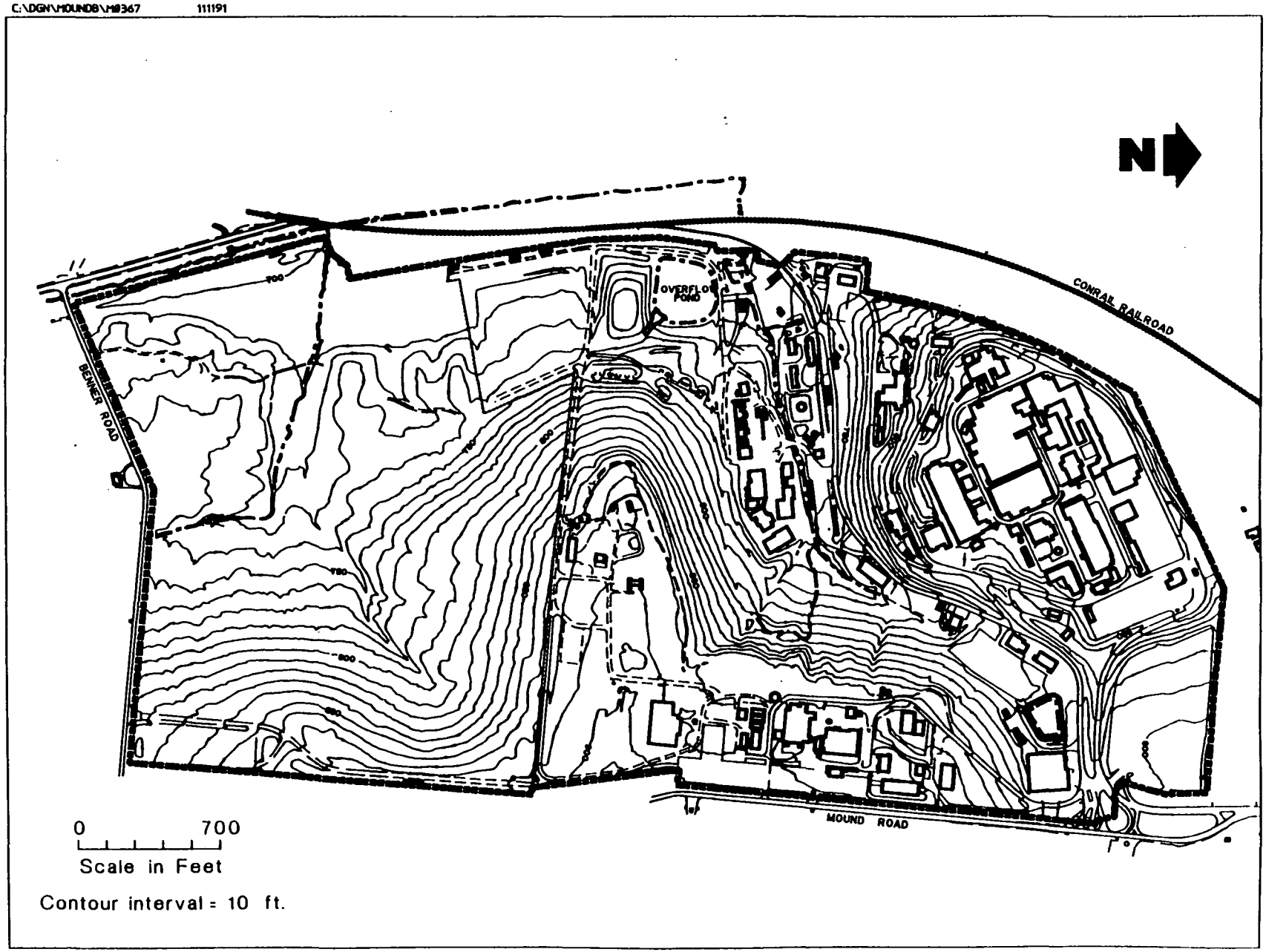


Figure 1.4. Mound Plant topography.

The dominant features of Mound Plant are the two hills underlain by bedrock shales and limestones. These are covered by a thin veneer of glacial till. Much of the original surface of the hills has been regraded and reworked during plant construction. As an example, the Main Hill was leveled in 1947 for foundation stability. Reworked materials (mostly tills) were relocated to the southern slope of the Main Hill. The SM/PP Hill has not undergone as extensive regrading as the Main Hill, but the western slopes have periodically received construction debris and soil materials that have locally reshaped the hill slope morphology.

The bedrock immediately beneath Mound Plant belongs to the upper Ordovician Richmond Group, which ranges in thickness from 250 to 300 ft in the plant vicinity. The bedrock consists of calcareous shale and interbeds of limestone. The Richmond Group underlies the Main Hill and the SM/PP Hill. More complete descriptions of the geology, soils, drainage, and hydrogeology for the plant are found in the work plans for Operable Units 6 and 9 (DOE 1992a,d).

1.3.2. Area 14

Area 14 is located on the south slope of the Main Hill, below the old Sanitary Wastewater Treatment Plant and the Waste Disposal (WD) Building (Figure 1.5). Geologically, Area 14 is bedrock overlain by glacial till at the upper and lower sections. Fill has been added to cover the glacial till. The bedrock across the center of Area 14 has little or no cover. This nearly exposed bedrock forms the upper portion of the part of Area 14 that is the subject of this verification effort. Figure 1.6 is a geologic cross section from north to south across Area 14. An asphalt-topped road is located at the top (northern end) of Area 14 (Figure 1.7). A slump cuts Area 14 from the upper roadway into the area verified. A very small pond, which has a reasonably stable water level controlled by a outflow pipe, is located at the bottom (southern end) of Area 14. This pond is within the verification sampling area. A permanent drainage is located outside the eastern side of this partial verification area but within the boundaries of the total Area 14.

1.4. HISTORY

1.4.1. Mound Plant

Mound Plant was established in 1948, when the Monsanto Chemical Company was requested to evaluate the chemical and metallurgical properties of polonium as a project of the Manhattan Engineer District (DOE 1986). More recently, the Mound Plant missions include the manufacture of chemical explosive detonators, explosive timers, explosive-actuated transducers, explosive switches, and heat sources fueled with encapsulated plutonium-238; surveillance of detonators, cables, and components containing radioactive materials; separation, purification, and sale of stable (nonradioactive) isotopes

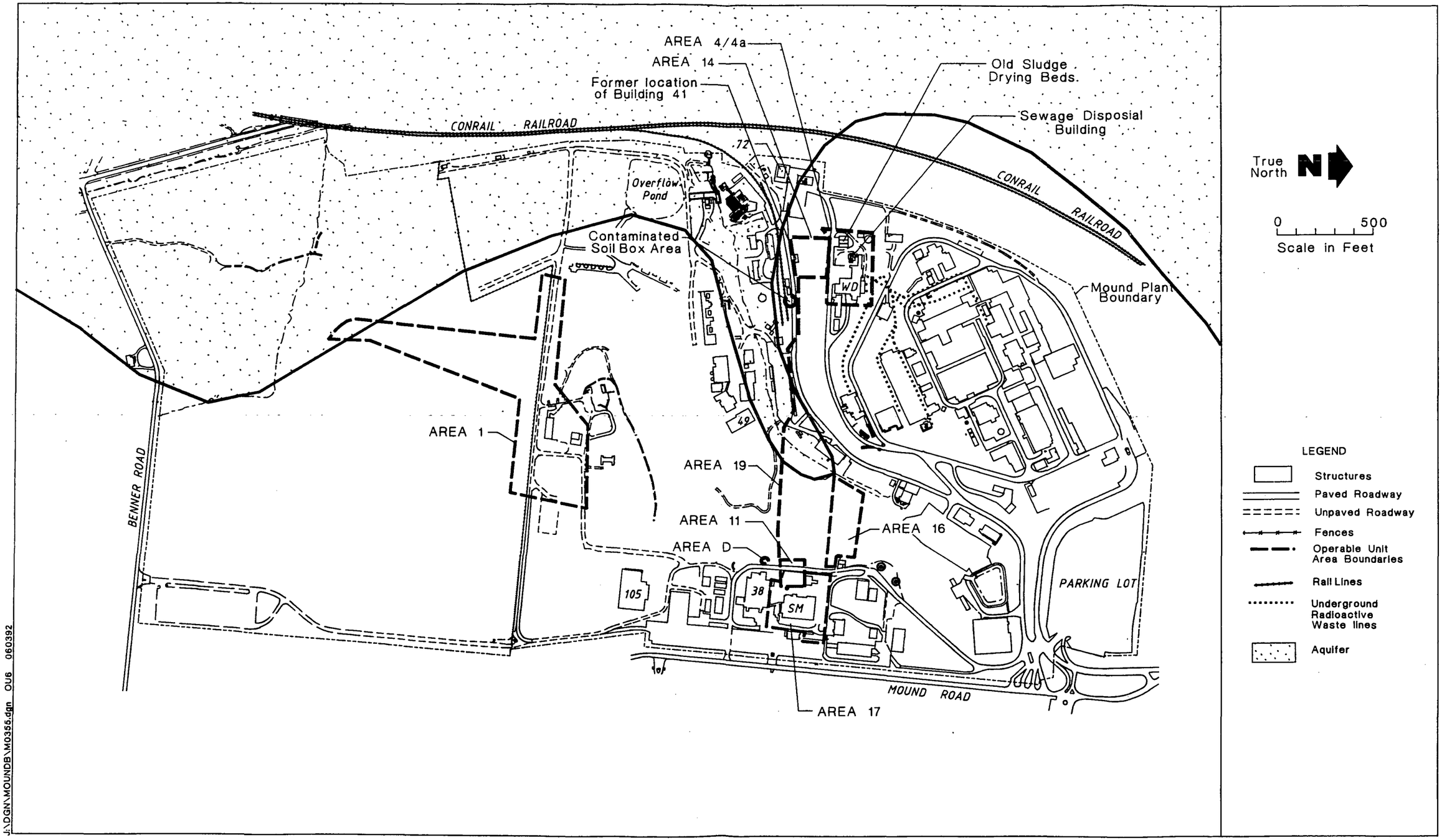


Figure 1.5. Location of Mound Plant decontamination and decommissioning areas.

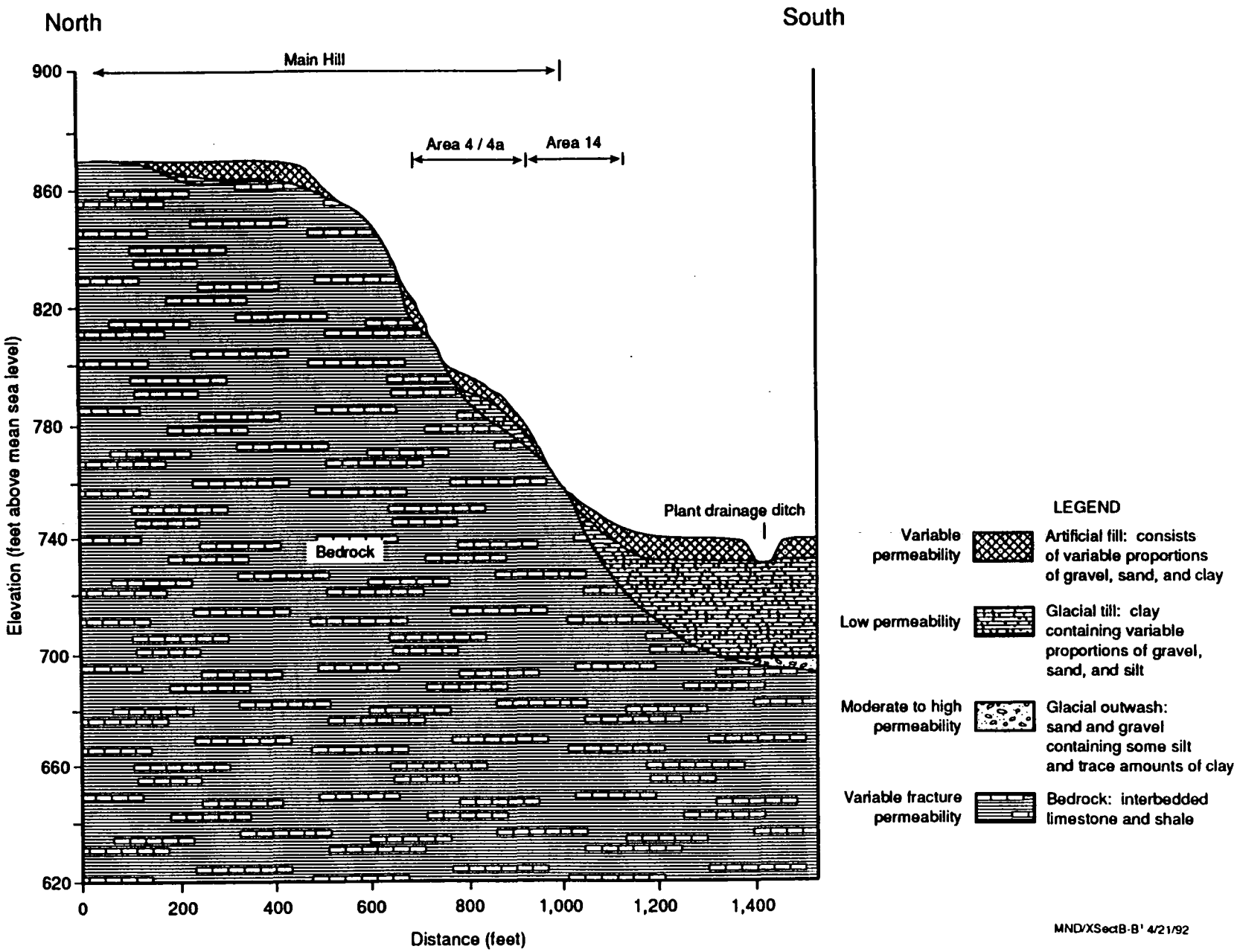


Figure 1.6. Generalized stratigraphic cross section including Area 14.

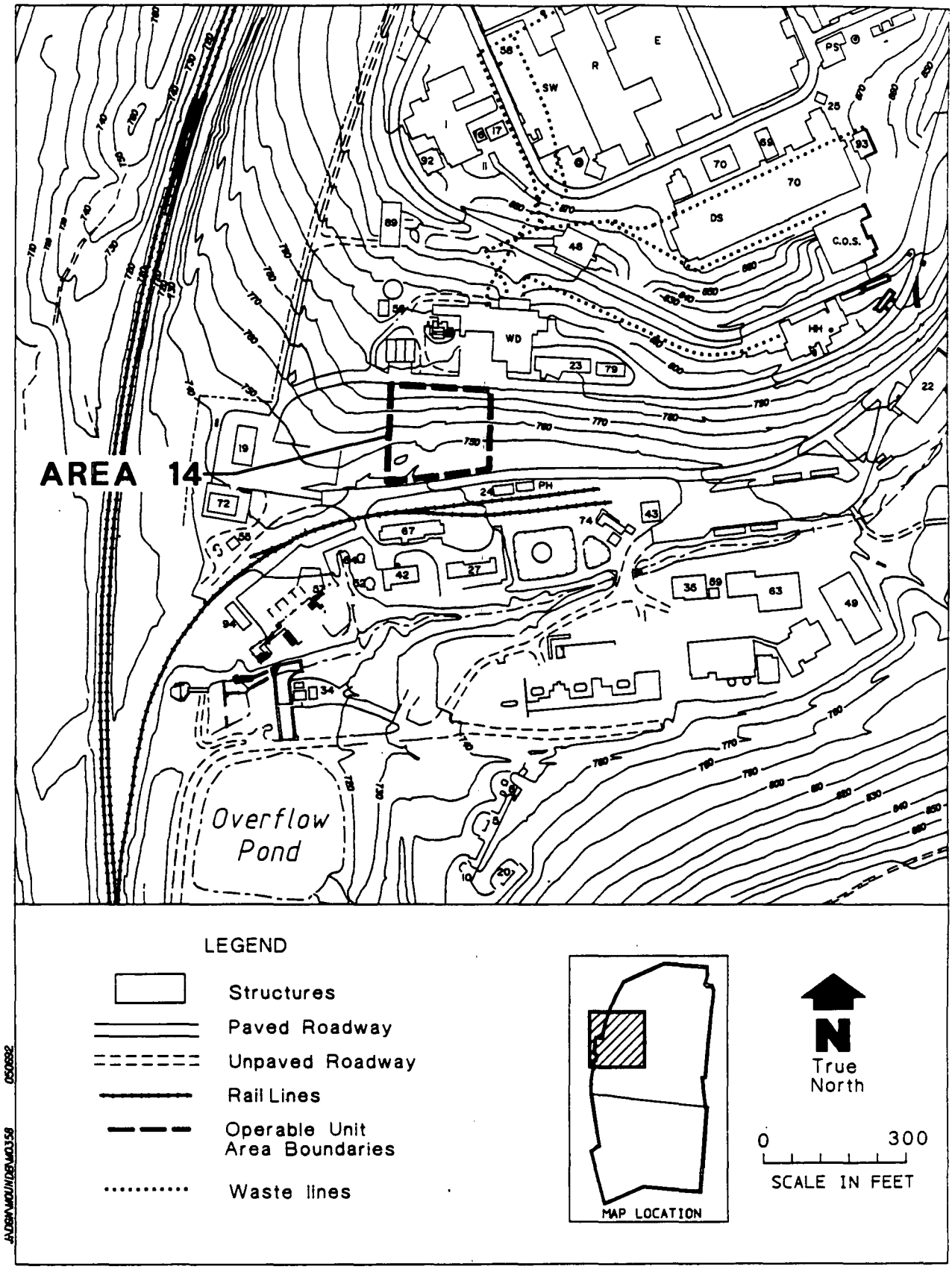


Figure 1.7. Area 14.

of noble gases, carbon, and several other elements of interest to the scientific community; recovery of tritium from wastes generated at Mound Plant and other DOE sites; and peaceful applications of atomic energy.

As a result of historic disposal practices and contaminant releases to the environment, Mound Plant was placed on the National Priority List (NPL) in November 1989. In August 1990, the U.S. Environmental Protection Agency (EPA) and the DOE entered into an FFA (EPA 1990a), with the DOE identified as the lead agency. The terms of the FFA require that the DOE develop and implement a remedial investigation/feasibility study (RI/FS) and conduct interim remedial actions in order to protect the public health, welfare, and the environment. To facilitate this effort, nine operable units were established at Mound Plant. These nine operable units and their current objectives and status are as follows:

- Area B Groundwater, Operable Unit 1, includes a historical waste disposal area (landfill) with known releases of volatile chemicals to the Buried Valley aquifer. Two stages of the RI have been performed for Area B, and a third is underway.

- Seeps, Operable Unit 2, addresses potential release areas on the Mound Plant Main Hill, including some peripheral groundwater seeps. Its scope includes characterization of the indurated bedrock and unconsolidated overburden on the Main Hill and associated soils and groundwater.

- Miscellaneous Sites, Operable Unit 3, includes those potential release areas for which little or no data are currently available and for which the collection of site-specific data in a limited field investigation will enhance the scoping effort.

- Miami-Erie Canal, Operable Unit 4, addresses an abandoned segment of the Miami-Erie Canal, west of Mound Plant, that contains plutonium-contaminated sediments from a 1969 waste line break and tritium-contaminated soils. Although a mile long, it is considered to be one potential release area.

- Radioactively Contaminated Soils, Operable Unit 5, includes soils with known or suspected radioactive contamination. These areas are lower priority than the D&D Program areas (below), because the identified levels of contamination are lower or the areas are less likely to be disturbed in the near future than are the D&D Program areas. This operable unit also addresses groundwater in the indurated bedrock and unconsolidated overburden on the Mound Plant SM/PP Hill.

- D&D Program Areas, Operable Unit 6, includes potential release areas with radioactively contaminated soil that is undergoing removal or that is scheduled for removal in the near future. Because it is already known that the contaminated soil will be removed and because the D&D Program is an ongoing activity that reduces potential impacts to human health and the environment, the scope of the RI/FS for these areas is verification of cleanup after the soil is removed.

- Limited Action Areas, Operable Unit 7, includes potential release areas that are believed to have no contamination based on a review of area histories and an August 1990 joint visual site inspection by the DOE, the EPA, and the Ohio Environmental Protection Agency (OEPA). No further action is required, and no further documentation will be produced.

- Inactive Underground Storage Tanks, Operable Unit 8, includes underground storage tanks primarily in the vicinity of the WD Building. Operable Unit 8's scope is currently under review to determine the regulatory status of all underground tanks at the Mound Plant. That review will result in a distribution of responsibility for the tanks between the Environmental Restoration (ER) Program and a Mound Plant Underground Tank Compliance Program under the Resource Conservation Recovery Act (RCRA) Subtitle I, administered by the state of Ohio.

- Site-wide RI/FS, Operable Unit 9, includes offsite migration of contaminants in groundwater, soils, surface water and sediments, airborne contamination, and ecology. The Site-wide RI/FS will additionally ensure that a comprehensive investigation is performed by compiling all data from individual operable unit investigations into a comprehensive report.

A CERCLA ROD for the plant and removal of the property from the NPL are the ultimate goals. A ROD may be developed for each operable unit, and remedial action specific to each ROD may be taken prior to completion of the final ROD for the Site.

1.4.2. Operable Unit 6, Decontamination and Decommissioning

Operable Unit 6, D&D Program areas, includes potential and known release sites with radioactively contaminated soil. When facilities or assets such as buildings are declared surplus or are no longer needed or are required for other purposes, they are assigned to the Mound Plant D&D Program for management. The D&D Program will manage the decontamination of radiological and chemical contamination associated with routine operations. This includes the D&D of contaminated soil associated with the building or process and extends to the D&D of underground tanks and piping involved with nuclear operations. Verification and verification reporting are intended to integrate the obligations of the DOE under the Atomic Energy Act (AEA) (AEA 1954) for decommissioning of nuclear operations with the obligations under CERCLA for remedial response to hazardous substances.

The areas or buildings assigned to the D&D Program are undergoing cleanup or are scheduled for cleanup in the near future. Because it is already known that the contaminated soil will be removed and because the D&D Program is an ongoing activity that reduces the potential impacts to human health and the environment, the goal of the activities associated with this operable unit is the verification of the completion of cleanup of hazardous and radioactive contaminants.

1.4.3. Area 14

1.4.3.1. History of Known or Suspected Contamination

Radioactively contaminated liquid waste was transferred from the SM/PP Hill to the WD Building via two parallel underground pipelines. The liquid waste was gravity fed from the SM/PP Hill to Building 41, where it was held in two underground storage tanks. The waste was then pumped uphill to the WD Building. This Waste Transfer System (WTS) began operation in 1967 and handled primarily solutions of plutonium-238 in nitric acid and, to a lesser extent, solutions of plutonium-238 in sodium hydroxide. The system included approximately 2,200 ft of dual lines. The high-risk wastes contained lesser amounts of americium-241, neptunium-239, and uranium-234. The low-risk wastes contained various grey water components; decontamination water; trace amounts of methanol, ethanol, and propanol; and acids including nitric, sulfuric, hydrofluoric, and hydrochloric (DOE 1992c). Grey water components are those chemicals derived from daily living and include soap residue, organic particulates, and dirt, but do not include human wastes. Sampling and analysis have not been done for verification of americium-241, neptunium-239, or uranium-234.

At various times throughout the operation of the WTS, leaks occurred in the waste lines, and unknown amounts of solution were released to the environment. A waste line rupture in 1969 released a quantity of plutonium-238 waste upslope from Building 41, in what is now known as Area 14 (Figure 1.7). The surrounding soils became contaminated with plutonium-238. A partial cleanup of the area was performed in 1969, during which approximately 964 ft^3 of soil were removed and shipped offsite for disposal. The area was then backfilled with clean soil. A rainstorm during remediation caused some of the plutonium-238-contaminated soil to be washed away from the original point of deposition through the plant drainage ditch to an abandoned remnant of the Miami-Erie Canal (Operable Unit 4). The WTS continued to operate until 1976, when the system was permanently shut down. The final remediation of the WTS was performed between 1982 and 1991. As part of this remediation, Building 41 and its tanks were removed in 1987. Between the PP Building and Building 41, the contaminated soil was designated as Area 19; between Building 41 and the WD Building, it was designated as Area 14 (Figure 1.5).

1.4.3.2. History of Cleanup and Investigations

Remediation of contaminated soil in Area 14 was accomplished by excavation, packaging, and shipment to the Nevada Test Site for disposal. Field work was started in 1982 and completed in 1990. This time frame included both the D&D activities carried out by Mound Plant staff and contractors' activities as discussed below.

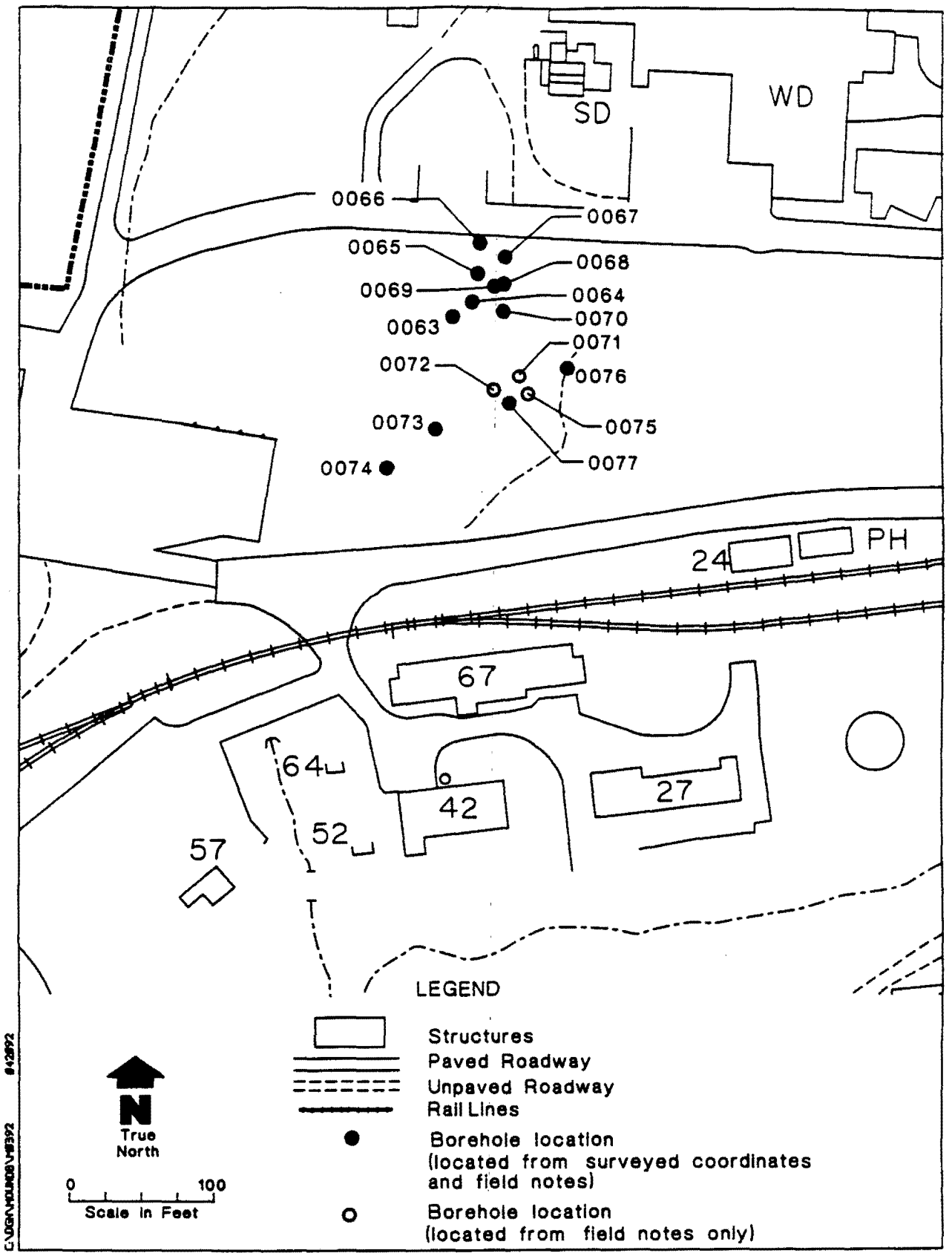


Figure 1.8. Borehole locations in Area 14.

In October of 1986, Battelle, Columbus Division, issued a "Summary Report on the Verification Survey of the WTS Excavation Area at the Mound Facility" (Battelle 1986). This report describes the sampling frequency along the previous location of the WTS. Only 1,700 ft of the approximately 2,200 ft of lines were available for sampling because of ongoing work in the area between Building 41 and the WD Building, including the area identified as Area 14.

In 1989, Roy F. Weston, Inc. (WESTON), conducted reconnaissance sampling for Mound Plant D&D areas. Surface soil samples were collected from 16 sampling locations within Area 14 for the analyses of Target Analyte List (TAL) and Target Compound List (TCL) constituents. Soil screening for plutonium-238 and thorium-232 was also done on these samples. Of these samples, 15 received the scheduled laboratory analysis. Because of shipping time limits, the 16th sample was screened for radionuclides only and was not shipped to the laboratory for chemical analysis. A map showing the sampling locations from this activity is given in Figure 1.8. This sampling included inorganics and organics in the EPA Contract Laboratory Program (CLP) suite of chemicals. The analyses performed in this study are discussed in Section 2, Sampling Activity. These data have since been validated, and the data and this validation are detailed in the final Reconnaissance Sampling Report (DOE 1992b). Chemical contamination within Area 14 was not substantiated for contamination above the analytical detection limit.

Soil samples collected during the 1989 reconnaissance investigation and screened at the Mound Plant Soil Screening Facility reflected maximum plutonium-238 and thorium-232 concentrations of 8,400 pCi/g and 20 pCi/g, respectively. The Mound Plant D&D Program verified the remediation of radioactively contaminated soils by conducting field instrument for the detection of low energy radiation (FIDLER) surveys and collecting soil samples for radionuclide analyses at the Mound Plant Soil Screening Facility. The results from these surveys have not yet been published.

In 1990, the remediated area was sampled by Argonne National Laboratory (ANL) to independently verify the remediation of radioactively contaminated soils as a check of the Mound Plant D&D Program. Results from the ANL sampling indicated concentrations of plutonium-238 remaining in the area covered by this report ranged from 0.1 pCi/g to 240 pCi/g, with an average concentration of 19 pCi/g (ANL 1990).

In 1990, ANL sampled Area 14, including the area of the proposed tank pad location, to independently verify the radiological contaminant removal. The radionuclide sampling is reported in "Confirmatory Soil Data for the Remediated Area Between the WD Building and the Former Site of Building No. 41 at Mound Laboratory, Miamisburg, Ohio, August 1990" (Argonne 1990). The area sampled was over 3,000 square meters (m^2). A grid size of 10 m by 10 m was chosen for the sampling, with the

samples located randomly within each grid element. The guidance for this follows NUREG/CR-2082, "Monitoring for Compliance with Decommissioning Termination Survey Criteria" (Holoway et al. 1981). A surface sample (0 to 5 centimeters [cm]) and a subsurface sample (5 to 65 cm) were taken at each location. In the WD section, north of the area of interest of the proposed tank pad site, three samples were taken at least 1.8 m below grade and three samples were collected at a minimum of 3.7 m below grade. An average soil cleanup criterion of 100 pCi/g of plutonium-238, with a 300-pCi/g peak concentration, was used in the Argonne study. The conclusions from this report are as follows:

> The data collected from this study has demonstrated statistically that the WTS area that had been previously contaminated by a waste transfer pipeline has been remediated according to site-specific cleanup criteria for Pu-238 from grade to a depth of approximately 0.5 m. The largest sample concentration (240 ± 30 pCi/g at 0.6 m in grid D04), although within the criteria, appears to be an outlier with respect to the mean concentrations of both the surface (10.2 pCi/g) and subsurface (18.6 pCi/g) soil samples . . .
>
> The soil beneath the removed WTS line in the WD area also exhibits concentration values that indicates that remediation of this subgrade soil was also successful. However, this can not be supported statistically with any significance.

Further discussion of the sampling and analysis activities is included in Section 2 of this document. A sample location map and tables for Plutonium-238 concentration are included in Appendix A.

A series of memorandums, covering the results of radionuclide cleanup verification for subareas within Area 14, have been issued by Mound Plant. The following is a summary of the memorandums that are pertinent to the portion of Area 14 that has undergone verification sampling for chemicals.

- WD Hillside Partial Release #9, dated May 29, 1990, states that Areas 1, 2, 3, and 4 have been cleaned with the exception of the electric utility pole near the corner of the WD Building; this exception was in Area 2, locations 123 and 125. An exception was also made for the drain in Area 3. Field maps for these areas are included in Appendix A.

- WTS Areas 1, 2, 3, and 4, Release Approval, dated June 15, 1990, indicated that a problem existed with the verification of some soil sample radionuclide values. These samples yielded analytical result levels that could not be verified to be less than 100 pCi/g. These points were locations 194, 446, and 449 in Area 1; locations 49, 119, 122, 123, and 125 in Area 1; locations 6 and 34 in Area 3; and location 10 in Area 4. A field map supplied by EG&G Mound Applied Technologies, dated March 5, 1990, is included in Appendix A. An overlay for the grid outline used in this study has been added for convenience. These sample locations are not within the study area covered by this partial Area 14 Verification Report.

- Partial release #10, dated July 23, 1990, is for Area 5 between the temporary gravel road and the test fire road. This memorandum indicated the contamination level in that area was less than 100 pCi/g.

- WD Hillside Partial Release #11, September 26, 1990, states that locations 1 through 130 in subarea 5 had been decontaminated October 3, 1989. WD Hillside Partial Release #11, dated September 7, 1990, states that the area identified as Area 5 with locations 1 through 184 had been cleaned to less than 100 pCi/g. Backfilling was started in this area September 7, 1990. The points identified as 1 through 184 are a different set of points to the east of those identified as 1 through 130. A map identifying these points is included in Appendix A.

- WTS Release #12, dated September 14, 1990, concerns the sampling of the power pole locations identified in the Battelle verification of the WTS line area. These locations are not in the area of interest for the study reported in this document.

- WD Hillside Partial Release #13, dated December 10, 1990, reported on sampling of the road areas and found that they averaged less than 100 pCi/g.

- WD Hillside Partial Release #14, dated January 9, 1991, provides the release for soil around the utility pole in Area 2, which was not removed in Partial Release #9, dated May 29, 1990.

- Memorandum, dated July 10, 1991, titled "Radiological Release (only) for Restricted Use of Land Areas Decontaminated by Waste Transfer System D&D Project." This memo is based on the EG&G Mound Applied Technologies data with the additional radiological verification by Battelle Columbus Laboratory and ANL. The ANL data were independently verified by Oak Ridge Associated Universities (ORAU). The ORAU report has not been finalized. This memo indicates that the soil meets the December 23, 1986, program plan goal of 100 pCi/g (MRC 1986), with the exceptions noted in the following documents:

  - Letter #1, dated October 30, 1985.
  - Letter #2, dated November 21, 1985.
  - Engineering Change Bulletin #90-34, dated August 6, 1990.
  - Building 41 Radiological Release Area B, dated July 1, 1991. Building 41 is outside of the area of interest for the current study and does not impact the work covered by this report.

- Canberra Industries, Nuclear Services Division, is in the process of preparing an activity summary report on the WTS Decommissioning Project.

The above summary material indicates that the Mound Plant cleanup level has been obtained for plutonium-238 in the location of the proposed tank installation, which is the area of interest for this study. This includes the area indicated on the field map, dated March 1990, and included in Appendix A. The area is identified on this map as roadway, Area 5, Area 6, the pond, part of the cold area, the lower section of Area 1, and the left portions of Areas 2 and 4.

2

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2. VERIFICATION SAMPLING

2.1. SAMPLING SCOPE

In June of 1991, the "Operable Unit 6 Decontamination and Decommissioning Program Proposed Area 14 Fuel Oil Storage System Sampling and Analysis Plan" (SAP), Mound Plant, Miamisburg, Ohio (DOE 1991b), was transmitted to regulatory agencies for information. The OEPA commented on the document. Comment responses were transmitted to the regulatory agency and some changes were made to the activity as a result of these comments. These changes are identified in the deviation section of this report, subsection 3.3.3. These comments and the responses are found in Appendix B of this document.

The SAP was prepared to specify the characterization of potential chemical contaminants remaining in a subsection of Area 14. This subarea is located near the former site of Building 41. The sampling described as part of the SAP was intended to provide the chemical analysis to include TCL volatile organic compounds (VOCs), semivolatile organic compounds, pesticides, polychlorinated biphenyls (PCBs), and TAL inorganics.

2.2. SAMPLING STRATEGY

The samples were gathered at node points of a 10-m, arbitrarily established grid covering the proposed tank pad site (Figure 2.1). The systematic sampling methodology was established to provide better coverage of the study area than could be provided with random samples. The sampling and analysis activities are described in a Sampling and Analysis Plan (DOE 1991b). This approach is discussed in "Preparation of Soil Sampling Protocol: Techniques and Strategies" (EPA 1983).

The sample grid was based on the following assumptions:

1. The chemical composition of the area to be sampled was reasonably homogeneous.
2. The area should be considered to be small so that a 10-m grid allows for a reasonable number of samples to be collected and so that an assumption that it is relatively homogeneous can be made.
3. Previously carried out sampling had been sufficient to characterize the site (Stought et al 1988), and the reconnaissance data were not published but were available in a preliminary form during planning.
4. The activity should provide the chemical component of the total verification activity, of which the radionuclide study done by ANL (1990) was also a component.

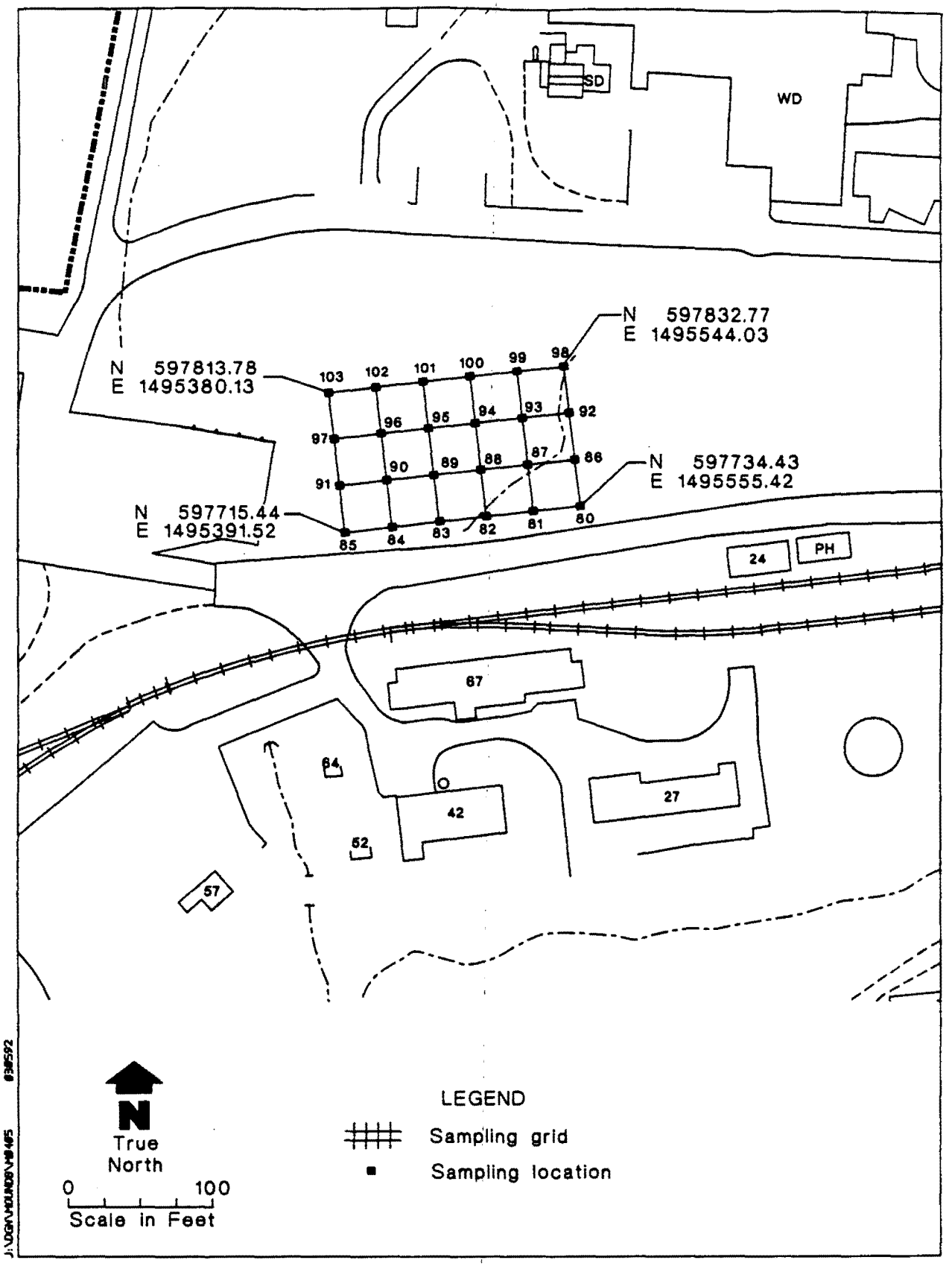

Figure 2.1. Sampling locations in Area 14.

Based on the above, a 10-m by 10-m grid was arbitrarily chosen. This was consistent with the previous sampling in the area as described in the ANL report (Argonne 1990) and the information in NUREG/CR-2082 (Holoway et al. 1981). The grid established for the chemical sampling was not intended to be the same grid orientation used to establish the ANL sampling. Overlays of the two grids, along with the field-drawn map identifying sample locations within the proposed tank pad area, are given in Appendix A.

The number of samples needed to demonstrate a specific statistical confidence is based on calculations involving the following quantities: the cleanup standard, the mean concentration where the site should be declared clean with high probability, the false positive rate, the false negative rate, and the standard deviation (EPA 1989a).

The cleanup standards for the Mound Plant are to be risk-based and include applicable or relevant and appropriate requirements (ARARs). The exact wording of the cleanup standard often is the determining factor on what specific method for sampling or analysis is ultimately used to establish if the area is clean. The standard may imply that the mean will be used for the comparison, or it may reflect the wording of the working cleanup level for plutonium-238 at Mound Plant (i.e., a mean and an upper limit that no sample is to exceed). The upper tail position on the population distribution is also of importance. At the time of the planning of the verification activity, the risk-based numbers were not available for planning purposes, and the ARARs had not been agreed upon by the parties to the FFA. The number of samples needed for the study could not be statistically established, because the risk assessment was not complete at the time of the drafting of this report, and the ARARs have not been agreed upon by the appropriate parties. Potential or preliminary ARARs will be used in the data analysis as points of comparison along with literature values for soil chemistry.

Since homogeneity and small size were basic assumptions used in the planning of the activity, the area was not stratified for sampling purposes. Composite samples were not included in the activity plan. The list of Site-wide chemicals of concern, originally developed for Operable Unit 9, is shown on Table II.1 (DOE 1992a). Table II.2 lists the chemicals analyzed in this study.

Originally, background sampling was included in the sampling activity, but this was not done because of difficulties establishing an appropriate location on Mound property and obtaining access for a drill rig. This was deferred to the Operable Unit 9 sampling. Unfortunately, the Operable Unit 9 sampling has been delayed, and the data are not currently available. Background sampling is part of the Operable Unit 9 field activities starting in the early fall of 1992.

Table II.1. Mound Plant - Potential Contaminants of Concern

Compound	Compound
Acetone	Antimony
Acetonitrile	Beryllium
Acrylonitrile	Bismuth
Ammonia	Cadmium
ANCO ALGAECIDE No. 1 (2-benzyl-4-chlorophenol)[a]	Chromium
ANCOOL 3310 (triazole) sodium molybdate[a,b]	Cobalt
Arsenic	Cyanide
Benzene	Copper
Calcium	Iron
Carbon disulfide	Lead
Carbon tetrachloride	Lithium
Chloroform	Magnesium
Cresols (methylphenol)	Manganese
Diethyl benzene	Mercury
Fluoride	Nickel
Freon-TF (Freon 113, trichlorotrifluoroethane)	Selenium
Hexane	Silver
High explosives	Vanadium
PETN	Zinc
RDX	Actinium-227
HMX	Americium-241
Iodomethane	Bismuth-207
Methylene chloride	Bismuth-210m
Methyl ethyl ketone (2-butanone)	Cesium-137
Methyl isobutyl ketone (4-methyl-2-pentanone)	Cobalt-60
NALCO 2532 bis(tributyltin) oxide[a]	Plutonium-238,239/240
PCBs	Radium-226
Phenol	Strontium-90
Potassium	Thorium-228, 230, 232
Sodium	Tritium
Tetrachloroethane	Uranium-234/235, 238
Toluene	Rare earths (lanthanides)
Tribromomethane (bromoform)	Nitrate-nitrite
Trichloroethane	Nitrite
Trichloroethene	Chloride
Xylene	Sulfate
Aluminum	

Notes:
[a]Indicator compound
[b]Analyze for molybdenum in the TAL method, not for the molybdate; analyze for tin, not for the oxide.
HMX - Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (cyclotetramethylenetetranitramine)
PETN - pentaerythritol tetranitrate
PCB - polychlorinated biphenyl
RDX - Hexahydro-1,3,5-trinitro-s-triazine (cyclotetramethylenetetranitramine)

Table II.2. Chemicals Analyzed for in Area 14

Volatile Organic Compounds	Semivolatile Organic Compounds		Pesticides and PCBs	TAL Metals and Other Inorganics
1,1-Dichloroethane	1,2-Dichlorobenzene	Benzo(g,h,i)perylane	4,4'-DDD	Aluminum
1,1-Dichloroethene	1,2,4-Trichlorobenzene	Benzo(k)fluoranthene	4,4'-DDE	Antimony
1,1,1-Trichloroethane	1,3-Dichlorobenzene	Benzoic acid	4,4'-DDT	Arsenic
1,1,2,2-Tetrachloroethane	1,4-Dichlorobenzene	Benzyl alcohol	4,6-Dinitro-o-cresol	Barium
1,2-Dichloroethane	2-Chloronapthalene	bis(2-Chloroethoxy)methane	Aldrin	Beryllium
1,2-Dichloroethene (total)	2-Chlorophenol	bis(2-Chloroethyl)ether	Alpha BHC	Cadmium
1,2-Dichloropropane	2-Methylnapthalene	bis(2-Chloroisopropyl)ether	Alpha chlordane	Calcium
1,3-*cis*-Dichloropropene	2-Methylphenol	bis(2-Ethylhexyl)phthalate	Aroclor 1016	Chloride
1,3-*trans*-dichloropropene	2-Nitroaniline	Butylbenzylphthalate	Aroclor 1221	Chromium (total)
2-Butanone	2-Nitrophenol	Chrysene	Aroclor 1232	Cobalt
2-Hexanone	2,4-Dichlorophenol	Di-b-butylphthalate	Aroclor 1242	Copper
4-Methyl-2-pentanone	2,4-Dimethylphenol	Di-n-octylphthalate	Aroclor 1248	Cyanide
Acetone	2,4-Dinitrophenol	Dibenz(a,h)anthracene	Aroclor 1254	Iron
Benzene	2,4-Dinitrotoluene	Dibenzofuran	Aroclor 1260	Lead
Bromodichloromethane	2,4,5-Trichlorophenol	Diethylphthalate	Beta BHC	Magnesium
Bromoethane	2,4,6-Trichlorophenol	Dimethylphalate	Delta BHC	Manganese
Bromoform	2,6-Dinitro-2-methylphenol	Ethylbenzene	Dieldrin	Mercury
Carbon Disulfide	2,6-Dinitrotoluene	Fluoranthene	Endosulfan I (Alpha)	Nickel
Carbon tetrachloride	3-Nitroaniline	Fluorene	Endosulfan II (Beta)	Nitrate
Chlorobenzene	3,3'-Dichlorobenzidine	Hexachlorobenzene	Endosulfan Sulfate	Nitrite
Chloroethane	4-Bromophenyl-phenyl-ether	Hexachlorobutadiene	Endrin	Potassium
Chloroethene	4-Chloroaniline	Hexachloroethane	Endrin Aldehyde	Selenium
Chloromethane	4-Chloro-3-methylphenol	Hexachlorocyclopen-tadiene	Endrin Ketone	Silver
Dibromochloromethane	(para-chloro-meta-cresol)	Indeno(1,2,3-cd) pyrene	Gamma BHC (Lindane)	Sodium
Dichloromethane	4-Chlorophenyl-phenyl ether	Isophorone	Gamma Chlordane	Sulfate
Ethylbenzene	4-Methylphenol	N-Nitroso-di-n-dipropylamine	Heptachlor	Thallium
Styrene	4-Nitroaniline	N-nitrosodiphenylamine	Heptachlor Epoxide	Vanadium
Tetrachloroethane	4-Nitrophenol	Naphtalene	Methoxychlor	Zinc
Toluene	Acenaphthene	Nitrobenzene	Toxaphene	
Trichloroethene	Acenaphthylene	Pentachlorophenol		
Trichloromethane	Anthracene	Phenanthrene		
Vinyl acetate	Benzo(a)anthracene	Phenol		
Xylenes (total)	Benzo(a)pyrene	Pyrene		
	Benzo(b)fluoranthene			

PCB - polychlorinated biphenyl
TAL - Target Analyte List

Sampling was originally planned to include 23 nodes of the grid completely within the area of interest, and surface soil samples were to be taken from 0 to 6 inches at each location. As a result of regulatory comments, in order to better sample for VOCs, the sample depth was increased to a uniform depth of 18 to 24 inches. Also as a result of comments, the grid was reoriented to parallel the road and the sample number was increased to 24. These items are listed in the deviations (Section 3).

Surveying was done on August 26 and 27, 1991, by Shaw, Weiss and DeNaples of Dayton, Ohio. The following method was used to establish the sampling grid, using 33-ft centers:

- Mound Plant staff provided a drawing of the proposed tank pad location. The center of the tank containment area was located from surface topography and locatable items in the area of the drawing.

- The alignment of the grid was determined with the help of the surveying crew, and the sample locations were selected by survey. Appendix A contains a figure identifying the hand-spotted field locations and is the best available copy of the field notes. An overlay sketch of the grid used in this study and that used by ANL (Argonne 1990) was added to the Appendix A figure. Figure 2.1 is the sample location map drawn from the survey-provided information. Table II.3 is the surveying summary provided by the surveyors. All the sample locations were staked for surveying.

2.3. SAMPLING IDENTIFICATION

Samples for Area 14 are identified with an MND11 designator. This designator is followed by a 4-digit location code and 4 additional digits for the samples at that location. The first or shallowest sample is designated 0001. Examples are as follows;

MND11-0080-0001 for the first sample assigned to this activity

MND11-0081-0001 for the first sample at the next location

MND11-0081-1001 for a field duplicate to match MND11-0081-0001

MND11-0080-2001 for a trip blank

SW/14/05AUG91 for standing surface water in area with overflow drain, used for radionuclide analysis

SW/14/29JUL91 for standing surface water in area with overflow drain, used for chemical analysis

Sample numbers assigned to the activity started with 0080, which prevents any duplication in location numbers with the previous sampling done during the 1989 sampling activity.

Table II.3. Surveyed Elevations and Coordinate Locations for Samples in Area 14

Location[a]	Elevation (ft)	Ohio State Plane Coordinates	
80	743.30	N597734.43	E1495555.42
81	743.66		
82	740.95		
83	742.38		
84	741.43		
85	739.12	N597715.44	E1495391.52
86	745.15		
87	749.05		
88	749.00		
89	748.71		
90	747.14		
91	748.96		
92	754.05		
93	752.87		
94	747.14		
95	747.05		
96	753.36		
97	753.42		
98	757.89	N597832.77	E1495544.03
99	752.33		
100	755.52		
101	758.02		
102	759.01		
103	759.61	N597813.78	E1495380.13

[a]Figure 2.1

2.4. SAMPLING ACTIVITY

Based on the field notes, information on the field activities is as follows:

The sampling activities began with the collection of a water sample from a small pool of standing water with an overflow drain in the area of the proposed tank location. This depression was apparently created during the remedial actions taken within Area 14 (WD Hillside). The location of the pool is near soil sample location 89. The water was clear and the bottom appeared to be gravel, like the surrounding material. The unfiltered water sample was collected into the appropriate laboratory-prepared sample container, and any required preservatives were added. The first sample was designated SW/14/29JUL91. The container was tightly sealed, labeled, affixed with a custody seal and stored on ice in a sample cooler. The sample was transported under full chain of custody, via overnight delivery, to WESTON Analytical Laboratory in Lionville, Pennsylvania, for analysis. The laboratory batch number for this analysis is 91071303. Because of the numbering system used for the DART system, this sample has been reidentified and designated MND11-0014-0001 for DART entry.

The water sample was analyzed for VOCs, semivolatiles, pesticides, PCBs, metals, and cyanide. The results from these analyses are found in Appendix C. Because data validation was not done for this sample, the case narratives are also included in Appendix C. No organics, including pesticides or PCBs, were identified in the sample except those found in the laboratory blanks. Inorganics identified in the samples included only aluminum, calcium, iron, manganese, and sodium.

A second sample, designated as SW/14/05AUG91, was collected in the same manner as the previous sample and shipped under chain of custody to Acculabs of Boulder, Colorado, under subcontract to WESTON, Lionville. The laboratory batch identification for the sample was 2069-39253-3, sample 1.

The second sample was analyzed for the following radionuclides: cesium-137, tritium, plutonium-238, thorium-228, and thorium-232. The results of the radionuclide analysis are given in Table II.4. Based on the results of the analysis of the surface water sample, verification sampling of the soils was done as planned.

Prior to soil sampling, a 100-ft by 165-ft rectangular sampling grid was established over the area of the proposed fuel oil storage system by a professional land surveyor in the state of Ohio. The grid was broken into 15 squares, 33 ft on each side. The four corner nodal points of the grid were surveyed for location and elevation. The remaining locations were surveyed for elevation only. Each nodal point was marked by a wooden stake, and the location was identified on the stake. The coordinates of the sampling grid were tied into an established benchmark at Mound Plant.

Table II.4. Surface Water Analysis Data for Area 14

Laboratory Designation	2069-39253-3-1
Field Designation	SW/14/05AUG91
Date Collected	08/05/91
	(pCi/L)
Cesium-137 - total	0 ± 1[a]
Tritium - total	980 ± 160[a]
Plutonium-238 - total	0.60 ± 0.13[a]
Thorium-228 - total	0.0 ± 0.1[a]
Thorium-230 - total	0.1 ± 0.1[a]
Thorium-232 - total	0.0 ± 0.1[a]

[a]Variability of the radioactive disintegration process (counting error) at the 95% confidence level, 1.96σ.

Field operations associated with this sampling event followed the "Operable Unit 6, Decontamination and Decommissioning Program, Proposed Area 14 Fuel Oil Storage System, Sampling and Analysis Plan" (DOE 1991b) and the associated Health and Safety Plan. The sampling equipment and procedures used during the investigation were in accordance with the requirements of the Mound Plant ER Program Standard Operating Procedures (SOPs) (DOE 1991a). Applicable SOPs included

1.1, General Instructions for Field Personnel (Revision 1);
1.3, Sample Control and Documentation (Revision 0);
1.4, Sample containers and Preservation (Revision 1);
1.5, Guide to Handling, Packaging, and Shipping Samples (Revision 1);
1.6, General Equipment Decontamination, Level D Protection (Revision 1);
1.8, Personnel Decontamination, Level D Protection (Revision 0); and
5.2, Soil Sampling with Spade and Scoop (Revision 1).

Field activities associated with soil sample collection were monitored by a Mound Plant Health Physics Technician.

Soil samples were collected at each surveyed location at depths of approximately 18 to 24 inches below existing grade. Access to the sampling depth was achieved through excavating a small test pit with the aid of a backhoe. Excavated materials were placed immediately adjacent to the test pit. Test pit excavation was performed just prior to sample collection. Soil that comprised the sample was collected from the bottom of the excavation, after removing approximately 1 to 2 inches of additional soil by hand with the aid of a stainless steel trowel. This was performed to eliminate any potential cross contamination transmitted by the backhoe between excavations. Following sample collection, each excavation was backfilled with the previously excavated material.

Collected soils were immediately placed in the appropriate laboratory-prepared containers. The containers were then tightly sealed, labeled, affixed with a custody seal, and stored on ice in a sampling cooler. Collected samples were transported daily under full chain-of-custody documentation, via overnight delivery, to the WESTON Analytical Services Laboratory in Lionville, Pennsylvania, for analysis. Collected soil samples were analyzed for TCL VOCs, semivolatile organics, pesticides, PCBs, TAL metals and cyanide, and inorganic ions (chloride, sulfate, nitrate, and nitrite).

A portion of each soil sample collected was provided to the Mound Plant Soil Screening Facility for plutonium-238 and thorium-232 screening purposes prior to sample shipment. These results accompanied the analytical samples from the field to the analytical laboratory. Soil screening results are given in Table II.5.

Table II.5. Sample Identifications and Soil Screening Data for Area 14 Samples

WESTON Field Sample Number	WESTON Analytics[a] Sample Number	Field[b] Location	Soil Screening Facility[c]		Notes
			Plutonium-238 (pCi/g)	Thorium-232 (pCi/g)	
MND11-0080-2000	108020	NA	NA	NA	Trip blank (water)
MND11-0080-0001	108001	80	14	1.4	(Soil)
MND11-0080-1001	108011	80	19	2.7	Field duplicate sample (soil)
MND11-0081-0001	108101	81	5	1.1	(Soil)
MND11-0082-0001	108201	82	12	1.1	(Soil)
MND11-0083-0001	108301	83	38	1.1	(Soil)
MND11-0084-0001	108401	84	0	1.1	(Soil)
MND11-0085-0001	108501	85	0	1.3	(Soil)
MND11-0086-0001	108601	86	25	1.0	(Soil)
MND11-0087-0001	108701	87	18	0.7	(Soil)
MND11-0088-0001	108801	88	16	0.9	(Soil)
MND11-0089-0001	108901	89	18	0.8	(Soil)
MND11-0091-0001	109101	91	7	0.9	(Soil)
MND11-0080-2001	108021	NA	NA	NA	Trip blank (water)
MND11-0080-2002	108022	NA	NA	NA	Trip blank (water)
MND11-0090-0001	109001	90	4	1.2	(Soil)
MND11-0092-0001	109201	92	14	0.8	(Soil)
MND11-0092-1001	109211	92	N	N	Field duplicate sample (soil)
MND11-0093-0001	109301	93	23	1.0	(Soil)
MND11-0094-0001	109401	94	11	2.0	(Soil)
MND11-0095-0001	109501	95	15	2.0	(Soil)
MND11-0096-0001	109601	96	12	1.0	(Soil)

Table II.5. (page 2 of 2)

WESTON Field Sample Number	WESTON Analytics[a] Sample Number	Field[b] Location	Soil Screening Facility[c]		Notes
			Plutonium-238 (pCi/g)	Thorium-232 (pCi/g)	
MND11-0097-0001	109701	97	10	1.8	(Soil)
MND11-0098-0001	109801	98	4	1.5	(Soil)
MND11-0099-0001	109901	99	17	1.8	(Soil)
MND11-0100-0001	110001	100	15	1.7	(Soil)
MND11-0101-0001	110101	101	15	1.5	(Soil)
MND11-0102-0001	110201	102	9	1.8	(Soil)
MND11-0102-1001	110211	102	NA	NA	Field duplicate sample (soil)
MND11-0103-0001	110301	103	11	1.8	(Soil)
MND11-BLNK-28AUG91	128A91	NA	NA	NA	Field blank/rinsate sample
MND11-BLNK-29AUG91	129A91	NA	NA	NA	Field blank/rinsate sample

[a]WESTON analytical software packages could not accomodate the original sample number string, so it had to be recodified into a shorter form.
[b]Field sampling locations indicated on Figure 2.1.
[c]Statistical breakdown for these screening values is given in Table V.10.
NA - not applicable

Prior to and between sampling events, all equipment was decontaminated in order to prevent cross contamination. Equipment decontamination consisted of a wash with a solution of Alconox and tap water. Equipment was then rinsed with tap water, followed by a single rinse with methanol, and finally a rinse with deionized water. Hexane was not used during decontamination, as specified in SOP 1.6. The rinsate fluids were turned over to Mound Plant personnel for disposal.

Quality control samples were collected and submitted for analysis in order to assess field quality control. These samples included two rinsate blanks, three trip blanks, and three field duplicates. Rinsate blanks were collected following equipment decontamination and were analyzed for TCL VOCs, TAL metals and cyanide, and inorganic ions (chloride, sulfate, nitrate, and nitrite). Trip blanks were enclosed in every sample cooler submitted to the analytical laboratory. Trip blanks were analyzed for TCL VOCs. Field duplicates were analyzed for TCL VOCs, semivolatiles, pesticides/PCBs, TAL metals and cyanide, and inorganic ions (chloride, sulfate, nitrate, and nitrite). Table II.5 lists the sample identifications, laboratory identifications, and radionuclide soil screening data for the samples.

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3. QUALITY OBJECTIVES OF THE ACTIVITY AND DATA

The analytical data gathered during this activity are ultimately intended to be compared with standards established for the cleanup. These standards are developed by a variety of mechanisms, including

- cleanup standards based on a chosen cleanup technology and on the variability of the applied methodology;
- background standards based on analytical results of areas that are representative of site conditions but that are not contaminated, applied on a site-specific basis;
- regulatory standards based on promulgated values from appropriate regulatory agencies, not site-specific; and
- risk standards based on the carcinogenicity or toxicity and site-specific use scenarios. In themselves, they do not consider false negative or false positive evaluations and are not accompanied by uncertainty measurements. The method of comparison of the analytical data must be defensible, and the uncertainty analysis is supplied as a part of the comparison method.

Table III.1 lists the analytical levels and appropriate data uses. This verification sampling was performed with rigorous quality assurance/quality control and complete data validation and meets Level IV analytical requirements for data and data use. Part of the planning for the activity includes the preparation of a Health and Safety Plan. This is included as Appendix D. The activity meets the requirements of the Verification Work Plan and QAPP (DOE 1992d).

3.1. DATA QUALITY OBJECTIVES AND QUALITY CONTROL

One of the purposes of the sampling activity was to provide defensible and traceable data and data of sufficient quality to support the conclusions drawn from the activity. These data fall into the category established in the Operable Unit 6 Verification Work Plan (DOE 1992d), which includes data needs after D&D, data verifying cleanup of radionuclides to a given level, and data verifying the absence of hazardous chemicals or documenting and quantifying their presence. Even though this activity was not carried out under an approved QAPP, the data needs and quality objectives were identical to those for an activity done under those controls. To meet these needs, the samples were collected, identified, and shipped under strict procedural control; laboratory analysis required strict control; and the resulting data required validation. These controls included use of specified containers with specified cleanliness, proper labeling, chain-of-custody documentation, required cooling during shipment, and adherence to holding times. The work, with the exception of the sample identification, meets the Work Plan and QAPP requirements.

Table III.1. Summary of Analytical Levels Appropriate to Data Uses

Data Uses	Analytical Level	Type of Analysis	Limitations	Data Quality
Site characterization, monitoring during implementation	Level I	Total organic/inorganic vapor detection using portable instruments Field test kits	Instruments respond to naturally occurring compounds.	If instruments calibrated and data interpreted correctly, can provide indication of contamination.
Site characterization, evaluation of alternatives, engineering design, monitoring during implementation	Level II	Variety of organics by GC; Inorganics by AA; XRF Field screening of radionuclides Tentative identification; analyte-specific Detection limits vary from low ppm to low ppb.	Tentative identification Techniques/instruments limited mostly to volatiles and metals.	Dependent on QA/QC steps employed Data typically reported in concentration ranges.
Risk assessment, site characterization, evaluation of alternatives, engineering design, monitoring during implementation	Level III	Organics/inorganics, using EPA procedures other than CLP, can be analyte-specific. RCRA characteristic tests	Tentative identification in some cases Can provide data of same quality as Level IV.	Similar detection limits to CLP Less rigorous QA/QC
Risk assessment, evaluation of alternatives, engineering design	Level IV	TCL organics/inorganics by GC/MS; AA; ICP Low ppb detection limit	Tentative identification of non-TCL parameters Some time may be required for validation of packages.	Goal is data of known quality. Rigorous QA/QC
Risk assessment	Level V	Nonconventional parameters Method-specific detection limits Modification of existing methods	May require method development modification. Mechanism to obtain services requires special lead time.	Method-specific

Ref: EPA 1987b
AA - atomic absorption
CLP - Contract Laboratory Program
EPA - Environmental Protection Agency
GC - gas chromatography
ICP - Inductively coupled plasma
MS - mass spectrometry
ppm - parts per million
ppb - parts per billion
QA/QC - quality assurance/quality control
RCRA - Resource Conservation and Recovery Act
TCL - Target Compound List
XRF - X-ray fluorescence

Potentially all data in the category described above support the ROD and are important to removal of the Site from the NPL. Because the cleanup criteria resulting from the risk assessment have not been completed, preliminary numbers only are available.

Field quality control sampling included the following:

- Field duplicates at locations 80, 92, and 102.
- Trip blanks: 2 bottles per cooler with the same sample identification. These are identified with sample location 80. One blank was taken on August 27, 1991, and two blanks were taken on August 28, 1991.
- Rinsate blanks: 1 rinsate blank for 10 samples was planned. See subsection 3.3.3.2, deficiency 1, for details.

3.2. IDENTIFICATION OF ARARS AND RISK ASSESSMENT-DERIVED CLEANUP STANDARDS

The development of risk-based cleanup goals is not sufficiently complete to provide preliminary values for use in verification activities, and formal ARARs have not been agreed to by the FFA parties. As a result of this lack of formal cleanup levels, the cleanup levels demonstrated for the area evaluated in this study must be reviewed when complete cleanup standards are developed. The analysis techniques used in this study have been chosen to make that comparison as simple as possible. Comparison values are presented whenever possible to provide interim information on the condition of the area. This information is used to provide preliminary conclusions as to the condition of the area.

3.3. QUALITY ASSURANCE AND QUALITY CONTROLS USED IN THIS STUDY

3.3.1. Processes and Procedures Used

The procedures used in this activity are listed in Section 2 of this report. These procedures are those that have been reviewed for use at Mound Plant for both the physical protection of samples and technical information generated from the study and for activities controlled by an approved QAPP.

3.3.2. Identification and Maintenance of Activity Records

Records for this activity are currently maintained by WESTON in their office in Albuquerque, New Mexico. Land surveying was done by Shaw, Weiss and DeNaples. WESTON Analytical Laboratory at Lionville, Pennsylvania, completed all analyses except those radiochemistry analyses done on surface

water samples by Acculabs of Golden, Colorado, under subcontract to the Lionville laboratory. Laboratory data have been transmitted to the Los Alamos National Laboratory, ER Technical Support Office, as required by contract. Data validation was done by C.C. Johnson & Malhothra, P.C., Lakewood, Colorado.

3.3.3. Deviations and Deficiencies from Planned Activities

3.3.3.1. Planned Deviations

The following changes were made from the SAP for this activity (DOE 1991b) and from established WESTON procedures. The list of SOPs used in this activity is found in Section 2 of this report.

1. As a response to OEPA comment 1 on the activity SAP, cyanide, nitrate/nitrate, and chloride/sulfate have been added to the chemical analysis for metals, VOCs, and semivolatile organic compounds. Pesticides and PCBs are also included in the analytical suite for all samples.

2. As a response to OEPA comment 3, the sampling grid area has been rotated with respect to the proposed tank pad location. As a result, one sample has been added to the sample set.

3. As a result of OEPA comment 5, samples were taken at uniform depths of 18 to 24 inches to ensure that samples were appropriate for the analysis of VOCs.

4. As a result of OEPA comments 4 and 6 and because of access problems at Mound Plant, background sampling has been deferred to the Operable Unit 9 background sampling activity. The site originally planned for background sampling may have been subject to runoff and to potential contamination from nearby railroad activities. In addition, the area identified for background sampling would require breaching the Mound Plant main boundary fence while the drill rig was in place.

5. As a response to OEPA comments 7 and 8, 1 rinsate blank for each 10 or fewer samples was planned to be collected.

6. Because of cost and logistic factors, the laboratory performing the analysis was changed from International Technologies Corporation (IT) in Oakridge, Tennessee, to WESTON's laboratory in Lionville, Pennsylvania.

3.3.3.2. Deficiencies from Planned Activities

The following were either not completed or were done in compliance with procedures or planning documents that need to be revised:

1. Rinsate blanks were not collected at the required 1 in 10 ratio, which would have resulted in 3 rinsates blanks. Two rinsate blanks were collected and designated as

MND11-BLNK-28AUG91 and MND11-BLNK-29AUG91. There was no requirement to match the blank with specific equipment or samples. This requirement will be included in future revisions to the procedures.

3.3.4. Summary of Audit Activities Impacting or Evaluating Reported Activities

No audits were done of field or laboratory activities during the work reported on here. Since the laboratory analyses were completed, an audit of the WESTON Lionville Laboratory was conducted by WESTON project staff. This audit was primarily to support Operable Unit 1, groundwater monitoring activities, and the completed audit report will become part of the files For Operable Unit 1.

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4. ANALYTICAL ACTIVITIES

4.1. LABORATORY ANALYSIS

Inorganics were analyzed according to criteria set forth in the EPA's CLP Statement of Work (SOW) dated 3/90 (EPA 1990b). Samples were analyzed according to the criteria in the CLP SOW 02/88 (rev. 05/89) for TCL VOCs. Table II.2 lists the analytes chosen for the chemical analysis.

Water samples did not receive matrix spike/matrix spike duplicate analysis. This apparently happened because the laboratory could not identify the source of a sample from its identification code. The above explanation is based on the communications between the data validators and laboratory staff.

Detection limits given by the laboratory are generally slightly higher than those stated in the SAP. Laboratory-stated detection limits are given in the data tables in Appendix B. Examples of the differences in detection limit values between the SAP and those reported by the laboratory include the following: detection limit value 1 in the SAP is reported as 1.1 by the laboratory; 330 in the SAP was given as 360 by the laboratory; and for 1,600 in the SAP, 1,800 was given by the laboratory. Matrix effects usually increase the detection limits slightly from those developed for pure single component standard solutions. The expected detection limits in the SAP are given with the planning and field information in Appendix A. All values are in μg/kg for organics and mg/kg for inorganics. This does not impact the results for the analysis or the conclusions. Information on detection limits is also found in the section below on data validation.

Data, as an electronic deliverable from the laboratory, were loaded into DART, an analytical data base developed by WESTON. The data base is briefly described in Appendix C. Data tables produced by DART for Area 14 are also found in Appendix C, which includes a data qualifiers identification list. This appendix is for unqualified data as reported by the laboratory.

The data packages were transmitted to C.C. Johnson and Malhotra, P.C., for validation. A set of forms was used as part of the contract to complete data validation. An outline of the elements from the data validation process and the fixed format of the report are given in Table IV.1. A summary of the qualifier changes due to the validation process is given in Appendix E. Data validation resulted in some mercury data and two 2-butanone values being rejected. These are listed in Table IV.2.

Table IV.1. Contents and Format of the Data Validation Report

I. Title - "Report of Data Validation Results"

II. Name of project, operable unit, description of task, project number, and date of report.

III. Case Summary

State the following:

- the case/batch number
- the number of samples and type of matrix
- date of collection
- chain of custody identifier - if any
- type of analysis (discuss if incorrect method used)
- condition of samples when received by laboratory, any lost data

IV. Holding times

Discuss results of holding times and those outside the required holding time.

V. Results of Laboratory Quality Control Checks

For organics, discuss the following where applicable:

A. GC/MS tune
B. Calibration
C. Method Blanks
D. Surrogates
E. Matrix Spike/Matrix Spike Duplicates
F. Internal Standards
G. Compound Identification
H. System Performance
I. Compound Quantitation and Reported
J. Tentatively Identified Compounds

For inorganics, discuss the following where applicable:

A. Calibration
B. Blanks
C. Interference Check Sample (ICS)
D. Laboratory Control Sample (LCS)
E. Duplicate Sample Analysis
F. Matrix Spike Sample Analysis
G. Furnace Atomic Absorption QC
H. ICP Serial Dilution
I. Sample Result Verification

VI. Results of Associated Field Quality Control Checks

A. Field Duplicates
B. Field Blanks (trip blanks, ambient blanks, equipment blanks...etc.)

Table IV.1. (page 2 of 2)

VII. Overall Assessment of Data

- Present table of qualified data.

Discuss overall assessment of data and categorize data in one or more of the following (use these as subsections to this section):

- Data had no problems/or qualified due to minor problems.
- Data qualified due to major problems.
- Data unacceptable.
- Problems, but does not affect data.
- Discuss how all findings in the review could impact the data usability (e.g., including the field blank results).

Table IV.2. Data Rejected through the Data Validation Process

Mercury data were rejected for the following soil samples because matrix spike recoveries were out of control limits.

MND11-0080-0001
MND11-0081-0001
MND11-0082-0001
MND11-0083-0001
MND11-0084-0001
MND11-0085-0001
MND11-0088-0001
MND11-0089-0001
MND11-0091-0001

2-Butanone was rejected in the following aqueous samples because of calibration problems.

MND11-0080-2001
MND11-0080-2002
Rinsate blanks for 28 and 29 August 1991.

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5. DATA ANALYSIS

Assumptions used to develop the data analysis process included the following:

1. Each potential chemical in the analysis would be treated singly for data evaluation.
2. The detection limit would be less than any cleanup standard when the standard is established.
3. All data are assumed to be usable until demonstrated otherwise.
4. Sufficient samples were taken and analyzed to support the verification activity.

5.1. DATA SUMMARY AND INTERPRETATION FROM THE CHEMICAL VERIFICATION

The data from each location were evaluated, and four types of data were identified to be used in the data analysis. These are

- analytes that have nondetect results at all locations,
- analytes that have nondetects and estimates or a small number of detects,
- analytes that were found in some or all of the blanks, and
- analytes that were generally found above the detection limits.

Statistical calculations were performed on a Compaq SLT 286 computer, using the Statistica software package, Release 3.1, by StatSoft Incorporated. The statistical analysis included the range, mean, standard error, standard deviation, confidence interval, skewness, kurtosis, and coefficient of variation. Examples of input and output tables as well as the graphics generated are found in Appendix F.

The following conventions were used in the analyses:

- Values reported as not detected by the laboratory were assigned the value of 1/2 the detection limit for that analysis.
- Values reported as estimates below the stated detection limit were assigned the value of the detection limit for that analysis.
- For duplicate analyses, the average of the duplicate is used.

This protocol is conservative and is consistent with EPA guidance (EPA 1989a).

5.1.1. Analytes with All Data Reported as Nondetected

These data are listed in Table V.1 and have received no further analysis. The area is considered clean for these analytes. Detection limits, as stated by the laboratory, are given in Appendix C for each location. Changes to these analytical values or qualifiers as a result of validation are given in Appendix E.

5.1.2. Analytes Requiring Further Analysis for Interpretation

The following data transformations were made prior to statistical analysis to conform to EPA guidelines (EPA 1989a) and to be consistent with the draft protocol document for the baseline risk assessment (DOE 1991c). Where duplicate samples were reported, the data were averaged to maintain a data set of 24 values. This approach maintains the rank order of the data. This generally provides a two valued data set. It is assumed that evaluating the transformed data for distribution type (i.e., normal, log normal, or nonparametric), using a simple separation method such as the coefficient of variation, provides little usable information. The transformed values were entered into the Statistica package, and basic parameters were calculated. Using three times the calculated standard deviation, the upper confidence limit envelope was calculated. This approach allows for easy comparison to a proposed cleanup level.

5.1.2.1. Data Sets Comprising Nondetect Values and Estimates

This set of data consists of VOCs, semivolatile organic compounds, and the single chemical from the pesticide list that contained estimated values. These chemicals are listed in Table V.2. This table also contains the statistical analysis summary. Proposed standards are given in Table V.3. The few samples that contained estimated values or an occasional value above detection limit are identified with the sample location in Table V.4.

These values pattern primarily to the sample locations 83, 88, 93, and to some extent to location 102. Locations 83, 88, and 93 are located along the slump discussed in the area description (Figure 2.1). These points also lie in the area of the access road that has been removed. The relationship of the road to these sample points is shown in the overlay map in Appendix A for the Argonne and WESTON sampling grids. The analytes forming this pattern are polyaromatic hydrocarbons and are characteristic of coal byproducts, fuel oil or diesel, or asphalt derivatives. In the light of the previous activities of the area, the previous roadway, the slump from an area that includes a road, or the nearby train tracks, numerous sources for these low levels of contaminant materials are possible. The importance of this is that for this group of chemicals, the data are reasonable and indicate that low levels of analytes can

Table V.1. Chemicals Listed Only as Nondetected in Area 14

Volatile Organic Compounds	Semivolatile Organic Compounds		Pesticides and PCBs	TAL Metals and Other Inorganics
1,1-Dichloroethane	1,2-Dichlorobenzene	Acenaphthene	4,4'-DDD	Antimony
1,1-Dichloroethene	1,2,4-Trichlorobenzene	Benzyl alcohol	4,4'-DDE	Beryllium
1,1,1-Trichloroethane	1,3-Dichlorobenzene	bis(2-Chloroethoxy)methane	4,4'-DDT	Cadmium
1,1,2,2-Tetrachloroethane	1,4-Dichlorobenzene	bis(2-Chloroethyl)ether	4,6-Dinitro-o-cresol	Nitrite
1,2-Dichloroethane	2-Chloronapthalene	bis(2-Chloroisopropyl)ether	Aldrin	Selenium
1,2-Dichloroethene (total)	2-Chlorophenol	Butylbenzylphthalate	Alpha BHC	Silver
1,2-Dichloropropane	2-Methylnapthalene	Dibenz(a,h)anthracene	Alpha chlordane	Sodium
1,3-*cis*-Dichloropropene	2-Methylphenol	Dibenzofuran	Aroclor 1016	Thallium
1,3-*trans*-dichloropropene	2-Nitroaniline	Diethyl phthalate	Aroclor 1221	
2-Butanone	2-Nitrophenol	Dimethylphalate	Aroclor 1232	
2-Hexanone	2,4-Dichlorophenol	Di-n-octylphthalate	Aroclor 1242	
4-Methyl-2-pentanone	2,4-Dimethylphenol	Ethylbenzene	Aroclor 1248	
Benzene	2,4-Dinitrophenol	Fluorene	Aroclor 1254	
Bromodichloromethane	2,4-Dinitrotoluene	Hexachlorobutadiene	Aroclor 1260	
Bromoethane	2,4,5-Trichlorophenol	Hexachlorocyclopen-tadiene	Beta BHC	
Bromoform	2,4,6-Trichlorophenol	Hexachloroethane	Delta BHC	
Carbon tetrachloride	2,6-Dinitro-2-methylphenol	Isophorone	Endosulfan I (Alpha)	
Chlorobenzene	2,6-Dinitrotoluene	N-Nitroso-di-n-dipropylamine	Endosulfan II (Beta)	
Chloroethane	3-Nitroaniline	N-nitrosodiphenylamine	Endosulfan Sulfate	
Chloroethene	3,3'-Dichlorobenzidine	Naphtalene	Endrin	
Chloromethane	4-Bromophenyl-phenyl-ether	Nitrobenzene	Endrin Aldehyde	
Dibromochloromethane	4-Chloroaniline	Pentachlorophenol	Endrin Ketone	
Styrene	4-Chloro-3-methylphenol	Phenanthrene	Gamma BHC (Lindane)	
Tetrachloroethane	(para-chloro-meta-cresol)	Phenol	Gamma Chlordane	
Trichloroethene	4-Chlorophenyl-phenyl ether		Heptachlor	
Trichloromethane	4-Methylphenol		Heptachlor Epoxide	
Vinyl acetate	4-Nitroaniline		Methoxychlor	
Xylenes (total)	4-Nitrophenol		Toxaphene	

PCB - polychlorinated biphenyl
TAL - Target Analyte List

Table V.2. Summary Table for Organics with Estimated Values Below or Values Above the Detection Limit and the Statistical Analyses for these Analytes, Partial Area 14 Verification[a]

Analyte	Minimum[b,c,d]	Maximum[b,d]	Mean[e]	Standard Deviation	3 Standard Deviations	Upper 3 Standard Deviations Limit[f]	Nominal Laboratory Detection Limit
Anathracene	170.0	262.5	185.6	17.7	53.1	238.7	360
Benzo(a)anthracene	175.0	355.0	196.6	47.0	141.0	337.6	360
Benzo(a)pyrene	175.0	350.0	196.4	46.2	138.6	335.0	360
Benzo(b)fluoranthene	175.0	350.0	196.3	46.2	138.6	334.9	360
Benzo(g,h,i)perylene	175.0	350.0	192.8	37.1	111.3	304.1	360
Benzo(k)fluoranthene	175.0	350.0	196.4	46.2	138.6	335.0	360
Benzoic acid	850.0	1,750.0	966.3	186.1	558.3	1,524.6	1,800
Bis(2-ethylhexyl)phthalate	262.5	390.0[g]	355.0	31.0	93.0	448.0	360
Carbon disulfide	3.0	7.5	3.2	0.9	2.7	5.9	6.0
Crysene	175.0	350.0	192.8	37.1	111.3	304.1	360
Dieldrin	8.5	44.5	11.6	7.7	23.1	34.7	18
Di-n-butylphthalate	170.0	360.0	189.5	37.0	111.0	300.5	360
Fluoranthene	175.0	360.0	215.1	65.3	195.9	411.0	360
Indeno(1,2,3-cd)pyrene	175.0	350.0	192.8	37.1	111.3	304.1	350
Phenanthrene	175.0	350.0	204.1	51.7	155.1	359.2	350
Pyrene	175.0	350.0	207.6	58.0	74.0	381.6	360
Toluene	3.0	4.5	3.1	0.3	0.9	4.0	6.0

[a]All units in μg/kg. Based on number of samples - 1 = degrees of freedom. Data shifted to 1/2 and 1 times the detection limit.
[b]Based on the detection limit for that sample as reported by the laboratory.
[c]Minimum value in adjusted data set
[d]Maximum value or maximum adjusted value in data set
[e]Based on sample number = 24.
[f]The sum of the mean and standard deviation.
[g]Based on an average of nondetect and an estimated value below the detection limit.

Table V.3. Comparison Table with Proposed Soil Standards for Organics in Area 14[a]

Compound	Mean (µg/kg)	Upper 3 SD Limit (µg/kg)	Proposed 40 CFR 264 Subpart S (mg/kg)
Anathracene	185.6	238.7	
Benzo(a)anthracene	196.6	337.6	
Benzo(a)pyrene	196.4	335.0	
Benzo(b)fluoranthene	196.3	334.9	
Benzo(g,h,i)perylene	192.8	304.1	
Benzo(k)fluorantene	196.4	335	
Benzoic acid	966.3	1,524.6	
Bis(2-ethylhexyl)phthalate	355	448	
Carbon disulfide	3.2	5.9	8,000
Crysene	192.8	304.1	
Dieldrin	11.6	34.7	
Di-n-butylphthalate	189.5	300.5	
Fluoranthene	215.1	411	3,200
Indeno(1,2,3-cd)pyrene	192.8	304.1	
Phenathrene	204.1	359.2	
Pyrene	207.6	381.6	24,000
Toluene	3.1	4.0	20,000

[a]Proposed standards are for reference only.
CFR - Code of Federal Regulations
µg/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
SD - standard deviation

Table V.4. Identification of Compounds that can be Correlated with Specific Sample Locations

Analyte	Location Where Estimated Below Detection Limit	Location Where Found Above Detection Limit
Benzoic acid	83	
Carbon disulfide		80
Chrysene	83 93[a] 93[a] 102	
Cyanide		86 88 89
di-n-Butylphthalate	96 102	
Anthracene	93	
Benzo(a)anthracene	83 93	
Benzo(a)pyrene	83 93	
Benzo(b)fluoranthene	83 93	
Benzo(g,h,i)perylene	83 93	
Benzo(k)fluoranthene	83 93	
Dieldrin	80 102	
Fluoranthene	83 87 88 91 93 102	
Indeno(1,2,3-cd)pyrene	83 93	
Mercury		80 R[b] 87
Phenanthrene	83 88 93 102	
Pyrene	83 88 93 102	

[a]When found in field duplicates, 2 identifications will be given.
[b]Rejected by data validation process; value for point is undetermined.

be patterned within the area. It would appear that, at least with respect to the detection limits, the area would not be considered contaminated with any of these chemicals.

5.1.2.2. Cases with the Analyte Found in the Field or Laboratory Blanks

The chemicals in this group were dichloromethane and acetone. As a result of data validation, all values for organic chemicals found in laboratory blanks were qualified as undetected. The one exception to this was acetone in MND11-0080-2000, found at 310 μg/L. This is a trip blank, not a soil sample. No acetone was used in the field, and no explanation exists for this estimated value. The value is low and does not impact the validity of the results for acetone in soil samples.

5.1.2.3. Cases with the Analyte Occurring Above the Detection Limit

The fourth class of data is restricted to those analytes that are naturally occurring and are inorganics that would be expected to be in the environment. In many cases, these data tend to be bimodal because of apparent changes across the sample area. These data were also entered into the statistical package, and standard statistical parameters were calculated. Table V.5 identifies and provides a statistical summary for these analytes. Table V.6 compares the values for these analytes in rocks and soils from various sources. The analyte data can be easily compared to these numbers and indicate that, even at the three standard deviation upper limit, the values are within the rock and soil values for the cases where comparison values are available. The proposed standards are given with the data for comparison in Table V.6.

During the data analysis for this activity, it was found that the data for much of this group of analytes had a somewhat bimodal distribution. A pattern for these constituents can be established based on location. Locations 94, 95, 96, 97, 98, 99, 100, 101, and 102 are on the upper or north side of the sample grid and in the area where the shale and limestone bedrock is least covered by till fill or soil. These locations are given in the field maps in Appendix A. Figure 5.1 shows the concentration changes for these locations for chromium, copper, and aluminum. A graph of the statistical distribution of aluminum is shown as an example of the bimodal tendency in Figure 5.2. Other examples are given in Appendix F.

For location 91, the zinc value is considerably higher than the three standard deviation upper limit. This appears to be a true outlier. The high zinc value does not correlate with a high value for any other metal. There is no certain explanation for this high zinc value. Data validation left no questions concerning the laboratory analysis. The only other unusual analysis of this sample was that this was the only case where sulfur was tentatively identified during semivolatile analysis. This identification

Table V.5. Summary Table for Inorganics in Partial Area 14 Verification Analysis[a]
(Analytes reported only as nondetected are not listed)

Compound	Minimum	Maximum	Mean[b]	Standard Deviation	3 Standard Deviations	Upper Limit Based on 3 Standard Deviations
Aluminum	1,820	12,600	6,298	3,621	10,863	17,161
Arsenic	1.05	5.2	3.1	1.2	3.6	6.7
Barium	19.5	61.9	23.1	8.3	24.9	48
Calcium	29,200	174,000	102,479	47,563	142,689	245,168
Chloride	3.1	60.1	19.4	15.12	45.36	64.76
Chromium	4.0	17.7	9.0	4.9	14.7	29
Cobalt	4.9	18.6	8.8	5.3	15.9	24.7
Copper	6.45	23.6	14.3	5.08	15.2	29.5
Cyanide	0.5	2.4	0.7	0.5	1.5	2.2
Iron	7,400	31,900	16,654	8,160	24,480	41,134
Lead	3.0	23.3	8.0	4.6	13.9	21.9
Magnesium	7,010	48,300	27,391	13,904	41,712	69,103
Manganese	229	806	422	154	462	884
Mercury[c]	0.05	0.3	0.1	0.06	0.18	0.28
Mercury[d]	0.05	0.16	0.6	0.03	0.09	0.69
Nickel	3.9	28.9	14.7	9.2	27.6	42.3
Nitrate	0.7	35.8	8.7	9.2	27.6	36.3
Potassium	489	1,920	864	475	1,425	2,289
Sulfate	30.8	3,440	457	697	2,091	2,548
Vanadium	14.8	21.7	18.1	2.03	6.09	24.19
Zinc	19.6	1,180	85.1	233	699	784

[a]All units are mg/kg. Calculations based on number of samples - 1 = degrees of freedom.
[b]Sample number = 24 except where noted.
[c]All data used n = 24.
[d]Rejected data not used n = 15.
n is the number of values in the set.

Table V.6. Inorganic Comparison Values for Rock and Soils (mg/kg)

Compound	This Study		Proposed 40 CFR 264 Subpart S[a]	Rock[b]		Soil[c]			
	Mean	3 SD		Shale	Limestone	Dayton Area	Ohio	U.S. Eastern	U.S.
Aluminum	6,298	17,161		major	4,200	mean		7,000->100,000	700->100,000
Arsenic	3.1	6.7	80	13	1		5.2-22	<1.0-7.3	<1.0-97
Barium	23.1	48	4,000	580	10		300-700	10-1,500	10-5,000
Calcium	102,479	245,168						100-280,000	100-320,000
Chloride	19.4	64.8							
Chromium	9.0	29	400	90	11		15-100	1-1,000	1-2,000
Cobalt	8.8	24.7		19	0.1			<3.0-70	<3.0-70
Copper	14.3	29.5	2,960	45	4	15	7.0-70	<1.0-700	<1.0-700
Cyanide	0.7	2.2							
Iron	166,654	41,134		major	major			100->100,000	100-100,000
Lead	8.0	21.9		20	9	25	15-30	<10-300	<10-700
Magnesium	27,391	69,103						50-50,000	50->100,000
Manganese	422	884	8,000	850	1,100			<2.0-7,000	<2.0-7,000
Mercury (Non-reject values)	0.6	0.69	20	0.4	0.04	0.250	0.03-0.59	<0.01-3.4	<0.01-4.6
Nickel	14.7	42.3	2,000	68	20		15-50	<5.0-700	<5.0-700
Nitrate	8.7	36.3							
Potassium	864	2,289						50-37,000	50-63,000
Sulfate	457	2,548							
Vanadium	18.1	24.2	560	130	20		20-150	<7.0-300	<7.0-500
Zinc	85.1	784	16,000	45	20	55	25-110	50-2,900	<5.0-2,900

[a]FR 1990
[b]Drever 1982
[c]Dragun and Chiasson 1991
SD - standard deviation

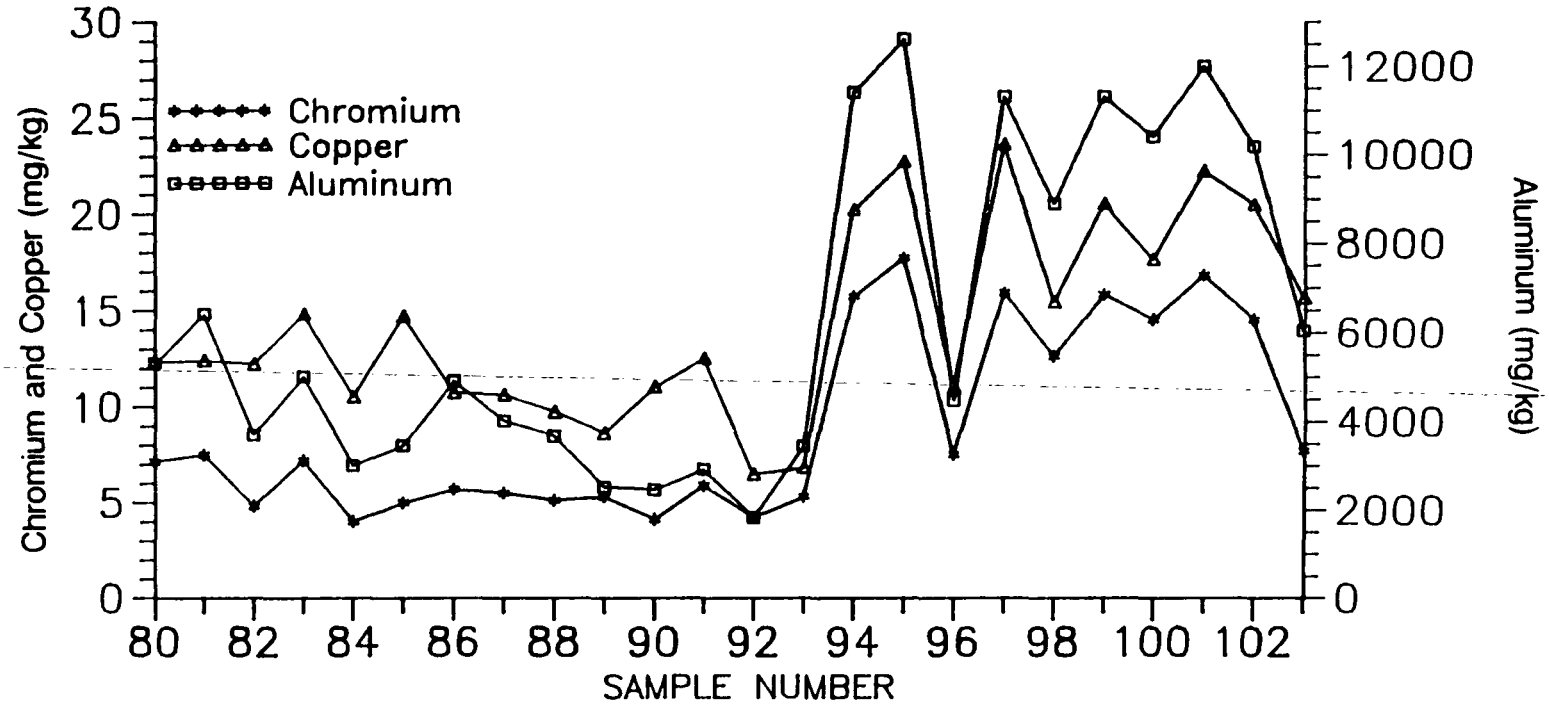

Figure 5.1. Chromium, Copper, and Aluminum concentrations in Area 14 soil samples.

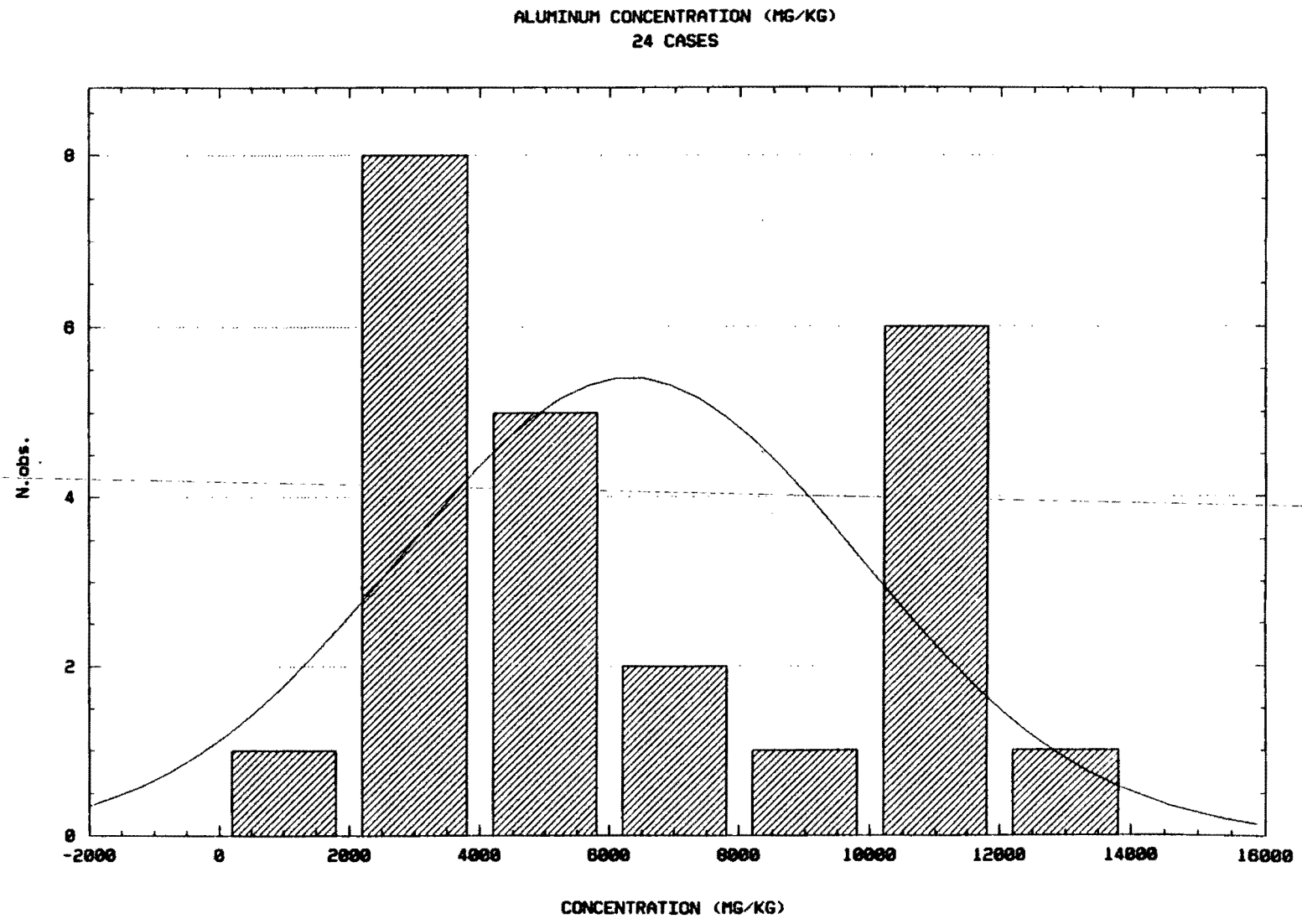

Figure 5.2. Distributuion of aluminum concentration data.

is associated with a broad peak associated with a molecule made up of eight sulfur atoms. Sulfur can be present in a sample due to biological reduction. However, sulfur is usually digested during sample preparation. The most common zinc-sulfur compound is sphalerite (zinc sulfide).

5.2. SUMMARY OF RADIONUCLIDE VERIFICATION FROM OTHER STUDIES

Table V.7 lists the soil screening data from this study and the radionuclide data from the ANL sampling (1990). The ANL data from locations inside the sampling grid established for this study were used for this table. The ANL data from the 12 samples taken subgrade should represent data similar to the set from samples taken in this study; however, the range of the two sample sets is different. The ANL sample set contained one point that was approximately four times the next lowest point. This analysis was from ANL grid area D04 and shows a value for plutonium-238 of 240.0 ± 30 pCi/g. This location is near the sample point 94 from this study. This sample 0094 has a normal value. This higher level of contamination must be assumed to be rather localized. The ANL data indicated that the 100-pCi/g Mound Plant cleanup standard had been attained. Mound Plant-generated data cover the remainder of Area 14 of interest, and these data indicated that the stated standard had been reached. From this information, the Mound Plant restricted release level has been reached for the portion of Area 14 evaluated in this study. Based on a comparison of averages and a three-standard-deviation upper limit, the 25-pCi/g Mound Plant unrestricted release standard has been met. Based on the ANL surface data, it is difficult to state with assurance that the area is clean when it may be, in fact, not clean. The surface values meet the more restrictive cleanup standard while the subsurface set does not. The combined set is only slightly below the 25 pCi/g standard. Since the surface values may have been influenced by fill added to the area, further information is needed to substantiate the conclusion for unrestricted release. This is beyond the scope of this report.

Presently, data for radionuclides other than plutonium-238 and thorium-232 are not available for inclusion. An addendum or revision to this report is planned to address the other radionuclides of concern in this subsection of Area 14.

Table V.7. Statistics for Radionuclide Soil Screening Data for Locations in Partial Area 14 Verification (All values in pCi/g)

This Study

Radionuclide	Minimum	Maximum	Mean	Standard Deviation	3 x Standard Deviations	Upper 3 Standard Deviations Limit
Plutonium-238	0.0	38	13.1	8.4	25.	38.2
Thorium-232	0.7	2.0	1.3	0.4	1.3	2.6

ANL Study

Radionuclide	Minimum	Maximum	Mean	Standard Deviation	3 x Standard Deviations	Upper 3 Standard Deviations Limit
Plutonium-238						
Surface N = 12	0.8	54.0	11.6	15.3	45.9	57.4
Depth[a] N = 12	1.1	240.8	36.6	66.2	198.6	235.2
Combined Data N = 24	0.8	240.0	24.1	48.7	146.1	170.2

Reference: ANL 1990
[a]List of depths are given in Appendix A, in the data with the field location map.
Note: Argonne study locations used in this summary analysis are A03, A04, B02, B03, C03, D02, D03, D04, E02, E04, F03, which fall within the grid for this study.
ANL - Argonne National Laboratory
N - The number of samples in the set.

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6. SUMMARY AND CONCLUSIONS

Because cleanup standards based on ARARs or risk-based studies have not been established for Mound Plant, the verification results presented in this report will be subject to reevaluation as these levels are developed and become finalized. In addition, only a portion of Area 14 was sampled during this activity. Verification is not complete for Area 14, and the data presented here will need to be combined with the additional data before the verification is complete. If it is determined that other analytes are of concern in the area, these will require sampling and analysis.

For the four groups of analytes evaluated, there is no reason to expect that the area is chemically contaminated, even though no cleanup standards are available. The analytes listed in Table V.1 were not detected. The analytes found in the analytical blanks are common to organics analysis and do not appear to be the result of contaminated soil samples; the only chemicals in this class are dichloromethane, acetone, and bis(2-ethylhexyl)phthalate. Data validation qualified these chemicals as estimated undetects. Of the inorganics identified with the area, all are naturally occurring in the soils and rocks of the region in levels that would be accounted for by the reference values provided. The remaining chemicals are organics. These are primarily aromatic hydrocarbons found only at levels at or below the detection limit and are limited to a small group of sample locations. The other chemicals, including Dieldrin, are found at low levels and usually identified as estimates below the detection limit. These are limited to a small number of samples and are not systematically distributed in the area sampled. Unless very low cleanup standards are established, these would not indicate a contamination problem.

All the radionuclide results for plutonium-238 indicate that the area is clean to below the restricted release level for plutonium-238. Thorium-232 levels are sufficiently low to indicate that the area meets release standards. Other radionuclide data taken after cleanup activities are not available or do not exist. For any of these radionuclides for which cleanup standards may be developed, cleanup is indeterminate.

The analysis method used in this study is extremely conservative. The data listed as nondetected have been set at one-half the detection limit, and data estimated below the detection limit have been set at the detection limit for all the statistical analyses. The three standard deviation upper limit and the mean have been used for comparison purposes. The upper limit is at the 99.7% confidence level. This is consistent with the null hypothesis that the area is not clean until it is proved to be clean. This also indicates that if an error is made, it should be in the determination that the area is contaminated when it is not, rather than that it is clean when, in fact, it is contaminated.

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A

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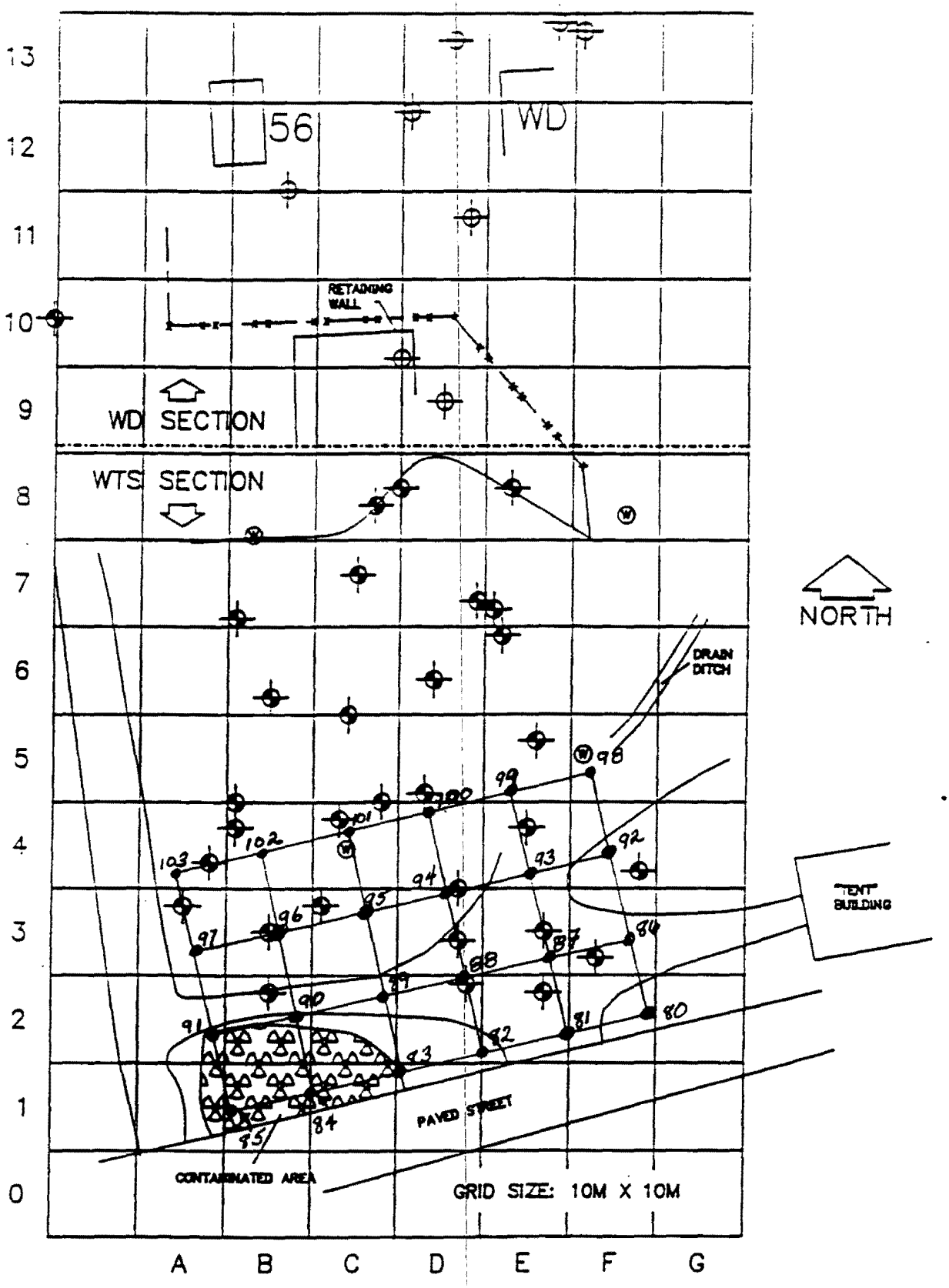
APPENDIX A

FIELD MAPS

ARGONNE NATIONAL LABORATORY DATA



SAMPLE LOCATION

BOREHOLE SAMPLE LOCATION

MONITORING WELL

Figure 2. WTS/WD Sampling Site (ANL Sampling Grid)

ANL sampling Grid

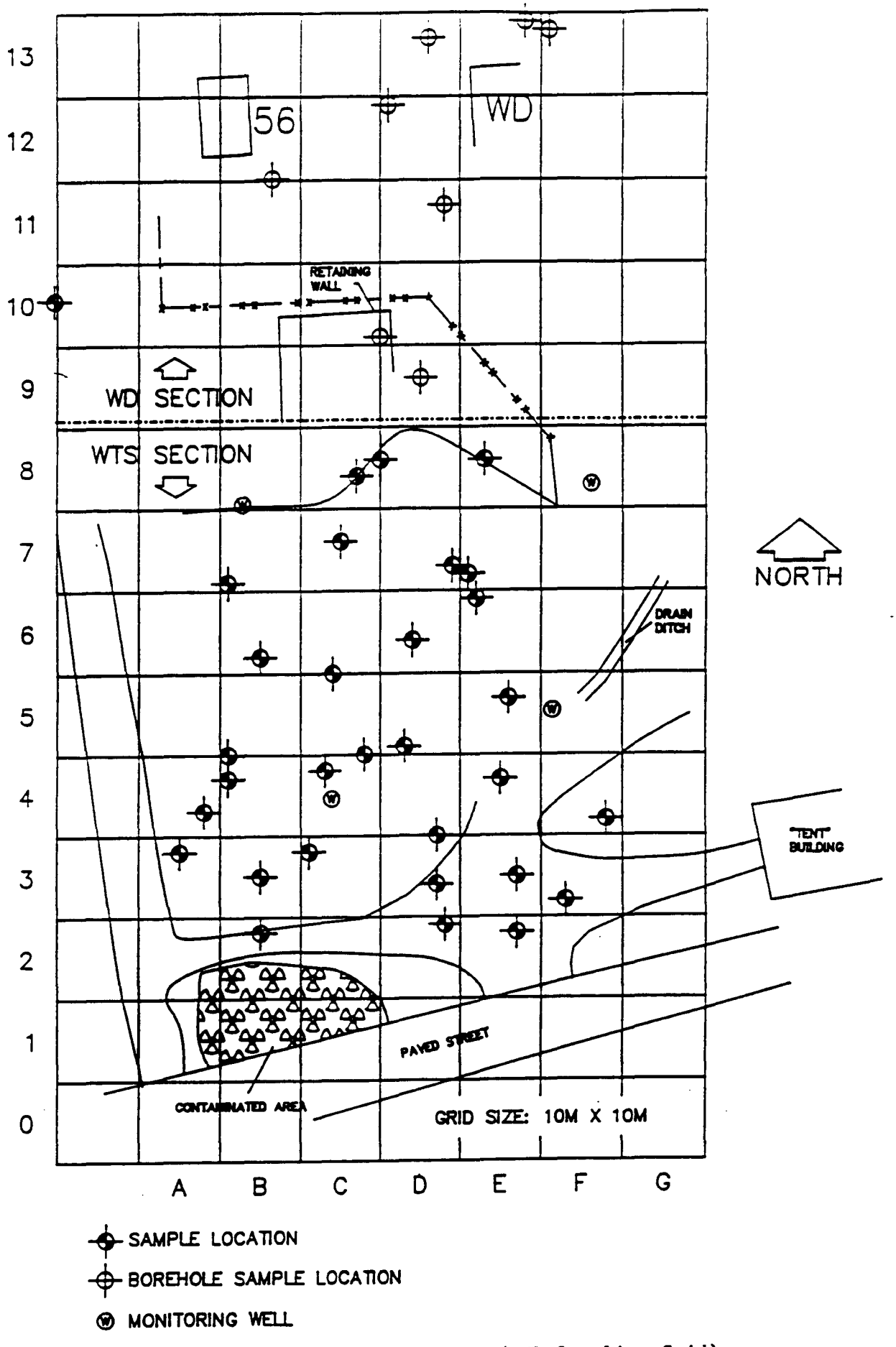
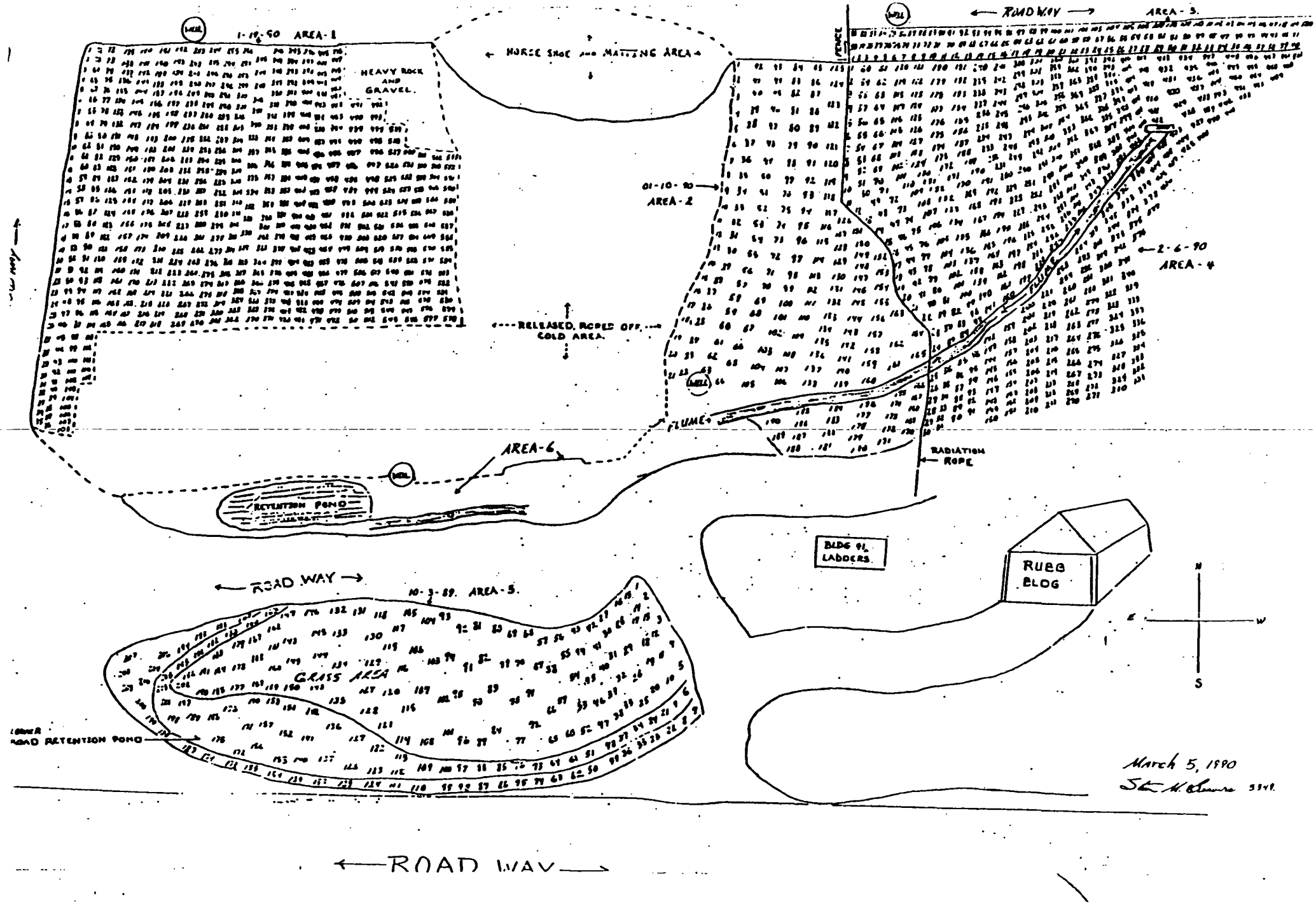
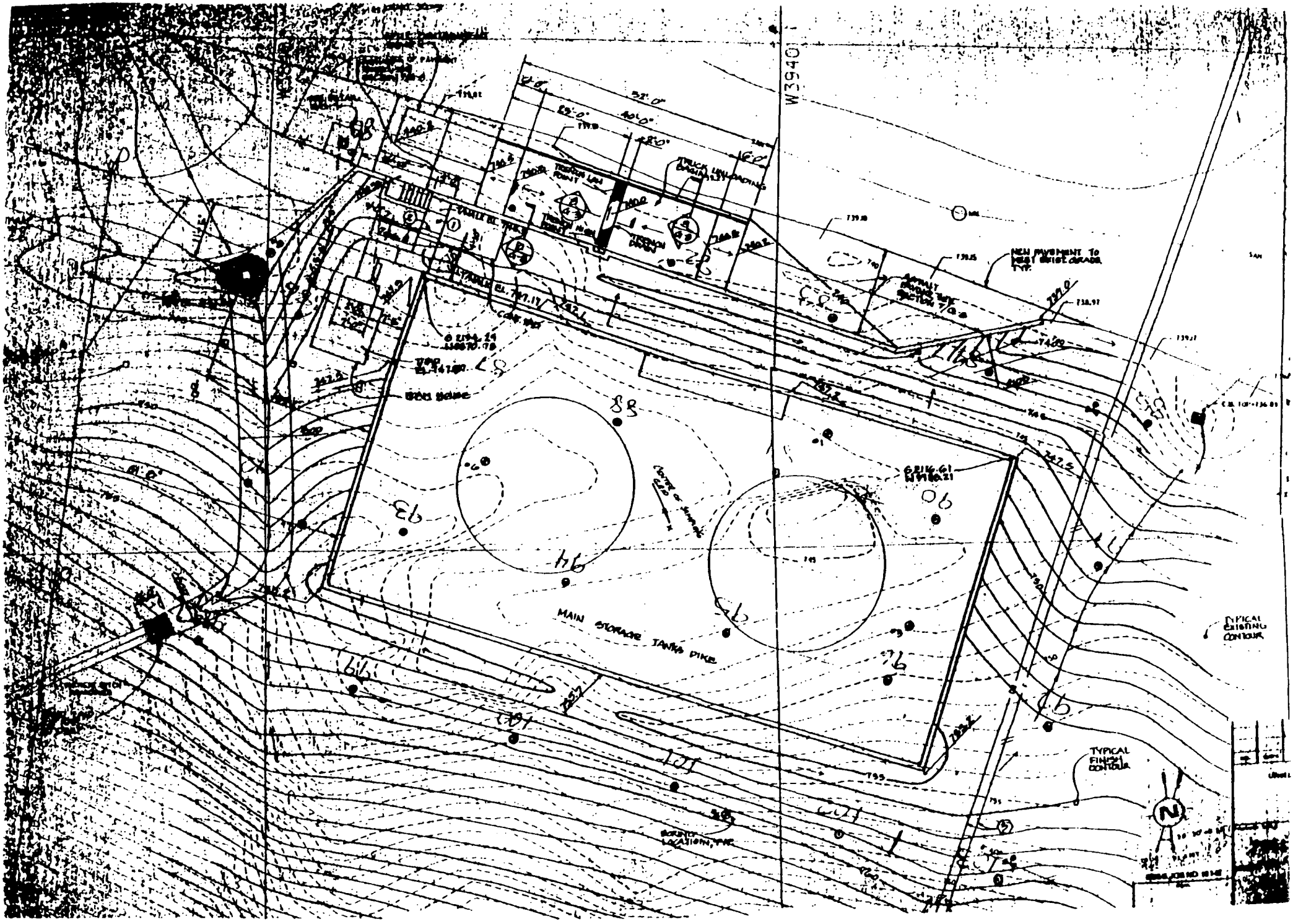


Figure 2. WTS/WD Sampling Site (ANL Sampling Grid)


1-19-90 AREA-1
HEAVY ROCK AND GRAVEL
HORSE SHOE MATCHING AREA
ROAD WAY
AREA-3
FENCE
01-10-90
AREA-2
2-6-90
AREA-4
RELEASED, ROPED OFF, COLD AREA
FLUME
AREA-6
RETENTION POND
RADIATION ROPE
BLDG 91 LADDERS
RUBB BLDG
N
E
W
S
ROAD WAY
10-3-89 AREA-5
GRASS AREA
LOWER ROAD RETENTION POND
ROAD WAY
March 5, 1990


W3940
MAIN STORAGE TANKS DIKE
TYPICAL FINISH CONTOUR
TYPICAL EXISTING CONTOUR
NEW PAVEMENT TO MEET EXIST. GRADE TYP.
BORING LOCATION, TYP.
N

SOIL SAMPLE Pu-238 CONCENTRATION DATA

Sample #	ANL Grid ID	Depth (M)	pCi/g (Dry)	
042	A03	0.6	13.0 ± 1	(**)
043	B03	0.6	11.0 ± 1	
044	B02	0.6	5.7 ± 0.7	
045	C04	0.5	9.2 ± 1.2	
046	C05	0.5	0.1 ± 0.1	
047	D05	0.4	0.3 ± 0.1	
048	D06	0.5	2.1 ± 0.3	
049	D07	0.6	0.4 ± 0.2	
050	E06	0.6	4.8 ± 0.6	
051	E07	0.6	4.7 ± 1.5	
052	E05	0.2	32.0 ± 4	
053	E04	0.5	61.0 ± 7	
054	C08	0.6	0.7 ± 0.1	
055	E08	0.5	0.3 ± 0.1	
056	D08	0.6	3.7 ± 0.5	
057	B07	0.5	5.1 ± 0.8	
058	B06	0.5	2.9 ± 0.4	
059	C06	0.5	2.2 ± 0.3	
060	C07	0.3	2.5 ± 0.4	
061	BK1	2.9	2.8 ± 0.4	

SOIL SAMPLE Pu-238 CONCENTRATION DATA

Sample #	ANL Grid ID	Depth (M)	pCi/g (Dry)
022	E03	0	1.7 ± 0.3
023	E04	0	3.7 ± 0.6
024	E05	0	9.2 ± 1.5
025	E06	0	10.0 ± 2
026	E07	0	4.1 ± 0.6
027	F03	0	10.0 ± 1
028	F04	0	22.0 ± 4
029	A04	0	0.8 ± 0.2
030	A03	0	1.4 ± 0.2
031	D03	0.6	16.0 ± 2
032	E03	0.5	2.9 ± 0.5
033	F04	0.6	13.0 ± 2
034	F03	0.5	32.0 ± 5
035	E02	0.5	33.0 ± 6
036	D02	0.5	12.0 ± 1
037	D04	0.6	240.0 ± 30
038	C03	0.6	1.1 ± 0.2
039	B04	0.5	32.0 ± 4
040	B05	0.5	2.7 ± 0.4
041	A04	0.5	12.0 ± 2

SOIL SAMPLE COORDINATE TABLE

Sample #	ANL Grid ID	Depth (M)	pCi/g (Dry)
062	BK2	0.6	0.3 ± 0.1
063	BK1	3.4	0.3 ± 0.1
064	D09	3.1	0.6 ± 0.1
065	D10	2.3	1.5 ± 0.3
066	D11	2.3	0.4 ± 0.2
067	D12	4.1	0.5 ± 0.1
068	D13	4.1	2.0 ± 0.3
069	E13	4.1	1.2 ± 0.2
070	F13	4.6	0.4 ± 0.2
071	BK2	0	1.5 ± 0.4

Note: (*) Duplicate #015 31.0 ± 4

(**) Duplicate #042 15.0 ± 2

B

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APPENDIX B

PROPOSED AREA 14 FUEL OIL STORAGE SYSTEM
SAMPLING AND ANALYSIS PLAN
COMMENT RESPONSES

US DOE MOUND PLANT
RI/FS
OPERABLE UNIT 6, DECONTAMINATION AND DECOMMISSIONING PROGRAM
PROPOSED AREA 14 FUEL OIL STORAGE SYSTEM
SAMPLING AND ANALYSIS PLAN
JUNE 1991
OHIO ENVIRONMENTAL PROTECTION AGENCY

I. GENERAL COMMENT

OEPA 1. In order to meet the requirements of the CERCLA program, verification sampling can not be limited to analysis for plutonium, TCL and TAL. Verification sampling must be conducted for the full suite of potential radionuclide contaminants. A list of other radionuclide contaminants known to be present in the WTS is given on pages 1-5 and 1-8. In addition to radionuclides on that list, cesium-137, cobalt-60, tritium and potassium-40 (known radionuclide contaminants on-site) and strontium-90, technetium-99 (suspected radionuclide contaminants) should be sampled for during the verification sampling. Whether or not the plutonium cleanup level was sufficient to meet the CERCLA risk range, will be dependent upon the number of other contaminants present and the combined risk to human health and the environment.

RESPONSE As is stated in the plan, the sampling activity is limited to the portion of Area 14 to be reused as a tank storage location. Because of the pad and construction this portion of area 14 and the adjacent area will be inaccessible in the future. The purpose of the sampling activity is to determine the existence of chemical contamination in the area and does not address the radionuclides. Radionuclide verification and the specific radionuclide analytes will be dealt with when the final verification is planned. At that time, verification of plutonium, thorium, cesium-137, cobalt-60, tritium, potassium-40 or technetium-99 will be readdressed. Neither potassium-40 or technetium-99 are suspected contaminants at the Mound Plant. The selection of radionuclides that will be part of the final verification for the total of Area 14 will be addressed in the sampling and analysis plan is to be of a level of quality sufficient to support risk assessment and verification. The radionuclide sampling is within the scope of the Mound Decontamination and Decommissioning operations. Appendix A presents the Argonne National Laboratory radionuclide data for Pu-238.

II. SPECIFIC COMMENTS

OEPA 1. Section 2.2, Page 2-1, 3rd Paragraph

In addition to the TCL and TAL analytes, the following constituents should be analyzed for as a part of the chemical characterization:nitrate-nitrite, chloride/sulfate, USATHAMA-listed explosives (OU9 Work Plan, Soils Sampling).

RESPONSE The chemical analysis schedule has been modified to include nitrate-nitrite and chloride/sulfide analysis at all locations. This information should add to the knowledge of the material spilled and its extent. The contamination at Area 14 was caused by a break in a plutonium transfer line. There is no process information or existing analytical data that would indicate that explosives were part of the contamination of this area. USATHAMA-listed explosives have not been added to the analysis.

OEPA 2. Section 2.2, Page 2-1, Last Paragraph

Statistical justification should be provided to support the use of the 10 meter grid.

RESPONSE The choice of the 10-meter grid size chosen for this activity is based on the grid used for radionuclide analysis by ANL (see Appendix A). Heuristics and the discussion by ANL indicate this is a reasonable choice. The choice of this grid allows for a matching of data frequency criteria.

OEPA 3. Section 2.2, Page 2-2, Figure 2.1

DOE must align the proposed sampling grid with the proposed sampling area. Locating the proposed sampling grid on a pattern rotated from the proposed sampling area results in a number of nodes falling outside the sampling area. Aligning the sampling grid with the sampling area will result in a larger number of sample locations and better statistical support. In addition, as currently drawn at least one node falls within the sampling area but is not designated as a sample location.

RESPONSE The area has been realigned to correspond to the most recent plans for the tank facility. A portion of the sample area remains outside the boundary of Area 14. This information should add to the understanding of where the boundaries are and should be established if chemical contamination is found during the sample activity proposed. One sample location has been added to the number planned.

OEPA 4. Section 2.2, Page 2-3, Last Paragraph

a) A figure should be provided detailing the location of the background samples.
b) DOE should provide the reasoning for determining baseline concentrations of non-naturally occurring constituents. Acceptable levels of non-naturally occurring contaminants will only be determined based upon a risk assessment.

RESPONSE Because of the access problems in the area described for background sampling, no specific locations were identified at greater location detail than those described in the plan. This allows for some flexibility in choice of locations based on soil coverage and logistics for sampling and other geologic factors. This also allows for evaluation of local runoff. Maps will be provided based on the locations chosen and the survey activities.

Risk assessment will be used to determine acceptable levels of non-naturally occurring contaminants.

OEPA 5. Section 3, Page 3-1, First Paragraph

VOCs readily volatilize from surface soils, thus VOCs are not likely to be detected. VOC samples should be collected from subsurface soils, preferably 18"-24" in depth.

RESPONSE The areas described for analysis is covered by gravel and other fill material. Mechanical removal of this material will be made as shortly before the samples will be taken as possible. This should assure that the soil samples are from depth. The soil thickness under the fill will impact the overall sample depth as well. Field notes will cover full descriptions of the samples.

OEPA 6. Section 3, Page 3-1, 2nd Paragraph

Dependent upon the sampling locations chosen, it would appear from Figure 9.2 in the OU9 Work Plan that this area may be subject to runoff from the Mound Plant. If the area does receive plant runoff, the locations will not provide good background samples. It should also be noted that this area may be subject to airborne deposition of site contaminants as well as contaminants related to railroad activity in the area.

RESPONSE See response to comment 4.

OEPA 7. Section 5.1, Page 5-2, Table V.1

See general comment #1 and specific comment #1 for additional analytes.

RESPONSE See the response to the general comment and to specific comment 1 for added information.

OEPA 8. Section 5.3, Page 5-3

One rinsate blank for every 10 or fewer samples should be collected and analyzed.

RESPONSE One rinsate blank will be taken for every 10 or fewer samples.

OEPA 9. Section 5.3, Page 5-4, Table V.2

See comment #8.

RESPONSE One rinsate blank will be taken for every 10 or fewer samples.

OEPA 10. Section 7, Page 7-3, 2nd Paragraph

A complete reference for "Gilbert 1987" should be provided in Section 8 References.

RESPONSE Gilbert, R.O., Statistical Methods for Environmental Pollution Monitoring, Van Nostrand Reinhold Company, Inc., New York, NY. (1987)

OEPA 11. Appendix A, Page 4, Figure 2

Were the monitoring wells located on Figure 2 installed as a part of the D&D project in this area or the Argonne study? If the wells were a part of the Area 14 cleanup, provide reasons for the wells and sampling data from them.

RESPONSE This material is a preexisting report and was produced by Argonne National Laboratory. The locations marked "W" are not monitoring wells but were installed by the Mound Plant D&D program for dewatering the area during cleanup if needed. These are not part of a sampling program.

C

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APPENDIX C

ANALYTICAL METHODS, PARAMETERS, AND QUANTITATION LIMITS - SOIL/SEDIMENT SAMPLES

QUALIFIER LISTS

LABORATORY DATA

DART SYSTEM DESCRIPTION

Table VI.1. Analytical Methods, Parameters, and Quantitation Limits Soil/Sediment Samples

Parameters	Analytical Methods	Quantitation Limits[a] (µg/kg)
1. Volatile Organic Compounds, Soil/Sediment	CLP SOW[b]	Low Soil/ Sediment[c]
Chloromethane		10
Bromomethane		10
Vinyl Chloride		10
Chloroethane		10
Methylene chloride		5
Acetone		10
Carbon disulfide		5
1,1-Dichloroethene		5
1,1-Dichloroethane		5
1,2-Dichloroethene (total)		5
Chloroform		5
1,2-Dichloroethane		5
2-Butanone		10
1,1,1-Trichloroethane		5
Carbon Tetrachloride		5
Vinyl Acetate		10
Bromodichloromethane		5
1,2-Dichloropropane		5
cis-1,3-dichloropropene		5
Trichloroethene		5
Dibromochloromethane		5
1,1,2-Trichloroethane		5
Benzene		5
trans-1,3-dichloropropene		5
Tribromomethane		5
4-Methyl-2-pentanone		10
2-Hexanone		10
Tetrachloroethene		5
Toluene		5
1,1,2,2-Tetrachloroethane		5
Chlorobenzene		5
Ethylbenzene		5
Styrene		5
Xylenes (total)		5

Table VI.1. (page 2 of 5)

Parameters	Analytical Methods	Quantitation Limits[a] (µg/kg)
2. Semivolatile Organic Compounds	CLP SOW[b]	Low Soil/ Sediment[c]
Phenol		330
bis(2-chloroethyl) ether		330
2-Chlorophenol		330
1,3-Dichlorobenzene		330
1,4-Dichlorobenzene		330
Benzyl alcohol		330
1,2-Dichlorobenzene		330
2-Methylphenol		330
bis(2-chloroisopropyl) ether		330
4-Methyphenol		330
N-nitroso-di-n-dipropylamine		330
Hexachloroethane		330
Nitrobenzene		330
Isophorone		330
2-Nitrophenol		330
2,4-Dimethylphenol		330
Benzoic acid		1600
bis(2-chloroethoxy) methane		330
2,4-Dichlorophenol		330
1,2,4-Trichlorobenzene		330
Naphthalene		330
4-Chloroaniline		330
Hexachlorobutadiene		330
4-chloro-3-methylphenol (para-chloro-meta-cresol)		330
2-Methylnaphthalene		330
Hexachlorocyclopentadiene		330
2,4,6-Trichlorophenol		330
2,4,5-Trichlorophenol		1600
2-Chloronaphthalene		330
2-Nitroaniline		1600
Dimethylphthalate		330
Acenaphthylene		330
2,6-Dinitrotoluene		330
3-Nitroaniline		1600
Acenaphthene		330

Table VI.1. (page 3 of 5)

Parameters	Analytical Methods	Quantitation Limits[a] (µg/kg)
2. Semivolatile Organic Compounds (continued)	CLP SOW[b]	
2,4-Dinitrophenol		1600
4-Nitrophenol		1600
Dibenzofuran		330
2,4-Dinitrotoluene		330
Diethylphthalate		330
4-Chlorophenyl-phenyl ether		330
Fluorene		330
4-Nitroaniline		1600
4,6-Dinitro-2-methylphenol		1600
N-nitrosodiphenylamine		330
4-bromophenyl-phenylether		330
Hexachlorobenzene		330
Pentachlorophenol		1600
Phenanthrene		330
Anthracene		330
Di-n-butylphthalate		330
Fluoranthene		330
Pyrene		330
Butylbenzylphthalate		330
3,3'-Dichlorobenzidine		660
Benzo(a)anthracene		330
Chrysene		330
bis(2-Ethylhexyl)phthalate		330
Di-n-octylphthalate		330
Benzo(b)fluoranthene		330
Benzo(k)fluoranthene		330
Benzo(a)pyrene		330
Indeno(1,2,3-cd)pyrene		330
Dibenz(a,h)anthracene		330
Benzo(g,h,i)perylene		330
3. Pesticides and PCBs	CLP SOW[b]	Low soil/sediment
alpha-BHC		8.0
beta-BHC		8.0
delta-BHC		8.0
gamma-BHC (Lindane)		8.0
Heptachlor		8.0

Table VI.1. (page 4 of 5)

Parameters	Analytical Methods	Quantitation Limits[a] (µg/kg)
3. Pesticides and PCBs (continued)	CLP SOW[b]	
Aldrin		8.0
Heptachlor epoxide		8.0
Endosulfan I		8.0
Dieldrin		16.0
4,4'-DDE		16.0
Endrin		16.0
Endosulfan II		16.0
4,4'-DDD		16.0
Endosulfan sulfate		16.0
4,4'-DDT		16.0
Methoxychlor		80.0
Endrin ketone		16.0
alpha-Chlordane		80.0
gamma-Chlordane		80.0
Toxaphene		160.0
Aroclor-1016		80.0
Aroclor-1221		80.0
Aroclor-1232		80.0
Aroclor-1242		80.0
Aroclor-1248		80.0
Aroclor-1254		160.0
Aroclor-1260		160.0
4. Metals (Target Analyte List)	CLP SOW[b]	(mg/kg)
Aluminum		40
Antimony		12
Arsenic		2
Barium		40
Beryllium		1
Cadmium		1
Calcium		1000
Chromium		2
Cobalt		10
Copper		5
Iron		20
Lead		0.6
Magnesium		1000
Manganese		3

Table VI.1. (page 5 of 5)

Parameters	Analytical Methods	Quantitation Limits[a] (µg/kg)
4. Metals (Target Analyte List) (continued)	CLP SOW[b]	(mg/kg)
Mercury		0.04
Nickel		8
Potassium		1000
Selenium		1
Silver		2
Sodium		1000
Thallium		2
Vanadium		10
Zinc		4
		(mg/kg)
5. Cyanide	CLP SOW[b]	2

[a] For non-CLP analyses, these are method detection limits based on reagent grade water or a purified solid matrix. Actual quantitation limits may be higher depending upon the nature of the sample matrix. The limit reported on final laboratory reports will take into account the actual sample volume or weight, percent moisture (where applicable), and the dilution factor, if any.

[b] "U.S. EPA Contract Laboratory Program, Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration." SOW No. 2/88, including revisions 9/88 and 6/89 or most recent version. Quantitation limits are CRQLs.

[c] Medium Soil/Sediment CRQLs are 125 times the low soil/sediment CRQLs for volatile organic compounds and 60 times the low soil/sediment CRQLs for semivolatile organic compounds. Estimated detection limits for metals in soil are based on a 1-gram sample diluted to 200 mL.

CLP = Contract Laboratory Program
SOW = Statement of Work
PCBs = polychlorinated biphenyls
CRQLs = contract-required quantitation limits

WESTON

GLOSSARY OF PEST/PCB DATA

DATA QUALIFIERS

U - Indicates that the compounds was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).

J - Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.

E - Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.

I - Interference.

ABBREVIATIONS

BS - Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.

BSD - Indicates blank spike duplicate.

MS - Indicates matrix spike.

MSD - Indicates matrix spike duplicate.

DL - Indicates that recoveries were not obtained because the extract had to be diluted for analysis.

NA - Not applicable.

DF - Dilution factor.

NR - Not required.

WESTON

GLOSSARY OF BNA DATA

DATA QUALIFIERS

U = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.

J = Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero; for example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.

B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.

E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.

I = Interference.

A = Aldol Condensation Product.

X = Additional qualifiers used as required are explained in the case narrative.

NQ = Result qualitatively confirmed but not able to quantify.

ABBREVIATIONS

BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.

BSD = Indicates blank spike duplicate.

MS = Indicates matrix spike.

MSD = Indicates matrix spike duplicate.

DL = Indicates that surrogate recoveries were not obtained because the extract had to be diluted for analysis.

NA = Not applicable.

DF = Dilution factor.

NR = Not required.

WESTON

GLOSSARY OF VOA DATA

DATA QUALIFIERS

U = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.

J = Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero; for example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.

B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.

E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.

I = Interference.

X = Additional qualifiers used as required are explained in the case narrative.

NQ = Result qualitatively confirmed but not able to quantify.

ABBREVIATIONS

BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.

BSD = Indicates blank spike duplicate.

MS = Indicates matrix spike.

MSD = Indicates matrix spike duplicate.

DL = Indicates that surrogate recoveries were not obtained because the extract had to be diluted for analysis.

NA = Not applicable.

DF = Dilution factor.

NR = Not required.

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GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

U - Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.

* - Indicates that the original sample result is greater than 4x the spike amount added. The USEPA-CLP has determined that spike results on samples where this occurs may be unreliable and therefore, the control limits are not applicable.

ABBREVIATIONS

MB - Method or preparation blank
MS - Matrix Spike
MSD - Matrix Spike Duplicate.
REP - Sample Replicate.
LC - Indicates a method LCS or Blank Spike.
NC - Not calculable, result below the detection limit.

A suffix of -R and -S following these codes indicates a replicate and spike analysis respectively.

ANALYTICAL METAL METHODS

As :	EPA 206.2	Se :	EPA 270.2
Pb :	EPA 239.2	ICP Scan :	EPA 200.7
Hg :	EPA 245.1	All Others :	EPA 200.7
Tl :	EPA 279.2	EP Leachates (except Hg) :	200.7

The analytical methods applied by the laboratory for the determination of drinking water is 5.2.1.

NOTES

The laboratory prepares a matrix spike at one per 20 frequency for TCLP samples. The Federal Register recommends that all matrix spikes be prepared at greater than 50% of the indigenous analyte concentration. A matrix duplicate is also prepared.

Holding times for soil samples have not been promulgated by the USEPA.

For solid samples, all results are reported on a dry weight basis.

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
% SOLIDS	0080	08/27/91	0001	1.5- 2.0	%		80.8	0.10	RWL	-
	0080	08/27/91	1001	1.5- 2.0	%		86.0	0.10	RWL	-
	0081	08/27/91	0001	1.5- 2.0	%		90.0	0.10	RWL	-
	0082	08/27/91	0001	1.5- 2.0	%		91.5	0.10	RWL	-
	0083	08/27/91	0001	1.5- 2.0	%		93.2	0.10	RWL	-
	0084	08/27/91	0001	1.5- 2.0	%		92.4	0.10	RWL	-
	0085	08/27/91	0001	1.5- 2.0	%		92.2	0.10	RWL	-
	0086	08/27/91	0001	1.5- 2.0	%		90.8	0.10	RWL	-
	0087	08/27/91	0001	1.5- 2.0	%		90.2	0.10	RWL	-
	0088	08/27/91	0001	1.5- 2.0	%		92.7	0.10	RWL	-
	0089	08/27/91	0001	1.5- 2.0	%		89.3	0.10	RWL	-
	0090	08/28/91	0001	1.5- 2.0	%		91.2	0.10	RWL	-
	0091	08/27/91	0001	1.5- 2.0	%		93.4	0.10	RWL	-
	0092	08/28/91	0001	1.5- 2.0	%		92.7	0.10	RWL	-
	0092	08/28/91	1001	1.5- 2.0	%		95.0	0.10	RWL	-
	0093	08/28/91	0001	1.5- 2.0	%		93.8	0.10	RWL	-
	0094	08/28/91	0001	1.5- 2.0	%		89.1	0.10	RWL	-
	0095	08/28/91	0001	1.5- 2.0	%		82.7	0.10	RWL	-
	0096	08/28/91	0001	1.5- 2.0	%		92.6	0.10	RWL	-
	0097	08/28/91	0001	1.5- 2.0	%		87.0	0.10	RWL	-
	0098	08/28/91	0001	1.5- 2.0	%		87.8	0.10	RWL	-
	0099	08/28/91	0001	1.5- 2.0	%		89.4	0.10	RWL	-
	0100	08/28/91	0001	1.5- 2.0	%		88.4	0.10	RWL	-
	0101	08/28/91	0001	1.5- 2.0	%		84.7	0.10	RWL	-
	0102	08/28/91	0001	1.5- 2.0	%		86.5	0.10	RWL	-
	0102	08/28/91	1001	1.5- 2.0	%		86.3	0.10	RWL	-
	0103	08/28/91	0001	1.5- 2.0	%		90.5	0.10	RWL	-
1,1,1-TRICHLOROETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,1,1-TRICHLOROETHANE	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,1,2,2-TETRACHLOROETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,1,2,2-TETRACHLOROETHANE	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,1,2-TRICHLOROETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,1,2-TRICHLOROETHANE	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,1,2-TRICHLOROETHANE	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,1-DICHLOROETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,1-DICHLOROETHANE	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,1-DICHLOROETHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,1-DICHLOROETHENE	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,2,4-TRICHLOROBENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,2,4-TRICHLOROBENZENE	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
1,2-DICHLOROBENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,2-DICHLOROBENZENE	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
1,2-DICHLOROETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,2-DICHLOROETHANE	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,2-DICHLOROETHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,2-DICHLOROETHENE	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,2-DICHLOROPROPANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,2-DICHLOROPROPANE	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,3-CIS-DICHLOROPROPENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,3-CIS-DICHLOROPROPENE	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,3-DICHLOROBENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,3-DICHLOROBENZENE	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
1,3-TRANS-DICHLOROPROPENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,3-TRANS-DICHLOROPROPENE	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
1,4-DICHLOROBENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,4-DICHLOROBENZENE	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2,4,5-TRICHLOROPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2,4,5-TRICHLOROPHENOL	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
2,4,6-TRICHLOROPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2,4,6-TRICHLOROPHENOL	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2,4-DICHLOROPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2,4-DICHLOROPHENOL	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2,4-DIMETHYLPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MWD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2,4-DIMETHYLPHENOL	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2,4-DINITROPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2,4-DINITROPHENOL	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
2,4-DINITROTOLUENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2,6-DINITROTOLUENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2,6-DINITROTOLUENE	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2-BUTANONE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-BUTANONE	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
2-CHLORONAPHTHALENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-CHLORONAPHTHALENE	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2-CHLOROPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-CHLOROPHENOL	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2-HEXANONE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-HEXANONE	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
2-METHYLNAPHTHALENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-METHYLNAPHTHALENE	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2-METHYLPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE.	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-METHYLPHENOL	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
2-NITROANILINE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-NITROANILINE	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
2-NITROPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-NITROPHENOL	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
3,3'-DICHLOROBENZIDINE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	810.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	760.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	760.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	700.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	710.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	690.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	690.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	710.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	710.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	690.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	720.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	700.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	700.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	740.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	730.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	710.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	710.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	710.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	690.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	700.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	740.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	790.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	720.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
3,3'-DICHLOROBENZIDINE	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	750.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	740.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	730.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	740.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	790.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	770.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	750.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	730.	RWL	1.00
3-NITROANILINE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MWD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
3-NITROANILINE	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
4,4'-DDD	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
4,4'-DDE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4,4'-DDE	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
4,4'-DDT	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4,4'-DDT	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
4,6-DINITRO-O-CRESOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4,6-DINITRO-O-CRESOL	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
4-BROMOPHENYL-PHENYL ETHER	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
4-CHLORO-3-METHYLPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4-CHLORO-3-METHYLPHENOL	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
4-CHLOROANILINE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4-CHLOROANILINE	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
4-CHLOROPHENYL-PHENYLETHER	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4-CHLOROPHENYL-PHENYLETHER	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
4-METHYL-2-PENTANONE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4-METHYL-2-PENTANONE	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
4-METHYLPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4-METHYLPHENOL	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
4-NITROANILINE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4-NITROANILINE	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
4-NITROPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
4-NITROPHENOL	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
ACENAPHTHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ACENAPHTHENE	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
ACENAPHTHYLENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ACENAPHTHYLENE	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
ACETONE	0080	08/27/91	0001	1.5- 2.0	UG/KG	B	58.	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	B	11.	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	B	15.	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	B	52.	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	B	23.	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	B	64.	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	B	31.	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	B	12.	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	B	21.	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	B	44.	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	B	56.	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	JB	10.	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG		31.	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	B	33.	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG		25.	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	B	22.	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG		33.	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	B	48.	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	B	16.	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG		21.	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	B	18.	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	B	20.	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	B	13.	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	B	20.	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	B	24.	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	B	46.	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	B	51.	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	B	34.	11.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	B	17.	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	B	32.	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	B	25.	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	B	34.	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	B	19.	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	B	18.	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ACETONE	0100	08/28/91	0001	1.5- 2.0	UG/KG	JB	11.	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	B	21.	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	B	20.	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	B	19.	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	B	21.	11.	RWL	1.00
ALDRIN	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	9.8	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	19.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.9	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	44.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.0	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.7	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.3	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	2.00
ALPHA CHLORDANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	98.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	190.	RWL	2.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ALPHA CHLORDANE	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	440.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	90.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	97.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	93.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	2.00
ALPHA-BHC	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	9.8	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	19.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.9	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	44.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ALPHA-BHC	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.0	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.7	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.3	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	2.00
ALUMINUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		5850.	48.3	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		4740.	43.9	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		6420.	42.8	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		3690.	41.9	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		5010.	42.3	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		3000.	42.2	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		3460.	40.8	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		4910.	43.3	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		4010.	44.3	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		3660.	42.3	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		2510.	41.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		2450.	42.0	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		2910.	39.1	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		1600.	40.1	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		2040.	38.7	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		3440.	41.5	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		11400.	44.1	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		12600.	47.9	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		4470.	41.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		11300.	43.5	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		8880.	43.2	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		11300.	41.0	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		10400.	43.1	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		12000.	46.1	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		10800.	44.7	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		9550.	42.6	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ALUMINUM, TOTAL	0103	08/28/91	0001	1.5- 2.0	MG/KG		6040.	42.2	RWL	1.0
ANTHRACENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	44.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
ANTIMONY, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	14.5	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	13.2	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	12.8	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ANTIMONY, TOTAL	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	12.6	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	12.7	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	12.7	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	12.3	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	13.0	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	13.3	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	12.7	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	12.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	12.6	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	11.7	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	12.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	11.6	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	12.4	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	13.2	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	14.4	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	12.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	13.0	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	13.0	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	12.3	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	12.9	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	13.8	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	13.4	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	12.8	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	12.7	RWL	1.0
AROCLOR-1016	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	98.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	190.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	440.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
AROCLOR-1016	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	90.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	97.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	93.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	2.00
AROCLOR-1221	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	98.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	190.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	440.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	90.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	97.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	93.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	2.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
AROCLOR-1232	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	98.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	190.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	440.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	90.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	97.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	93.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	2.00
AROCLOR-1242	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	98.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	190.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	440.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
AROCLOR-1242	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	90.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	97.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	93.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	2.00
AROCLOR-1248	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	98.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	190.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	440.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	90.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	97.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	93.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
AROCLOR-1248	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	2.00
AROCLOR-1254	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	200.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	370.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	890.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	330.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	190.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	190.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	2.00
AROCLOR-1260	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	200.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	370.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
AROCLOR-1260	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	890.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	330.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	190.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	190.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	2.00
ARSENIC, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		5.6	4.9	RWL	2.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		4.2	2.2	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		2.7	2.0	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		4.6	2.1	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		4.8	2.0	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		2.3	2.0	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		5.2	2.1	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		2.4	2.1	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		3.7	2.2	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		3.6	2.1	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		3.5	2.2	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		4.1	2.1	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		2.7	2.1	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		6.2	2.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		2.6	2.0	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		2.4	2.1	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		3.7	2.2	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		3.4	2.4	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ARSENIC, TOTAL	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		2.2	2.0	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		2.1	2.1	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		2.6	2.3	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		3.0	2.1	RWL	1.0
BARIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	48.3	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	43.9	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	42.8	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	41.9	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	42.3	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	42.2	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		67.2	40.8	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	43.3	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	44.3	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	42.3	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	41.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		61.9	42.0	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	39.1	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	40.1	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	38.7	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	41.5	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	44.1	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	47.9	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	41.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	43.5	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		76.7	43.2	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	41.0	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	43.1	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	46.1	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	44.7	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	42.6	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	42.2	RWL	1.0
BENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BENZENE	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BENZENE	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
BENZO(A)ANTHRACENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	39.	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	48.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	110.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	100.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BENZO(A)PYRENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BENZO(A)PYRENE	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	33.	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	44.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	91.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	100.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BENZO(B)FLUORANTHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	36.	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	76.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BENZO(B)FLUORANTHENE	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	92.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	60.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BENZO(G,H,I)PERYLENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	51.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BENZO(G,H,I)PERYLENE	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	95.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	44.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BENZO(K)FLUORANTHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	30.	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	65.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BENZO(K)FLUORANTHENE	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	73.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	120.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BENZOIC ACID	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	JB	53.	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BENZOIC ACID	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
BENZYL ALCOHOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BENZYL ALCOHOL	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BERYLLIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.98	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	0.97	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
BETA-BHC	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	9.8	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	19.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BETA-BHC	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.9	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	44.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.0	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.7	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.3	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	2.00
BIS(2-CHLOROETHOXY)METHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BIS(2-CHLOROETHOXY)METHANE	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BIS(2-CHLOROETHYL)ETHER	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BIS(2-CHLOROETHYL)ETHER	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BIS(2-CHLOROISOPROPYL)ETHER	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BIS(2-CHLOROISOPROPYL)ETHER	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
BIS(2-ETHYLHEXYL)PHTHALATE	0080	08/27/91	0001	1.5- 2.0	UG/KG	J	110.	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	J	260.	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	J	61.	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	140.	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	130.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	J	45.	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	J	46.	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	J	110.	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	J	190.	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	J	180.	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	J	280.	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	J	140.	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	J	110.	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	J	160.	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	J	100.	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	J	200.	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	J	210.	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	J	110.	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	J	160.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	76.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	J	120.	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	J	57.	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	J	81.	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	J	170.	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	J	150.	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	J	120.	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	J	130.	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	J	46.	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	J	53.	380.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BIS(2-ETHYLHEXYL)PHTHALATE	0102	08/28/91	1001	1.5- 2.0	UG/KG	J	90.	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	J	53.	370.	RWL	1.00
BROMODICHLOROMETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BROMODICHLOROMETHANE	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
BROMOFORM	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BROMOFORM	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
BROMOMETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MWD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BROMOMETHANE	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
BUTYL BENZYL PHTHALATE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE.	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
BUTYL BENZYL PHTHALATE	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
CADMIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.98	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	0.97	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CADMIUM, TOTAL	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
CALCIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		144000.	1210.	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		130000.	1100.	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		132000.	1070.	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		174000.	1050.	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		92300.	1060.	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		128000.	1060.	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		117000.	1020.	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		151000.	1080.	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		131000.	1110.	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		128000.	1060.	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		154000.	1040.	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		109000.	1050.	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		127000.	978.	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		191000.	1000.	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		157000.	968.	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		151000.	1040.	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		29200.	1100.	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		29500.	1200.	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		117000.	1040.	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		31600.	1090.	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		50700.	1080.	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		79400.	1020.	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		58800.	1080.	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		40300.	1150.	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		31200.	1120.	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		52600.	1060.	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		75800.	1050.	RWL	1.0
CARBON DISULFIDE	0080	08/27/91	0001	1.5- 2.0	UG/KG		9.	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CARBON DISULFIDE	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
CARBON TETRACHLORIDE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CARBON TETRACHLORIDE	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CARBON TETRACHLORIDE	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
CHLORIDE BY IC	0080	08/27/91	0001	1.5- 2.0	MG/KG		13.7	1.5	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		10.6	1.5	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		10.8	1.4	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		14.0	1.4	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		15.4	1.3	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		33.9	1.3	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		3.9	1.4	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		15.4	1.4	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		10.1	1.4	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		16.2	1.3	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		12.5	1.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		20.0	1.4	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		41.8	1.3	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		2.9	1.3	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		3.3	1.3	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		3.1	1.3	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		11.0	1.4	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		11.3	1.5	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		39.4	1.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		25.2	1.4	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		6.9	1.4	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		16.5	1.4	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		16.3	1.4	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		51.5	1.5	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		66.3	1.4	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		53.9	1.4	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		15.7	1.4	RWL	1.0
CHLOROBENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CHLOROBENZENE	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
CHLOROETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CHLOROETHANE	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CHLOROETHANE	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
CHLOROFORM	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CHLOROFORM	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
CHLOROMETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CHLOROMETHANE	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
CHROMIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		8.0	2.4	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		6.3	2.2	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		7.5	2.1	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		4.8	2.1	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		7.2	2.1	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		4.0	2.1	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		5.0	2.0	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		5.7	2.2	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		5.5	2.2	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		5.1	2.1	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		5.3	2.1	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		4.1	2.1	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		5.9	2.0	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		3.1	2.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		5.2	1.9	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		5.3	2.1	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		15.7	2.2	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		17.7	2.4	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		7.5	2.1	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		15.9	2.2	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		12.6	2.2	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		15.8	2.1	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		14.5	2.2	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		16.8	2.3	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CHROMIUM, TOTAL	0102	08/28/91	0001	1.5- 2.0	MG/KG		15.6	2.2	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		13.3	2.1	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		7.7	2.1	RWL	1.0
CHRYSENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	43.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	110.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	100.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	J	77.	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
COBALT, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	12.1	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
COBALT, TOTAL	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	11.0	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.7	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.5	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.6	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.6	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.2	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.8	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	11.1	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.6	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	10.5	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	9.8	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	10.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	9.7	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	10.4	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		15.4	11.0	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		16.7	12.0	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	10.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		15.0	10.9	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		11.0	10.8	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		17.5	10.2	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		18.6	10.8	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		17.0	11.5	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		17.4	11.2	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		13.7	10.6	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	10.5	RWL	1.0
COPPER, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		12.7	6.0	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		12.0	5.5	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		12.4	5.3	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		12.2	5.2	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		14.8	5.3	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		10.5	5.3	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		14.7	5.1	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		10.7	5.4	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		10.6	5.5	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		9.7	5.3	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		8.6	5.2	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		11.0	5.2	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		12.5	4.9	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
COPPER, TOTAL	0092	08/28/91	0001	1.5- 2.0	MG/KG		6.4	5.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		6.5	4.8	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		6.8	5.2	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		20.2	5.5	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		22.7	6.0	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		11.0	5.2	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		23.6	5.4	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		15.4	5.4	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		20.5	5.1	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		17.6	5.4	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		22.2	5.8	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		21.2	5.6	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		19.7	5.3	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		15.6	5.3	RWL	1.0
CYANIDE, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		2.4	1.1	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		2.1	1.1	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		1.4	1.1	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MMD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CYANIDE, TOTAL	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
DELTA-BHC	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	9.8	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	19.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.9	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	44.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.0	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.7	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.3	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	2.00
DI-N-BUTYL PHTHALATE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
DI-N-BUTYL PHTHALATE	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	J	87.	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	J	43.	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
DI-N-OCTYL PHTHALATE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
DI-N-OCTYL PHTHALATE	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
DIBENZ(A,H)ANTHRACENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
DIBENZ(A,H)ANTHRACENE	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
DIBENZOFURAN	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
DIBENZOFURAN	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
DIBROMOCHLOROMETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
DIBROMOCHLOROMETHANE	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
DICHLOROMETHANE-METHYLENE CHLORIDE	0080	08/27/91	0001	1.5- 2.0	UG/KG	B	62.	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	B	64.	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	B	60.	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	B	70.	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	B	64.	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	B	98.	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	B	30.	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	B	92.	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	B	52.	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	B	110.	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	B	46.	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	B	98.	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	B	31.	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	B	42.	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	B	35.	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	B	48.	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	B	31.	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	B	53.	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	B	27.	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	B	24.	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	B	34.	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	B	22.	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	B	28.	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
DICHLOROMETHANE-METHYLENE CHLORIDE	0092	08/28/91	1001	1.5- 2.0	UG/KG	B	41.	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	B	24.	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	B	37.	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	B	29.	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	B	36.	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	B	33.	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	B	31.	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	B	35.	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	B	27.	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	B	37.	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	B	24.	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	B	23.	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	B	59.	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	B	39.	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	B	45.	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	B	41.	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	B	37.	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	B	52.	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	B	43.	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	B	44.	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	B	42.	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	B	31.	6.	RWL	1.00
DIELDRIN	0080	08/27/91	0001	1.5- 2.0	UG/KG	J	9.8	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
DIELDRIN	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	J	16.	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
DIETHYL PHTHALATE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
DIETHYL PHTHALATE	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
DIMETHYL PHTHALATE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ENDOSULFAN I(ALPHA)	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	9.8	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	19.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.9	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	44.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.0	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.7	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.3	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	2.00
ENDOSULFAN II(BETA)	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ENDOSULFAN II(BETA)	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
ENDOSULFAN SULFATE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ENDOSULFAN SULFATE	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
ENDRIN	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
ENDRIN ALDEHYDE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ENDRIN ALDEHYDE	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
ENDRIN KETONE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	20.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	37.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	33.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ENDRIN KETONE	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	19.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	18.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	35.	RWL	2.00
ETHYLBENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ETHYLBENZENE	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
FLUORANTHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	87.	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	100.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	J	53.	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	J	92.	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	J	110.	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	J	56.	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	330.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	320.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
FLUORANTHENE	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	J	71.	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
FLUORENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
FLUORENE	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
GAMMA CHLORDANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	98.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	190.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	440.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	90.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	97.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	93.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	2.00
GAMMA-BHC (LINDANE)	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	9.8	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	19.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.9	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
GAMMA-BHC (LINDANE)	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	44.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.0	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.7	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.3	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	2.00
HEPTACHLOR	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	9.8	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	19.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.9	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	44.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.0	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.7	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
HEPTACHLOR	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.3	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	2.00
HEPTACHLOR EPOXIDE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	9.8	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	19.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.3	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.9	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	44.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.7	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	8.5	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	17.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.0	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.7	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.6	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	8.8	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.3	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	9.2	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	9.1	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	18.	RWL	2.00
HEXACHLOROBENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
HEXACHLOROBENZENE	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
HEXACHLOROBUTADIENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
HEXACHLOROBUTADIENE	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
HEXACHLOROCYCLOPENTADIENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
HEXACHLOROCYCLOPENTADIENE	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
HEXACHLOROETHANE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
HEXACHLOROETHANE	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
INDENO(1,2,3-CD)PYRENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	46.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	84.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	40.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
INDENO(1,2,3-CD)PYRENE	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
IRON, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		13300.	24.2	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		13400.	21.9	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		16000.	21.4	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		10900.	20.9	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		12200.	21.1	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		9350.	21.1	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		12600.	20.4	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		13400.	21.6	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		11400.	22.1	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		10400.	21.2	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		7400.	20.7	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		8470.	21.0	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		8970.	19.6	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		7570.	20.1	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		7830.	19.4	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		12300.	20.7	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		29900.	22.0	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		29500.	24.0	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		11700.	20.7	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		28500.	21.7	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		20100.	21.6	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		31900.	20.5	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		26600.	21.6	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		26700.	23.0	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		25200.	22.4	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		23500.	21.3	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		16000.	21.1	RWL	1.0
ISOPHORONE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
ISOPHORONE	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
LEAD, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		11.4	7.4	RWL	10.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		8.5	0.67	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		6.4	2.4	RWL	4.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		9.8	2.5	RWL	4.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		23.3	6.1	RWL	10.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		4.6	0.61	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
LEAD, TOTAL	0085	08/27/91	0001	1.5- 2.0	MG/KG		11.7	3.2	RWL	5.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		6.9	2.5	RWL	4.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		8.6	6.6	RWL	10.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		8.3	0.63	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		10.1	2.6	RWL	4.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		7.9	0.64	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		12.2	6.3	RWL	10.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		25.2	12.1	RWL	20.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		7.7	0.59	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		7.0	0.62	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		4.2	0.66	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		4.1	0.72	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		5.0	0.63	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		3.9	0.65	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		3.0	0.65	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		7.2	1.2	RWL	2.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		3.8	0.63	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		4.3	0.69	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		3.3	0.66	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		5.0	0.64	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		9.1	6.3	RWL	10.0
MAGNESIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		24000.	1210.	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		34200.	1100.	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		26000.	1070.	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		39900.	1050.	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		31700.	1060.	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		48300.	1060.	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		40500.	1020.	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		29700.	1080.	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		37800.	1110.	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		36000.	1060.	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		43800.	1040.	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		42500.	1050.	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		40300.	978.	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		31900.	1000.	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		35600.	968.	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		37300.	1040.	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		10600.	1100.	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		12800.	1200.	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
MAGNESIUM, TOTAL	0096	08/28/91	0001	1.5- 2.0	MG/KG		38800.	1040.	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		7010.	1090.	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		8140.	1080.	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		10100.	1020.	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		9270.	1080.	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		8050.	1150.	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		8320.	1120.	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		15200.	1060.	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		24200.	1050.	RWL	1.0
MANGANESE, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		444.	3.6	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		406.	3.3	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		451.	3.2	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		483.	3.1	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		443.	3.2	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		237.	3.2	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		256.	3.1	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		356.	3.2	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		326.	3.3	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		315.	3.2	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		289.	3.1	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		229.	3.1	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		251.	2.9	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		289.	3.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		287.	2.9	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		399.	3.1	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		454.	3.3	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		501.	3.6	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		388.	3.1	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		383.	3.3	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		498.	3.2	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		796.	3.1	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		806.	3.2	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		630.	3.5	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		479.	3.4	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		460.	3.2	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		458.	3.2	RWL	1.0
MERCURY, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.12	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		0.58	0.12	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
MERCURY, TOTAL	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		0.16	0.11	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	0.10	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.12	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.12	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.12	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.12	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	0.12	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	0.11	RWL	1.0
METHOXYCHLOR	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	98.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	190.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	83.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	89.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	440.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	87.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
METHOXYCHLOR	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	85.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	90.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	97.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	86.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	88.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	93.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	92.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	91.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	2.00
N-NITROSO-DI-N-PROPYLAMINE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
N-NITROSO-DI-N-PROPYLAMINE	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
N-NITROSODIPHENYLAMINE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
N-NITROSODIPHENYLAMINE	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
NAPHTHALENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
NICKEL, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		11.1	9.7	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
NICKEL, TOTAL	0080	08/27/91	1001	1.5- 2.0	MG/KG		9.9	8.8	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		14.5	8.6	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		11.1	8.4	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		11.7	8.5	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		9.9	8.4	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		12.9	8.2	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		10.9	8.7	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		8.9	8.9	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		8.7	8.5	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	8.3	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		9.7	8.4	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	7.8	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	8.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	7.7	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	8.3	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		24.6	8.8	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		27.8	9.6	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		10.6	8.3	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		24.4	8.7	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		19.6	8.6	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		28.9	8.2	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		24.8	8.6	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		27.4	9.2	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		27.3	8.9	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		23.0	8.5	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		14.2	8.4	RWL	1.0
NITRATE BY IC	0080	08/27/91	0001	1.5- 2.0	MG/KG		30.8	1.5	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		3.8	1.5	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		11.2	1.4	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		1.6	1.4	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		29.5	1.3	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		4.6	1.3	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		2.0	1.4	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		5.8	1.4	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		7.7	1.3	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		4.0	1.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		6.4	1.4	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		15.8	1.3	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
NITRATE BY IC	0092	08/28/91	0001	1.5- 2.0	MG/KG		5.0	1.3	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		6.6	1.3	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		5.0	1.3	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.5	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		13.5	1.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		4.7	1.4	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		7.4	1.4	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		35.8	1.5	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		3.0	1.4	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		11.0	1.4	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		19.8	1.4	RWL	1.0
NITRITE BY IC	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.5	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	1.5	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.3	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.3	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.3	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.3	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.3	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1.3	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.3	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.5	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.5	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
NITRITE BY IC	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.4	RWL	1.0
NITROBENZENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
PENTACHLOROPHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
PENTACHLOROPHENOL	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1700.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	2000.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	1900.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	1800.	RWL	1.00
PHENANTHRENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	38.	340.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
PHENANTHRENE	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	J	80.	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	J	77.	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	270.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	240.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	J	41.	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
PHENOL	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
PHENOL	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
POTASSIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1210.	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	1100.	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		1160.	1070.	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1050.	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1060.	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1060.	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1020.	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1080.	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1110.	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1060.	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1040.	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1050.	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	978.	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1000.	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	968.	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1040.	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		1660.	1100.	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
POTASSIUM, TOTAL	0095	08/28/91	0001	1.5- 2.0	MG/KG		1920.	1200.	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1040.	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		1190.	1090.	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		1150.	1080.	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		1630.	1020.	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		1500.	1080.	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		1470.	1150.	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		1190.	1120.	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		1120.	1060.	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1050.	RWL	1.0
PYRENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	410.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	39.	340.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	J	45.	340.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	J	81.	350.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	J	57.	350.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	190.	350.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	J	90.	350.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	360.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
PYRENE	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	390.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	380.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	J	88.	380.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	370.	RWL	1.00
SELENIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.2	RWL	10.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	10.7	RWL	10.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	0.98	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.0	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.2	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1.1	RWL	1.0
SILVER, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.4	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
SILVER, TOTAL	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1.9	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.4	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.3	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
SODIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1210.	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	1100.	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1070.	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1050.	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1060.	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1060.	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1020.	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1080.	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1110.	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1060.	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	1040.	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1050.	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	978.	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1000.	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	968.	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1040.	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1100.	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1200.	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
SODIUM, TOTAL	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1040.	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1090.	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1080.	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1020.	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1080.	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1150.	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1120.	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	1060.	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	1050.	RWL	1.0
STYRENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MWD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
STYRENE	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
SULFATE BY IC	0080	08/27/91	0001	1.5- 2.0	MG/KG		44.6	1.5	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		43.6	1.5	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		254.	1.4	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		52.9	1.4	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		59.5	1.3	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		3440.	1.4	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		727.	13.6	RWL	10.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		138.	13.8	RWL	10.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		188.	13.9	RWL	10.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		130.	1.3	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		30.8	1.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		497.	1.2	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		107.	1.3	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		175.	13.5	RWL	10.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		200.	1.3	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		240.	1.3	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		1180.	1.4	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		737.	1.5	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		389.	1.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		194.	1.4	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		473.	1.4	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		698.	1.4	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		184.	1.4	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		520.	1.5	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
SULFATE BY IC	0102	08/28/91	0001	1.5- 2.0	MG/KG		380.	1.4	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		469.	1.4	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		63.2	1.4	RWL	1.0
TETRACHLOROETHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
TETRACHLOROETHENE	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
THALLIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.5	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.4	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.0	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.3	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.2	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG	ND	-	2.1	RWL	1.0
TOLUENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
TOLUENE	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	J	1.	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MWD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
TOLUENE	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
TOTAL XYLENES	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
TOTAL XYLENES	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
TOXAPHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	200.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	370.	RWL	2.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	890.	RWL	5.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	330.	RWL	2.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	190.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	170.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	190.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	180.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	350.	RWL	2.00
TRICHLOROETHENE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MWD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
TRICHLOROETHENE	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
TRICHLOROETHENE	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	6.	RWL	1.00
VANADIUM, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		22.4	12.1	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		18.0	11.0	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		14.8	10.7	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		20.3	10.5	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		20.2	10.6	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		20.6	10.6	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		19.0	10.2	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		18.0	10.8	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		20.0	11.1	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		19.9	10.6	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		21.7	10.4	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		16.5	10.5	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		19.9	9.8	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		16.9	10.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		16.1	9.7	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		18.0	10.4	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		14.8	11.0	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		18.3	12.0	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		19.6	10.4	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		16.1	10.9	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		15.8	10.8	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		17.4	10.2	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		16.3	10.8	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		18.0	11.5	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		14.7	11.2	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		16.6	10.6	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		16.8	10.5	RWL	1.0
VINYL ACETATE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MWD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
VINYL ACETATE	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
VINYL CHLORIDE	0080	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0080	08/27/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MND11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
VINYL CHLORIDE	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0081	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0082	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0083	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0084	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0085	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0086	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0087	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0088	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0089	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0090	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0091	08/27/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0092	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0093	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0094	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0095	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0096	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0097	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0098	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0099	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0100	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0101	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

SOIL CHEMISTRY DATA BY PARAMETER
SITE: MWD11 AREA 14
08/27/91 TO 08/28/91
REPORT DATE: 04/03/92

PARAMETER NAME	LOCATION ID	LOG DATE	SAMPLE ID	DEPTH RANGE (FT)	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
VINYL CHLORIDE	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0102	08/28/91	1001	1.5- 2.0	UG/KG	ND	-	12.	RWL	1.00
	0103	08/28/91	0001	1.5- 2.0	UG/KG	ND	-	11.	RWL	1.00
ZINC, TOTAL	0080	08/27/91	0001	1.5- 2.0	MG/KG		37.0	4.8	RWL	1.0
	0080	08/27/91	1001	1.5- 2.0	MG/KG		46.0	4.4	RWL	1.0
	0081	08/27/91	0001	1.5- 2.0	MG/KG		37.3	4.3	RWL	1.0
	0082	08/27/91	0001	1.5- 2.0	MG/KG		30.2	4.2	RWL	1.0
	0083	08/27/91	0001	1.5- 2.0	MG/KG		47.1	4.2	RWL	1.0
	0084	08/27/91	0001	1.5- 2.0	MG/KG		32.2	4.2	RWL	1.0
	0085	08/27/91	0001	1.5- 2.0	MG/KG		39.7	4.1	RWL	1.0
	0086	08/27/91	0001	1.5- 2.0	MG/KG		32.1	4.3	RWL	1.0
	0087	08/27/91	0001	1.5- 2.0	MG/KG		35.0	4.4	RWL	1.0
	0088	08/27/91	0001	1.5- 2.0	MG/KG		31.4	4.2	RWL	1.0
	0089	08/27/91	0001	1.5- 2.0	MG/KG		23.2	4.1	RWL	1.0
	0090	08/28/91	0001	1.5- 2.0	MG/KG		24.1	4.2	RWL	1.0
	0091	08/27/91	0001	1.5- 2.0	MG/KG		1180.	3.9	RWL	1.0
	0092	08/28/91	0001	1.5- 2.0	MG/KG		18.0	4.0	RWL	1.0
	0092	08/28/91	1001	1.5- 2.0	MG/KG		21.2	3.9	RWL	1.0
	0093	08/28/91	0001	1.5- 2.0	MG/KG		22.1	4.1	RWL	1.0
	0094	08/28/91	0001	1.5- 2.0	MG/KG		47.3	4.4	RWL	1.0
	0095	08/28/91	0001	1.5- 2.0	MG/KG		51.9	4.8	RWL	1.0
	0096	08/28/91	0001	1.5- 2.0	MG/KG		32.6	4.1	RWL	1.0
	0097	08/28/91	0001	1.5- 2.0	MG/KG		46.1	4.3	RWL	1.0
	0098	08/28/91	0001	1.5- 2.0	MG/KG		44.5	4.3	RWL	1.0
	0099	08/28/91	0001	1.5- 2.0	MG/KG		45.6	4.1	RWL	1.0
	0100	08/28/91	0001	1.5- 2.0	MG/KG		43.8	4.3	RWL	1.0
	0101	08/28/91	0001	1.5- 2.0	MG/KG		50.6	4.6	RWL	1.0
	0102	08/28/91	0001	1.5- 2.0	MG/KG		49.8	4.5	RWL	1.0
	0102	08/28/91	1001	1.5- 2.0	MG/KG		47.3	4.3	RWL	1.0
	0103	08/28/91	0001	1.5- 2.0	MG/KG		36.6	4.2	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): ND= NOT DETECTED

DATA FILE NAME: K:\DART\MWD\MWD11\SCI10000.DAT

SURFACE WATER QUALITY DATA BY LOCATION
SITE: MND11 AREA 14
LOCATION: 0014
NORTH COORDINATE: UNKNOWN
EAST COORDINATE: UNKNOWN
07/29/91 TO 07/29/91
REPORT DATE: 08/14/92

PARAMETER NAME	LOG DATE	SAMPLE ID	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
1,1,1-TRICHLOROETHANE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,1,2,2-TETRACHLOROETHANE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,1,2-TRICHLOROETHANE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,1-DICHLOROETHANE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,1-DICHLOROETHENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,2,4-TRICHLOROBENZENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
1,2-DICHLOROBENZENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
1,2-DICHLOROETHANE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,2-DICHLOROETHANE-d4	07/29/91	0001	% RECOVERY		103.	0.0	RWL	1.00
1,2-DICHLOROETHENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,2-DICHLOROPROPANE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,3-CIS-DICHLOROPROPENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,3-DICHLOROBENZENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
1,3-TRANS-DICHLOROPROPENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
1,4-DICHLOROBENZENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2,4,5-TRICHLOROPHENOL	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
2,4,6-TRIBROMOPHENOL	07/29/91	0001	% RECOVERY		58.	0.0	RWL	1.00
2,4,6-TRICHLOROPHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2,4-DICHLOROPHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2,4-DIMETHYLPHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2,4-DINITROPHENOL	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
2,4-DINITROTOLUENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2,6-DINITROTOLUENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2-BUTANONE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2-CHLORONAPHTHALENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2-CHLOROPHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2-FLUOROBIPHENYL	07/29/91	0001	% RECOVERY		56.	0.0	RWL	1.00
2-FLUOROPHENOL	07/29/91	0001	% RECOVERY		38.	0.0	RWL	1.00
2-HEXANONE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2-METHYLNAPHTHALENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
2-METHYLPHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): U - LESS THAN DETECTION LIMIT

SURFACE WATER QUALITY DATA BY LOCATION
SITE: MND11 AREA 14
LOCATION: 0014
NORTH COORDINATE: UNKNOWN
EAST COORDINATE: UNKNOWN
07/29/91 TO 07/29/91
REPORT DATE: 08/14/92

PARAMETER NAME	LOG DATE	SAMPLE ID	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
2-NITROANILINE	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
2-NITROPHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
3,3'-DICHLOROBENZIDINE	07/29/91	0001	UG/L	U	20.	20.	RWL	1.00
3-NITROANILINE	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
4,4'-DDD	07/29/91	0001	UG/L	U	0.10	0.10	RWL	1.00
4,4'-DDE	07/29/91	0001	UG/L	U	0.10	0.10	RWL	1.00
4,4'-DDT	07/29/91	0001	UG/L	U	0.10	0.10	RWL	1.00
4,6-DINITRO-O-CRESOL	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
4-BROMOPHENYL-PHENYL ETHER	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
4-CHLORO-3-METHYLPHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
4-CHLOROANILINE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
4-CHLOROPHENYL-PHENYLETHER	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
4-METHYL-2-PENTANONE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
4-METHYLPHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
4-NITROANILINE	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
4-NITROPHENOL	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
ACENAPHTHENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
ACENAPHTHYLENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
ACETONE	07/29/91	0001	UG/L	JB	7.	10.	RWL	1.00
ALDRIN	07/29/91	0001	UG/L	U	0.052	0.052	RWL	1.00
ALPHA CHLORDANE	07/29/91	0001	UG/L	U	0.52	0.52	RWL	1.00
ALPHA-BHC	07/29/91	0001	UG/L	U	0.052	0.052	RWL	1.00
ALUMINUM, TOTAL	07/29/91	0001	UG/L		949.	200.	RWL	1.0
ANTHRACENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
ANTIMONY, TOTAL	07/29/91	0001	UG/L	U	60.0	60.0	RWL	1.0
AROCLOR-1016	07/29/91	0001	UG/L	U	0.52	0.52	RWL	1.00
AROCLOR-1221	07/29/91	0001	UG/L	U	0.52	0.52	RWL	1.00
AROCLOR-1232	07/29/91	0001	UG/L	U	0.52	0.52	RWL	1.00
AROCLOR-1242	07/29/91	0001	UG/L	U	0.52	0.52	RWL	1.00
AROCLOR-1248	07/29/91	0001	UG/L	U	0.52	0.52	RWL	1.00
AROCLOR-1254	07/29/91	0001	UG/L	U	1.0	1.0	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): U - LESS THAN DETECTION LIMIT

SURFACE WATER QUALITY DATA BY LOCATION
SITE: MND11 AREA 14
LOCATION: 0014
NORTH COORDINATE: UNKNOWN
EAST COORDINATE: UNKNOWN
07/29/91 TO 07/29/91
REPORT DATE: 08/14/92

PARAMETER NAME	LOG DATE	SAMPLE ID	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
AROCLOR-1260	07/29/91	0001	UG/L	U	1.0	1.0	RWL	1.00
ARSENIC, TOTAL	07/29/91	0001	UG/L	U	10.0	10.0	RWL	1.0
BARIUM, TOTAL	07/29/91	0001	UG/L	U	200.	200.	RWL	1.0
BENZENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
BENZO(A)ANTHRACENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BENZO(A)PYRENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BENZO(B)FLUORANTHENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BENZO(G,H,I)PERYLENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BENZO(K)FLUORANTHENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BENZOIC ACID	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
BENZYL ALCOHOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BERYLLIUM, TOTAL	07/29/91	0001	UG/L	U	5.0	5.0	RWL	1.0
BETA-BHC	07/29/91	0001	UG/L	U	0.052	0.052	RWL	1.00
BIS(2-CHLOROETHOXY)METHANE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BIS(2-CHLOROETHYL)ETHER	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BIS(2-CHLOROISOPROPYL)ETHER	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BIS(2-ETHYLHEXYL)PHTHALATE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BROMODICHLOROMETHANE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
BROMOFLUOROBENZENE	07/29/91	0001	% RECOVERY		98.	0.0	RWL	1.00
BROMOFORM	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
BROMOMETHANE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
BUTYL BENZYL PHTHALATE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
CADMIUM, TOTAL	07/29/91	0001	UG/L	U	5.0	5.0	RWL	1.0
CALCIUM, TOTAL	07/29/91	0001	UG/L		80300.	5000.	RWL	1.0
CARBON DISULFIDE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
CARBON TETRACHLORIDE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
CHLOROBENZENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
CHLOROETHANE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
CHLOROFORM	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
CHLOROMETHANE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
CHROMIUM, TOTAL	07/29/91	0001	UG/L	U	10.0	10.0	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): U - LESS THAN DETECTION LIMIT

SURFACE WATER QUALITY DATA BY LOCATION
SITE: MND11 AREA 14
LOCATION: 0014
NORTH COORDINATE: UNKNOWN
EAST COORDINATE: UNKNOWN
07/29/91 TO 07/29/91
REPORT DATE: 08/14/92

PARAMETER NAME	LOG DATE	SAMPLE ID	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
CHRYSENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
COBALT, TOTAL	07/29/91	0001	UG/L	U	50.0	50.0	RWL	1.0
COPPER, TOTAL	07/29/91	0001	UG/L	U	25.0	25.0	RWL	1.0
CYANIDE, TOTAL	07/29/91	0001	UG/L	U	10.0	10.0	RWL	1.0
DELTA-BHC	07/29/91	0001	UG/L	U	0.052	0.052	RWL	1.00
DI-N-BUTYL PHTHALATE	07/29/91	0001	UG/L	JB	1.	10.	RWL	1.00
DI-N-OCTYL PHTHALATE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
DIBENZ(A,H)ANTHRACENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
DIBENZOFURAN	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
DIBROMOCHLOROMETHANE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
DIBUTYLCHLORENDATE	07/29/91	0001	% RECOVERY		77.	0.0	RWL	1.00
DICHLOROMETHANE-METHYLENE CHLORIDE	07/29/91	0001	UG/L	JB	3.	5.	RWL	1.00
DIELDRIN	07/29/91	0001	UG/L	U	0.10	0.10	RWL	1.00
DIETHYL PHTHALATE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
DIMETHYL PHTHALATE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
ENDOSULFAN I(ALPHA)	07/29/91	0001	UG/L	U	0.052	0.052	RWL	1.00
ENDOSULFAN II(BETA)	07/29/91	0001	UG/L	U	0.10	0.10	RWL	1.00
ENDOSULFAN SULFATE	07/29/91	0001	UG/L	U	0.10	0.10	RWL	1.00
ENDRIN	07/29/91	0001	UG/L	U	0.10	0.10	RWL	1.00
ENDRIN KETONE	07/29/91	0001	UG/L	U	0.10	0.10	RWL	1.00
ETHYLBENZENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
FLUORANTHENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
FLUORENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
GAMMA CHLORDANE	07/29/91	0001	UG/L	U	0.52	0.52	RWL	1.00
GAMMA-BHC (LINDANE)	07/29/91	0001	UG/L	U	0.052	0.052	RWL	1.00
HEPTACHLOR	07/29/91	0001	UG/L	U	0.052	0.052	RWL	1.00
HEPTACHLOR EPOXIDE	07/29/91	0001	UG/L	U	0.052	0.052	RWL	1.00
HEXACHLOROBENZENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
HEXACHLOROBUTADIENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
HEXACHLOROCYCLOPENTADIENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
HEXACHLOROETHANE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): U - LESS THAN DETECTION LIMIT

SURFACE WATER QUALITY DATA BY LOCATION
SITE: MND11 AREA 14
LOCATION: 0014
NORTH COORDINATE: UNKNOWN
EAST COORDINATE: UNKNOWN
07/29/91 TO 07/29/91
REPORT DATE: 08/14/92

PARAMETER NAME	LOG DATE	SAMPLE ID	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
INDENO(1,2,3-CD)PYRENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
IRON, TOTAL	07/29/91	0001	UG/L		2200.	100.	RWL	1.0
ISOPHORONE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
LEAD, TOTAL	07/29/91	0001	UG/L	U	3.0	3.0	RWL	1.0
MAGNESIUM, TOTAL	07/29/91	0001	UG/L		32900.	5000.	RWL	1.0
MANGANESE, TOTAL	07/29/91	0001	UG/L		81.2	15.0	RWL	1.0
MERCURY, TOTAL	07/29/91	0001	UG/L	U	0.20	0.20	RWL	1.0
METHOXYCHLOR	07/29/91	0001	UG/L	U	0.52	0.52	RWL	1.00
N-NITROSO-DI-N-PROPYLAMINE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
N-NITROSODIPHENYLAMINE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
NAPHTHALENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
NICKEL, TOTAL	07/29/91	0001	UG/L	U	40.0	40.0	RWL	1.0
NITROBENZENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
NITROBENZENE-D5	07/29/91	0001	% RECOVERY		55.	0.0	RWL	1.00
P-TERPHENYL-d14	07/29/91	0001	% RECOVERY		117.	0.0	RWL	1.00
PENTACHLOROPHENOL	07/29/91	0001	UG/L	U	50.	50.	RWL	1.00
PHENANTHRENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
PHENOL	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
POTASSIUM, TOTAL	07/29/91	0001	UG/L	U	5000.	5000.	RWL	1.0
PYRENE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
Phenol-d5	07/29/91	0001	% RECOVERY		73.	0.0	RWL	1.00
SELENIUM, TOTAL	07/29/91	0001	UG/L	U	5.0	5.0	RWL	1.0
SILVER, TOTAL	07/29/91	0001	UG/L	U	10.0	10.0	RWL	1.0
SODIUM, TOTAL	07/29/91	0001	UG/L		51900.	5000.	RWL	1.0
STYRENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
TETRACHLOROETHENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
THALLIUM, TOTAL	07/29/91	0001	UG/L	U	10.0	10.0	RWL	1.0
TOLUENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
TOLUENE-d8 (BY GC)	07/29/91	0001	% RECOVERY		99.	0.0	RWL	1.00
TOTAL XYLENES	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
TOXAPHENE	07/29/91	0001	UG/L	U	1.0	1.0	RWL	1.00

PARAMETER VALUE INDICATOR (PVI): U - LESS THAN DETECTION LIMIT

SURFACE WATER QUALITY DATA BY LOCATION
SITE: MND11 AREA 14
LOCATION: 0014
NORTH COORDINATE: UNKNOWN
EAST COORDINATE: UNKNOWN
07/29/91 TO 07/29/91
REPORT DATE: 08/14/92

PARAMETER NAME	LOG DATE	SAMPLE ID	UNITS OF MEASURE	PVI	PARAMETER VALUE	DETECTION LIMIT	LAB CODE	DILUTION FACTOR
TRICHLOROETHENE	07/29/91	0001	UG/L	U	5.	5.	RWL	1.00
VANADIUM, TOTAL	07/29/91	0001	UG/L	U	50.0	50.0	RWL	1.0
VINYL ACETATE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
VINYL CHLORIDE	07/29/91	0001	UG/L	U	10.	10.	RWL	1.00
ZINC, TOTAL	07/29/91	0001	UG/L	U	20.0	20.0	RWL	1.0

PARAMETER VALUE INDICATOR (PVI): U - LESS THAN DETECTION LIMIT

DATA FILE NAME: K:\DART\MND\MND11\SWQ10002.DAT

6 A

WESTON

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: LANL-MOUND **SAMPLES RECEIVED:** 07-31-91
RFW #: 9107L303, GC/MS VOLATILE
W.O. #: 2744-40-90

NARRATIVE

The set of samples consisted of three (3) water samples collected on 07-29-91.

The samples were analyzed according to criteria set forth in CLP SOW 02/88 (Rev. 05/89) for TCL Volatile target compounds on 08-06-91.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were not detected in these samples.

2. All surrogate recoveries were within EPA QC limits.

3. One (1) of ten (10) matrix spike recoveries was outside EPA QC limits.

4. The laboratory blank contained the common contaminants methylene chloride and acetone at levels less than 2x the CRQL.

5. Internal standard area and retention time criteria were met for samples and blanks.

8.23.91

Jack R. Tuschall, Ph.D. Date
Laboratory Manager
Lionville Analytical Laboratory

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: LANL-MOUND PLANT **SAMPLES RECEIVED:** 07-31-91
RFW #: 9107L303, SEMIVOLATILE
W.O. #: 2744-40-90

NARRATIVE

The set of samples consisted of three (3) water samples collected on 07-29-91.

The samples were extracted on 08-05-91 and analyzed according to criteria set forth in SW 846 Method 8270 for TCL Semivolatile target compounds on 08-15,16,19-91.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were detected in these samples.

2. Five (5) of thirty-six (36) surrogate recoveries were outside EPA QC limits; however, EPA CLP surrogate recovery criteria were met (i.e., no more than one outlier per fraction (acid and base neutral) and no recoveries less than 10%).

3. Two (2) of twenty-two (22) blank spike recoveries were outside EPA QC limits.

4. The laboratory blank contained the common contaminant di-n-butylphthalate at a level less than the CRQL.

5. Internal standard area and retention time criteria were met for all samples and blanks.

9.12.91

Jack R. Tuschall, Ph.D. Date
Laboratory Manager
Lionville Analytical Laboratory

6A

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: LANL MOUND PLANT
RFW #: 9107L303, PCB/PEST
W.O. #: 2744-40-90

SAMPLES RECEIVED: 07-31-91

NARRATIVE

The set of samples consisted of three (3) water samples collected on 07-29-91.

The samples were extracted on 08-01-91 and analyzed according to criteria set forth in the Contract Laboratory Program for Pesticide and PCB target compounds on 09-03-91.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Linearity and breakdown criteria were met on the primary column.

2. Continuing calibration criteria were exceeded for Delta-BHC; however, this occurred after the sample extracts, so there were no re-analysis requirements.

3. Retention time criteria were met for all compounds on both the primary and confirmation columns.

4. All surrogate recoveries were within EPA QC limits.

5. All blank spike recoveries were within EPA QC limits.

6. The blank spike samples required two-fold dilutions to maintain pesticide recoveries within the linear range of the instrument.

9. 16. 91.

Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

Date

WESTON

Roy F. Weston, INC.
Lionville Laboratory

CLIENT: LANL MOUND PLANT **SAMPLES RECEIVED:** 7/31/91
RFW #: 9107L303
W.O.#: 2744-40-90

METALS NARRATIVE

The set of samples consisted of three (3) water samples collected on 7/29/91.

The samples were analyzed according to criteria set forth in CLP SOW 3/90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. ICVs, CCVs, and LCSs stock standards were purchased from Inorganic Ventures Laboratory.

2. All ICV and CCV values were within control limits.

3. All ICB and CCB values were within control limits.

4. All preparation blank values were within control limits.

5. All LCS results were within the 80-120% control limits.

6. All matrix spike recoveries were within the 75-125% control limits with the exception of As,Pb,Se,Tl. All corresponding samples were flagged with an "N" according to CLP protocol.

7. All duplicate analyses were within the 20% RPD control limit.

WESTON

8. The code CV is currently in use by the laboratory for both mercury instruments in operation (HG1 and HG2). Hg1 is complete with autosampler and software but does not add reagents; HG2 is operated by the analyst and produces a strip chart. Reference SOP21-15-0245.1. Sample volumes and reagents have been proportionally scaled down to adapt to a new automated technique. The volume used for all water analysis is 33 mls. For soils, 0.1 gram of sample in a final volume of 50 mls.

9.16.91

Jack R. Tuschall, Ph.D.
Laboratory Manager
WESTON Analytical Laboratories

Date

Dart Analysis and Retrieval Tools

January 1992

OVERVIEW

The DART is a PC-based technical database management system in which the central secure repository for the data types listed in Appendix A are stored. Along with storage capabilities DART has systems which allow these data types to be reported and analyzed in several formats. Options have been incorporated that allow users to only report and analyze subsets of data as specified by the user. Data may also be imported to third party software packages such as spreadsheets, models, graphics, and word processing systems. The capabilities of the system allow scientists and engineers the ability to perform standard reporting and analysis required by projects in a cost effective, time saving, and quality assured manner.

CAPABILITIES

MAIN MENU OPTIONS:

The following summarizes the main menu options of the DART system:

OVERVIEW OF MAIN MENU OPTIONS

A - Go to the Data Retrieval Menu - This system allows user specified data sets to be retrieved from the central database. The central database remains intact while data sets retrieved by the user can be reported and analyzed through the Analysis and Reporting Processor or imported into third party software packages.

B - Analysis and Reporting Processor - This system has the capabilities to report and analyze data sets as retrieved from the Data Retrieval System. Pre-formatted and pre-specified analysis and reporting capabilities have been added as menu driven selections which allow the user to produce report quality products and to analyze data. A summary of reporting capabilities are contained in Appendix B. Appendix E contains some examples of the data reports available.

C - View/Browse - This system allows data to be viewed or browsed through screen interaction.

D - Prepare Data for Model/Graphics Input Menu - Allows user specified data sets to be directly imported into third party software packages of models. Appendix C lists the models that directly interact with DART software.

Project Dependant Requirements

The DART system has been developed to provide consistent methodologies for the storage, reporting, and analysis of data for projects requiring the need for the following:

- A central secure repository for project data
- A quality assured/quality controlled database
- Standardized report quality data reports
- Standardized methodologies for analyzing data
- A system where project participants can access data

The system has the capability for the storage, retrieval, and reporting of various data types as noted in Appendix A. It is noted, that the configuration of the DART modules has made it possible to include or exclude additional data types, reporting capabilities, and analysis capabilities as defined by project needs.

HARDWARE REQUIREMENTS

The hardware configuration is strictly dependant on the size of the individual projects. The following hardware configuration would probably by sufficient for a small to medium sized project. Again, a systems analysis should be preformed to determine the exact hardware requirements based on long term data volume and project requirements.

286/386 Based IBM compatible
30 MB hard disk space
EGA/VGA Display Monitor
HP Laserjet Series or Standard Line Printer

Local Area Network Version - The DART system is available for use by multi-users on a Local Area Network (LAN). This allows project data to be accessed simultaneously by a number of project participants. A systems analysis is required to determine system configuration and requirements.

System Administrator

It is recommended that a system administrator be assigned to establish and maintain coding conventions, coordinate electronic deliverables, maintain data entry and maintain backup systems. This will provide a central resource responsible for the maintenance of the system.

APPENDIX A

DATA TYPES ADDRESSED

The data types that are stored in the DART are those most common to remedial investigation/feasability studies. A hierarchical structure of data structures are maintained so that defensibility and tracking can be achieved. The modular approach to DART software makes adding data structures not accounted for an easy process.

The following is a summary of data file types and their contents:

Facility Information - Provides information about where data are collected.

Facility Id
Facility Type
Facility Name
Facility Location
Facility Manager
Facility Area
Facility Standard Drawing Scale

Location Information - Provides information about the specific sampling location.

Location Id
Location Type
North Coordinate
East Coordinate
Elevation
Driller Code
Date Location Established
Depth
Diameter
Location Cross Reference

Well Completion Information - Provides information about the well characteristics of a sampling location that has been defined as a well.

Location Id
Installer Code
Date Installed
Casing Elevation
Casing Depth
Casing Diameter
Seal End Depth
Geologic Formation of Completion
Screen Beginning Depth
Screen Length
Background Flag
Abandoned Flag
Abandoned Date
Flag

Slug Test Data - Contains results recorded during a slug test field investigation.

Location Id
Date Logged
Slug Volume
Elapsed Time
Depth to Water
Logger Code
Flag

Pump Test Data - Contains results recorded during a pump test field investigation.

Location Id
Date Logged
Distance
Elapsed Time
Depth to Water
Pump Rate
Logger Code
Flag

Recovery Test Data - Contains results recorded during a recovery test.

Location Id
Date Logged
Distance
Elapsed Time
Depth to Water
Logger Code
Flag

D

Cardinal®

APPENDIX D

HEALTH AND SAFETY PLAN

SITE HEALTH AND SAFETY PLAN (HASP) FORM

Prepared By Robert J. Hysong Date 6-17-91 W.O. = 2744-40-13155

I. General Information

A. Project Identification

1. Division _____ 2. Department/Office Cincinnati

4. Site Name Mound 5. Client LANL

6. Work Location Address 1 Mound Road Miamisburg OH 45343
(Street Address) (City) (State) (Zip)

B. Site History

1. Describe briefly Soil contains Plutonium-238 contamination ≤681 pCi/g based on preliminary sampling performed 1/91. Areas verified free for radioactivity.

C. Scope of Work

1. Describe briefly Collect soil samples from ≈7 waste packages for analysis requirements for waste acceptance at Nevada Test Site. Perform chemical verification at Area 14 & 17.

( ) Site visit only, Site HASP not necessary, list personnel here & sign-off below:

_____, _____, _____, _____

D. Hazard Assessment and Regulatory Status

1. Indicate Yes (Y)/No (N) to types of hazards anticipated. (N) Physio-chemical: Toxic Chemical - Levels (N) >TLV-TWA, (N) >TLV-STEL, (N) >IDLH: (N) Bio-Hazards: (Y) Radiation: (Y) Physical: (Y) Construction type: (N) Industrial type: (Y) Nuclear Industry type

2. Site Regulatory Status: CERCLA/SARA - (Y) U.S. EPA, (Y) State, (Y) NPL Site: RCRA - (Y) U.S. EPA, (Y) State: OSHA - (Y) 1910, (Y) 1926, (Y) State: NRC - (N) 10 CFR 20: Other Fed. Agency - (Y) DOE, (N) USATHAMA, (N) Air Force:

Based on the Hazard Assessment and Regulatory Status, determine the Standard HASP(s) applicable to this project. Indicate below which Standard Hasp will be used and append the appropriate pages of this Form along with the Standard Plan.

3. Standard Plan to be used: (N) Stack Test (N) Air Emissions (N) Asbestos (Y) Industrial Hygiene (N) Life Systems (Y) Hazardous Mat. (Y) Construction (Y) NRC/DOE (N) USATHAMA (N) Air Force

D. Review and Approval Documentation

1. Reviewed By: a. P.M. Kenneth Baker Date 6/21/91
b. P.D. Kelly M. Rice Date 21 Jun 91
c. DSO/RSO _____ Date _____
d. SHSC _____ Date _____

2. Approved BY: Robert P. Schmeltzer for GMC Date 6/24/91
(X) a. Corporate Health and Safety Director (CHSD)
( ) b. DSO/RSO (Only with specific delegation by CHSD)

Project Start Date 6-24-91 ;End Date June-30-91 This Site HASP must be Reissued/Reapproved for any activities conducted after: Date 7-25-91

Amendment Date(s) 1._____ 2._____ 3._____ 4._____ 5._____

1.0 Key Personnel (Continued)

WESTON Representatives

Organization/Branch	Name/Title	Address	Telephone
Weston/Cincinnati	John Price	Suite 3301 Triangle Park Drive	513-772-344
Weston/Albuquerque	Ken Baker	6501 Americas PKWY, NE Suite 800	505-994-505

Roles and Responsibilities: John Price - Installation Manager; Ken Baker Project Manager

(WESTON Subcontractors) N/A

Organization/Branch	Name/Title	Address	Telephone

Roles and Responsibilities:

2.2 Site Specific Health and Safety Personnel

The SHSC for activities to be conducted at this Site is Miles Smith

The Site Health and Safety Coordinator (SHSC) has total responsibility for ensuring that the provisions of this Site HASP are adequate and implemented in the field. Changing field conditions may require decisions to be made concerning adequate protection programs. Therefore, the personnel assigned as SHSC's are experienced and meet the additional training requirements specified by OSHA in 29 CFR 1910.120

Qualifications: D-5, B-T

Designated alternatives include: Jeff Slater: C-S & B-S certified and Tom Tharp: C-T & B-T certified

II. Health and Safety Evaluation

A. Hazard Assessment

1. Background Review: Complete ( ) Partial (X) If partial, why? Soil has only been analyzed for radioactive constituents - not chemical hazards, not thermal hazards [illegible] Area 14 & 17 (Task 2 & 3) have been verified for radioactive removal.

2. Activities Covered Under this Plan

No.	Task/Subtask	Description	Schedule
1	Waste/soil Sampling	Sample recently excavated soil from waste boxes	6/24-6/2
2	Area 14 Sampling	Will sample for hazardous constituents in soil	"
3	Area 17 Sampling	"	

3. Types of Hazards: (Place a Y/N in each ( ) to indicate presence/absence of hazard)

a. PhysioChemical (N) Flammable (N) Explosive (N) Corrosive (N) Reactive
(N) O_2 Rich (N) O_2 Deficient [1]*

Chemically Toxic (N) Inhal. (N) Ingest. (N) Cont. (N) Absorb.
(N) Carcin. (N) Mutagen (N) Terat.
(N) OSHA 1910.1000 Substance
(N) OSHA Specific Hazard. Sub. Standard, Describe _____

b. Biological (N) Etiol. Agent (Y) Other - Plant, insect, animal. [2]*

c. Radiation Ionizing - (Y) Internal Exposure (N) External exposure [3]*
Non-ionizing - (N) UV; (N) IR; (N) RF; (N) MicroW; (N) LASER

d. Physical Hazards (Y) [4]* e. Construction Activities (Y) [5]*

* The number in the [ ] refers to one of the following hazard evaluation forms. Complete hazard evaluation forms for each appropriate Hazard Class.

B. Source/Location of Contaminants and Hazardous Substances

1. Directly Related to Tasks

(N) Air _____; (Y) Soil _____;
(N) Other Surface _____; (N) S. Water _____;
(N) G. Water _____; (N) Other _____.

2. Indirectly Related to Work - Nearby Process(s) which could affect team members:

(Y) Client Facility; (N) Nearby Non-client Facility; Describe Mound Plant Manufactures nuclear weapon components

( ) Client briefing arranged. Tell Monte you want HP coverage

[1] Chemical Hazards No hazardous materials are expected. Sampling is for verification only.

[a] Identify and attach Material Safety Data Sheets for all reagent type chemicals, solutions or other materials identified as or which in normal use could produce hazardous substances used in performing tasks related to tasks related to this project. ( ) (N/A)

[b] Chemical Contaminants of Concern ( ) (N/A) If present, provide following data.

Hazardous Substance/ Tasks	Physical Properties and Characteristics*	Exposure Limits PEL/TLV**	Route(s) of Exposure***/ Symptoms	Monitoring Instruments/IP+ % Response
	(*) State_____ pH___FP_____LEL_____UEL_____ Auto.Ig_____BP _____MP_____ Incompatible with - _____ _____ _____ Sp.Gr_____Vap.D_____ Vap.P_____H20 Sol._____ Oth._____,_____			
	(*) State_____ pH___FP_____LEL_____UEL_____ Auto.Ig_____BP _____MP_____ Incompatible with - _____ _____ _____ Sp.Gr_____Vap.D_____ Vap.P_____H20 Sol._____ Oth._____,_____			

* E = Explosive, F = Flammable, C = Corrosive, R = Reactive, W = Water reactive, O = Ox
Ra = Radioactive. State = Normal physical state at site/proj. temp.

** Use lowest of two, if no TLV/PEL, use Toxicity data in following order: Lowest Toxic humans (LTC-HMN), Lowest Lethal Conc. in humans (LLC-HMN), Lowest Toxic Dose in humans Lowest Lethal Dose in humans (LLD-HMN), LC_{50} or LD_{50} in humans, the Lowest Toxic Concen Lowest Toxic Dose in animals, the lowest LC_{50} or LD_{50} in animals.

*** I = Inhalation, G = Ingestion, S = Skin Absorption, C= Contact, D - Direct Penetra

+ IP = Ionization Potential

[2] Biological Hazards Of Concern

No.	Hazard	(Y/N)	Task No.(s)*	Location/ Source (K,S)**	Route of Exposure I,G,C,D**	Team Member(s) Allergic?	Immunization Required?
1.	Poisonous Plants	(Y)	1,	K	C		
2.	Insects	(Y)	1	K	D		
3.	Snakes, Reptiles	(Y)	1	K	D		
4.	Animals	(N)					
5.	Sewage	(N)					
6.	Etiologic Agents	(N) (List)					

* List all task Nos. which would involve potential exposure to these hazard(s).
** K = Known, S = Suspect. I = Inhalation, G = Ingestion, C = Contact, D = Direct Penetration (Bite, Inject., Open wound or sore)

[3] Radiation Hazards of Concern

TYPE

1. Ionizing

Radionuclide	Location/ Source	TYPE EMITTER	TASK NO.(S)	EXPOSURE LIMITS	Protection Protocol REFERENCE
Plutonium-238	soil	alpha	1	3×10^{-12} µCi/mL inhalation	DOE Order 5480.11

~~Areas~~
Areas 14 & 17 (Task 2 & 3) have had Pu-238 contaminated soil removed and ~~are~~ have been verified to have less than 100 pCi/g ~~in the~~ remaining.

2. Non-ionizing

N/A	Location/ Source	TASK NO.(S)	EXPOSURE LIMITS	Protection Protocol REFERENCE
Ultra violet				
Infra Red				
Microwave				
Radio-Freq.				
LASER				

[4] Physical Hazards of Concern

		Hazard (Y/N)	TASK No(s).	Protection OP(s) Attached
1.	Noise	(Y)	1	
2.	Heat - ambient air	(N)		
	- Hot Process - Steam	(N)		
	- Hot Process - LT^3	(N)		
	- Hot Process - Incin.	(N)		
3.	Cold	(N)		
4.	Rain	(Y)	1	
5.	Snow	(N)		
6.	Electric Storms	(Y)	1	
7.	Confined Space Entry	(N)		
8.	"Hot Work"	(N)		
9.	Heavy Manual Lifting/Moving	(N)		
10.	Rough Terrain	(N)		
11.	Housekeeping	(Y)	1	
12.	Structural Integrety	(N)		
13.	Neighborhood	(N)		
14.	Remote Area	(N)		
15.	Compressed Gases	(N)		
16.	Diving	(N)		
17.	Using Boats	(N)		
18.	Working over Water	(N)		
19.	Traffic	(N)		
20.	Explosives	(N)		
21.	Heavy Equipment Operation	(N)		
22.	Lifting Equipment Operation. - Cranes,	(N)		
	- Manlifts	(N)		
23.	Working at Elevation	(N)		
24.	Using Ladders	(Y)		
25.	Using Scaffolding	(N)		
26.	Excavating/Trenching	(N)		
27.	Materials Handling	(Y)		
28.	Haz. Mat. Use/Storage - flam.liq./gases	(N)		
	- oxidizers	(N)		
	- corrosives	(N)		
29.	Fire Prevent/Reponse plan required	(N)		
30.	Fire Extinguishers required	(N)		
31.	Demolition	(N)		
32.	Utilities - Underground	(N)		
	- Overhead	(N)		
33.	Electrical - General	(N)		
	- High Voltage	(N)		
34.	Welding/cutting/burning	(N)		
35.	Hand tools	(Y)	1	
36.	Power Hand Tools	(N)		
37.	High Pressure Water	(N)		
38.	Other _____	(N)		
39.	Other _____	( )		
40.	Other _____	( )		

TASK BY TASK RISK ANALYSIS

The preceding Tables identify the hazards known or suspected to be present in accomplishing the tasks involved in this project.

Section II A. 2. of this HASP describes the background of this site/project and identifies the tasks involved.

Below briefly describe each task and the likelihood of exposure to the hazards identified and the protective protocols to be used.

Task 1. Soil Sampling From Waste Box
Likelihood of Exposure: LOW

Associated Hazards: Removing a core of soil from 5 waste packages involves a slight possibility of physical injury. Hammering the sampling device into the soil could result in cut or broken fingers. The sampler shall wear latex inner gloves and outer work gloves to provide physical and radiological protection. Also, a possibility of bone breaks or muscle/joint injuries from falling off either the box or ladder.

Radiological hazards exist if the soil, containing Pu-238, comes into contact with field personnel through inhalation, ingestion or open wound. Soil will be moist to reduce airborne plutonium-238. No eating, chewing, smoking or drinking by field personnel permitted. Soil outside the sampling area will be covered to reduce the possibility of airborne contamination. Exposed soil will be kept to a minimum. NO sampling will be perform in presence of visible dust.

Concentrations of pu-238 in the soil range from <25pCi/g to 681pCi/g. Dust loading in the general area (OU-4) has been measured before during heavy construction (see Envir. Monitoring During Constr. of the Miamisburg Solar and Fishing Ponds MLM-2621, 1979. 250 ug/m³ was highest value measured. Most measurements <100 ug/m³. Assuming all soil 680pCi/g result in the following worst case airborne Pu:

$$\left(250\times10^{-6}\,g/m^3\right)\left(680\,pCi/g\right)\left(\frac{uCi}{10^6 pCi}\right)\left(\frac{m^3}{10^6 ml}\right) = 1.7\times10^{-13}\,uCi/ml \text{ Pu-238 airborne}$$

5 boxes will be sampled requiring 1hour max per box so DAC hours exposure is:

$$\frac{\left(1.7\times10^{-13}\,uCi/ml\right)}{3\times10^{-12}\,uCi/ml}(5h) = 0.3 \text{ DAC hours.}$$

Since 2000 DAC hrs are allowed annual exposure, this represents only $\left(\frac{0.3\text{ DAC hrs}}{2000\text{ DAC hrs}}\right)$ 0.01% of allowable annual exposure.

Task 2 13

Sampling will be performed in Areas 14 and 17 to verify that hazardous materials are not present in the soils. Both areas have been verified to have concentrations less than 100 pCi/g of Pu-238 in the soil. No hazardous constituents are expected.

NOTE: A MOUND PLANT HEALTH PHYSICS TECHNICIAN WILL BE ON-SITE TO OVERSEE ALL TASK ACTIVITIES.

III. Personnel Protection Plan

A. Engineering Controls

1. Describe Engineering Controls used as part of Personnel Protection Plan:

Task(s)
1 Cover waste/soil boxes with tarp to minimize area of soil exposed

B. Administrative Controls Make sure soil is moist before sampling

1. Describe Administrative controls used as part of Personnel Protection Plan

Task(s) no eating, chewing, smoking or drinking
1,2,3 No work if visible dust

C. Personnel Protective Equipment *

1. Action Levels for Changing Levels of Protection

(1) Task No.(s) Define Action Levels for up or down grade for each task

1. If visible dust observed (1mg/m³) then no work is performed. 1mg/m³ dust load represents 1/4 DAC hrs from sampling all 5 boxes or 0.06% of allowable annual exposure. Given the worst possible case conditions assumed and the precautions that will actually be taken exposure from this performing waste/soil sampling will be ALARA

c. Description of Levels

Task(s)	1			
	Level D		Level D	
Head	(x) hard hat	( )	( )	( )
Eye & Face	(x) Safety Glasses	( )	( )	( )
Hearing	(x) ear plugs	( )	( )	( )
Arms & Legs only	( )	( )	( )	( )
Whole Body	( )	( )	( )	( )
Apron	( )	( )	( )	( )
Hand - gloves inner	( ) rubber or latex	( )	( )	( )
- gloves outer	( ) work gloves	( )	( )	( )
- gloves	( )	( )	( )	( )
Foot - Boots	(+) steel toed	( )	( )	( )
- Boots outer	(x) plastic booties	( )	( )	( )
- Boots	( )	( )	( )	( )

If necessary to avoid contact with soil

c. Description of Levels of Protection. (Cont.) Levels C and B

Task(s)	_____		_____	
	Level _		Level _	
Head	( )_____	( )_____	( )_____	( )_____
Eye & Face	( )_____	( )_____	( )_____	( )_____
Hearing	( )_____	( )_____	( )_____	( )_____
Arms & Legs only	( )_____	( )_____	( )_____	( )_____
Whole Body	( )_____	( )_____	( )_____	( )_____
Apron	( )_____	( )_____	( )_____	( )_____
Hand - gloves	( )_____	( )_____	( )_____	( )_____
- gloves	( )_____	( )_____	( )_____	( )_____
- gloves	( )_____	( )_____	( )_____	( )_____
Foot - Boots	( )_____	( )_____	( )_____	( )_____
- Boots	( )_____	( )_____	( )_____	( )_____
- Boots	( )_____	( )_____	( )_____	( )_____
APR - Neg. Pres. Half Face Cart./Canister	( )_____	( )_____	( )_____	( )_____
Full Face	( )_____	( )_____	( )_____	( )_____
Cart./Canister	( )_____	( )_____	( )_____	( )_____
PAPR	( )_____	( )_____	( )_____	( )_____
Cart./Canister Type C	( )_____	( )_____	( )_____	( )_____
SAR - Airline	( )_____	( )_____	( )_____	( )_____
SCBA	( )_____	( )_____	( )_____	( )_____
Comb.Airline/SCBA	( )_____	( )_____	( )_____	( )_____
Cascade Syst.	( )_____	( )_____	( )_____	( )_____
Compressor	( )_____	( )_____	( )_____	( )_____
Fall Protection	( )_____	( )_____	( )_____	( )_____
Floatation	( )_____	( )_____	( )_____	( )_____
_____	( )_____	( )_____	( )_____	( )_____

IV. Site or Project Hazard Monitoring Program

A. Direct Reading Air Monitoring Instruments

1. Instrument Selection & Initial Check Record

	No.	Task No.(s)	Instrument checked upon receipt	Initials
CGI-	( )		( )	
O_2 -	( )		( )	
CGI/O_2-	( )		( )	
CGI/O_2/tox-PPM,H_2S,H_2S/CO	( )		( )	
RAD-GM, mR meter	( )		( )	
-NaI	(X)	1, 2, 3	( )	
-ZnS	(X)	1, 2, 3	( )	
-OTHER	( )		( )	
PID -HNU 10.2	( )		( )	
-HNU 11.7	( )		( )	
-HNU 9.5,	( )		( )	
-PHOTOVAC,TVA,OTHER	( )		( )	
FID -FOX-128	( )		( )	
-FOX 128GC	( )		( )	
-HEATH,AID,OTHER	( )		( )	
RAM, Mini-RAM, Other	( )		( )	
MONITOX-HCN	( )		( )	
H_2S	( )		( )	
CDCL,	( )		( )	
SO_2,	( )		( )	
OTHER	( )		( )	
Bio-Aerosol Monitor	( )		( )	
Detector Tubes				
Pump - MSA,Draeger,Sensidyne	( )		( )	
- Tubes(No.)/type	( )		( )	( )
- Tubes(No.)/type	( )		( )	( )

Reporting Format X 1.Field notebook. X 2.Field data sheets. ____3.Air monitoring log.____4.Trip report.____5.Other:

2. Direct Reading Air Monitoring Instruments Calibration Record

Instrument, Mfg., Model. Eqp.ID. No.	Date	Time	Calib. Material	Calib. Method Mfg.'s	Other	Initial Setting& Reading	Final Setting& Reading	Calibs Initial

Niagara Site Air Monitoring Program

Air Monitoring Instrument Pu-239 & other particulates

Air Monitoring Frequency	Tasks
____ 1. Periodically ____	1
____ 2. Periodically ____	
X 3. Continuous – (weekly sampling)	
____ 4. Other: ____	

Monitoring Locations	Tasks
X 1. Upwind/downwind of site activities.	
X 2. Near residents, etc.	
____ 3. Key site activity locations:	
____ decon area	
____ staging area	
____ excavation area	
____ field lab area	
____ storage tanks	
____ lagoons	
____ drums	
____ 4. Fixed stations	
____ 5. Other: ____	

Air Monitoring Instrument Tritium Oxide

Air Monitoring Frequency (weekly sampling)	Tasks N/A to this Task
____ 1. Periodically ____	
____ 2. Periodically ____	
X 3. Continuous	
____ 4. Other: ____	

Monitoring Locations	Tasks N/A to this task
✓ 1. Upwind/downwind of site activities.	
____ 2. Near residents, etc.	
____ 3. Key site activity locations:	
____ decon area	
____ staging area	
____ excavation area	
____ field lab area	
____ storage tanks	
____ lagoons	
____ Drums	
____ 4. Fixed stations	
____ 5. Other: Stack Samplers	

D. Action Levels

____ 1. Explosive atmosphere: Tasks _____

Action Level	Action
<10% LEL	Continue investigation
10%-25% LEL	Continue on-site monitoring with extrem caution as higher levels are encounter
>25% LEL	Explosion hazar **Withdraw from area immediately.**

____ 2. Oxygen: Tasks _____

Action Level	Action
<19.5%	Monitor wearing SCBA
	NOTE: Combustible gas readings may not be valid in atmospheres with <19.5% oxy
19.5%-25%	Continue investigation with caution, as Oxygen levels > 21% require extrem caution. Other than normal level may be due to presence of other substances.
>25%	Fire hazard potential. Stop work and Consult a fire safety specialist.

X 3. Radiation: Tasks _____

1 - BKG should be taken around uncontaminated soil offsite - should be ≈ 12 μR/h

Action Level	Action
3 x Bkg - <2 mR/hr	Radiation above background levels (normally 0.01-0.02 mR/hr) signifies possible source(s) radiation present. Continue investigation with caution. Perform thorough monitoring. **Consult with a health physicist.**
> 2 mrem/hr	Potential radiation hazard. Evacuate site. Continue investigation only upon the advice of a health physicist.

____ 4. Organic gases and vapors:

____ 5. Inorganic gases and vapors:

Action Level	Action
Depends on chemical	Consult standard reference manuals for air concentration/ toxicity/ data. Action level depends on PEL/REL/TLV.

These Action Levels, if not defined by regulation, is some percent (usually 50%) of the applicable PEL/REL/TLV. That number must also be adjusted to account for instrument response factors.

Ambient Air Sampling - Decision Logic and action levels to institute Air Sampling

X No air sampling is required on this site.

____ An air sampling plan is incorporated in this HASP.

Check situations which will require or action levels which will apply to deciding to institute or increase scope of planned air sampling.

Meteorological conditions:

___ a. Dry weather for _____ days. ___ b. ambient temperature above ___ F°.

___ c. Wind increasing potential of more contaminant dispersion in or migration out of controlled area.

Activities which will require instituting or increasing scope of air sampling:

___ a. major spills

___ b. new site activity resulting in potential presence of new chemical hazards.

___ c. site activity increases airborne contaminants possibilities.

___ d. Air sampling documentation required for:
___ Downgrading from stipulated level of protection.
___ Documenting no migration of contaminants off site through air

Applicable Action Levels for instituting Air Sampling: (Check as Appropriate)

____ a. Visible vapor/gas clouds or vapors levels, or ____ b. Visible dust or particulate levels measured with Direct Reading Instrument, two - three times background or above action level, sustained over 10-15 minute period.

1) Sampling Matrix/
air interface - Monitor matrix/air interface and breathing zone periodically with DRI, if Vapor levels > 2-3 times background, monitor continuously, follow No. 4.

2) Container opening - Monitor opening and breathing zone periodically with DRI, if Vapor levels > 2-3 times background, monitor opening and breathing zone continuously, follow No. 4.

3) Excavation/Drilling/
Intrusive work - Monitor at ground level and breathing zone periodically with DRI, if Vapor levels > 2-3 times background, monitor opening and breathing zone continuously, follow No. 4.

4) Breathing zone - Ensure level of protection specified in HASP is being used. Consult HASP or Corporate Health and Safety relative to instituting personnel, area or perimeter Sampling.

Other: _____

B. Sample Location

____ 1. Ambient background - Locations: Substances Sampled for

a. _____ _____
b. _____ _____

____ 2. Personal samples, onsite - Locations

a. _____ _____
b. _____ _____
c. _____ _____
d. _____ _____
e. _____ _____
f. _____ _____

____ 3. Personal samples, offsite - Locations

a. _____ _____
b. _____ _____
c. _____ _____
d. _____ _____

____ 4. Fixed onsite samples - Locations:

a. _____ _____
b. _____ _____
c. _____ _____
d. _____ _____
e. _____ _____
f. _____ _____

____ 5. Fixed offsite samples - Locations:

a. _____ _____
b. _____ _____
c. _____ _____
d. _____ _____
e. _____ _____

____ 6. Mobile offsite samples - Locations:

a. _____ _____
b. _____ _____
c. _____ _____

____ 7. Mobile onsite samples - Locations:

a. _____ _____
b. _____ _____
c. _____ _____

____ 8. Background sample stations - Locations

a. _____ _____
b. _____ _____
c. _____ _____

B. Air Sampling

1. Personal Sampling Pumps - Gillian, SKC, MSA No. ( ) _____

Sampling Media - Sorbent Tubes

Task(s)	Location	Duration	Frequency	Type	Anal. Meth

Sampling Media - Filter

Task(s)	Location	Duration	Frequency	Type	Anal. Meth

Sampling Media - Impinger

Task(s)	Location	Duration	Frequency	Type	Anal. Meth

Sampling Media - Air Bag

Task(s)	Location	Duration	Frequency	Type	Anal. Meth

B. Air Sampling

2. Hi-Volume Pumps

Sampling Media - Filter

Task(s)	Location	Duration	Frequency	Type	Anal. Meth

3. PORTABLE GAS CHROMATOGRAPH Task(S) _____ Type _____

Portable GC Analytical Plan: _____

4. Passive Dosimeters

		TASK(S)	TYPE	LOCATION	FREQUENCY	DURATION
Organic Vapor	( )					
Mercury Vapor	( )					
Paper Color Change	( )					
TLD	(x)	1 2 3				
Film Badge	( )					
Liquid Media	( )					

5. WIPE SAMPLING

1. Wipe Sampling Plan _____

C. Physical Hazard and Miscellaneous Monitors and Detectors

		TASK(S)	CALIBRATION RQD?	METHOD	Location	Frequency
SOUND LEVEL METER	( )	_____	( )	_____	_____	_____
NOISE DOSIMETER(s)	( )	_____	( )	_____	_____	_____
OCTAVE BAND ANALYZER	( )	_____	( )	_____	_____	_____
LIGHT METER	( )	_____	( )	_____	_____	_____
ELECTRIC CIRC. DETECTOR	( )	_____	( )	_____	_____	_____
Thermometer	( )	_____	( )	_____	_____	_____
Wind Speed Indic.	( )	_____	( )	_____	_____	_____
Barometer	( )	_____	( )	_____	_____	_____
Psychrometer	( )	_____	( )	_____	_____	_____
Infra Red Thermom.	( )	_____	( )	_____	_____	_____
Micro Wave Detector	( )	_____	( )	_____	_____	_____
pH METER	( )	_____	( )	_____	_____	_____

D. Indicator Kits

		TASK(S)	LOCATION	FREQUENCY
pH PAPER	( )	_____	_____	_____
PEROXIDE PAPER	( )	_____	_____	_____
CHLOR-N-OIL KIT	( )	_____	_____	_____
HAZARD CATAGORIZING KIT	( )	_____	_____	_____
ASBESTOS TEST KIT	( )	_____	_____	_____

G. Work Location Instrument Readings

Location _____

% LEL ____/____/____/____; % O_2 ____/____/____/____; PID ppm ____/____/____

FID ppm ____ ____ ____ Aerosol Monitor mg/M^3 ____/____/____

GM: Shield Probe/Thin Window - mR/hr____/____/____;cpm____/____/____

NaI____/____/____/____uR/hr: ZnS____/____/____/____cpm

(Monitox)ppm: ( )____/____/____/____; ( )____/____/____/____/____;

( )____/____/____/____/____; ( )____/____/____/____/____;

(Detector Tube)(s): ( )____/____/____/____; ( )____/____/____/____;

( )____/____/____/____; ( )____/____/____/____; ( )____/____/____

Sound Levels ____dBA; ____dBA; ____dBA; ____dBA; ____dBA; ____dBA; ____dB

Illumination ____ pH ____ Other____ ____ Other____ ____ Other __

Location _____

% LEL ____/____/____/____; % O_2 ____/____/____/____; PID ppm ____/____/____

FID ppm ____ ____ ____ Aerosol Monitor mg/M^3 ____/____/____

GM: Shield Probe/Thin Window - mR/hr____/____/____;cpm____/____/____

NaI____/____/____/____uR/hr: ZnS____/____/____/____cpm

(Monitox)ppm: ( )____/____/____/____; ( )____/____/____/____/____;

( )____/____/____/____/____; ( )____/____/____/____/____;

(Detector Tube)(s): ( )____/____/____/____; ( )____/____/____/____;

( )____/____/____/____; ( )____/____/____/____; ( )____/____/____

Sound Levels ____dBA; ____dBA; ____dBA; ____dBA; ____dBA; ____dBA; ____dBA

Illumination ____ pH ____ Other____ ____ Other____ ____ Other __

IV. DECONTAMINATION PLAN

1. Personnel Decontamination

Section III C. lists the tasks and specific levels of protection required for each. Consistent with the levels of protection required, step by step procedures for personnel decontamination for each Level of Protection are attached.

2. Levels of Protection Required for Decontamination Personnel

The levels of protection required for personnel assisting with decontamination will be [___ Level B, ___ Level C, X Level D].
(CHECK) Modifications include: Frisk out when leaving area using ZnS scintillometer

4. Equipment Decontamination

A procedure for decontamination steps required for non-sampling equipment and heavy machinery folllows: _____

5. Sampling Equipment Decontamination

Sampling equipment will be decontaminated in accordance with the following procedure: SOP 1.6

3. Disposition of Decontamination Wastes

(Provide a description of waste disposition including identification of storage area, hauler, and final disposal site if applicable.)
Place disposable booties (if used) and decontamination fluids in plastic lined drums. MAUNA will store and dispose of wastes as necessary.

VI. Contingencies

A. Emergency Contacts and Phone Numbers

Agency	Contact	Phone Number
Local Medical Emergency Facility	Sycamore Hospital	(513) 296-7026
WESTON Medical Emergency Contact	AGATHA	(513) 421-3063
WESTON Health and Safety	Jeff Slater/	(505) 884-5050
24 Hour		or 866-6884 onsite
Fire Department	Fire Chief - Dave Heitz	7111 or
		(513) 865-313
Police Department	Security - Mark Gibson	7111 or
		(513) 865-3281
Onsite Coordinator	Dick Neff	(513) 865-3616
Site Telephone	Weston Trailer	(513) 866-6884
Nearest Telephone		TBD

B. Local Medical Emergency Facility(s)

1. Primary

Name of Hospital Sycamore Hospital

Address: 2150 Leiter Rd. Miamisburg, OH Phone No. (513) 296-7026

Name of Contact _____ Phone No. _____

Type of Service - Physical trauma only ( ) Chemical exposure only ( )
Physical trauma & chemical exposure (x) Available 24 hours (x)

Route to Hospital: (Attach Map)
Mound plant south to Benner Rd.and turn left (east) to Gebhart Church Rd. North on Gebhart Church Rd. to Keiter Rd. and turn right. Sycamore hospital is on the right about .5 mile.

Travel Time From Site (Minutes) 5-6 Distance to Hospital (Miles) <5
Name/No. of 24-Hr. Ambulance Service Mound Fire Dept. Medical Response. Dial 7111.

2. Secondary or Special Services Provider

Name of Hospital _____
Address: _____ Phone No. _____
Name of Contact _____ Phone No. _____
Type of Service - Physical trauma only ( ) chemical exposure only ( )
Physical trauma & chemical exposure ( ) Available 24 hours ( )
Route to Hospital: (Attach Map) _____

Travel Time From Site (Minutes) _____ Distance to Hospital (Miles) _____
Name/No. of 24 Hr. Ambulance Service _____

VI. Contingencies (Continued)

C. Response Plans

1. Medical - General

In case of minor injuries to personnel, first aid treatment will be initiated by trained personnel in the field. First-aid treatment is available from Mound Plant paramedics (ext. 7111). In case of serious injuries, the victim will be transported to Sycamore Hospital as soon as possible.

2. Special First Aid Procedures

Hydro fluid onsite ( ) Y/N

a. Attach HF procedure and ensure solution is on site.

Cyanides on site ( ) Y/N

Location

b. Confirm that Local Med. Emerg. Facility has antidote kit.

a. First Aid Kit - Onsite

Type OSHA Approved (First Responder)

a.

In vehicles

b. Eyewash Required Y/N (Y) (If Handling Corrosives)

Location	Location
On Site	

c.

c. Safety Shower (N) Y/N

Location	Location
On Site	

3. Plan for Response to Fire/Explosion

A fire emergency will be handled by evacuating the work area and immediately notifying the Mound Plant fire department (ext. 7111). Only if a fire appears to be small and easily extinguishable will field personnel attempt to put out the fire with available fire extinguishers. The Mound Plant fire department will be notified of any fires. If an explosion occurs, all personel will be evacuated, and no one will reenter the work area until it has been cleared by Mound Plant fire department personnel.

4. Fire extinguisher

a. Type	b. Location
B.C	Vehicles

5. Plan for Response to Spill/Release

Call 7111. Continue monitoring and arrange with Mound personnel to contain and clean up spill. If drums are encountered and not punctured, the excavation will be covered.

6. Spill Response Gear

Description	Location

6. Plan for Response to Security Problems

Contact Mound security.

VII. Site Personnel and Certification Status

A. WESTON

Name	Title	Task(s)	Medical Current	Fit Test Current Qual.	Fit Test Current Quant.	Training Current	Certification Level or Description
1. Ted Hartfelder	Field Team	1	(X)	( )	( )	(X)	(C-T, B-T) ?
2.			( )	( )	( )	( )	( )
3.			( )	( )	( )	( )	( )
4.			( )	( )	( )	( )	( )
5.			( )	( )	( )	( )	( )
6.			( )	( )	( )	( )	( )
7.			( )	( )	( )	( )	( )
8.			( )	( )	( )	( )	( )
9.			( )	( )	( )	( )	( )
10.			( )	( )	( )	( )	( )
11.			( )	( )	( )	( )	( )
12.			( )	( )	( )	( )	( )
Site Health and Safety Coordinator (SHSC)							
13. Miles Smith			(X)	(X)	(X)	(X)	(D-S, B-T)

(a) Training - All personnel, including visitors, entering the exclusion or contamination reduction zones must have certifications of completion of training in accordance with OSHA 29 CFR 1910 29, CFR 1926/1920 or 29 CFR 1910.120.

(b) Respirator Fit Testing - All persons, including visitors, entering any area requiring the use or potential use of any negative pressure respirator must have had, as a minimum, a qualitative fit test, administered in accordance with OSHA 29 CFR 1910.134 of ANSI within the last 12 months. If site conditions require the use of a full-face, negative pressure, air purifying respirator for protection from asbestos or lead, employees must have had a quantitative fit test, administered according to OSHA 29 CFR 1910.1002 or 1025 within the last 6 months.

(c) Medical Monitoring Requirements - All personnel, including visitors, entering the exclusion or contamination reduction zones must be certified as medically fit to work, and to wear a respirator, if appropriate, in accordance with 29 CFR 1910, 29 CFR 1926/1910 or 29 CFR 1910.120.

The Site Health and Safety Coordinator is responsible for verifying all certifications and fit tests.

B. Subcontractor's Health and Safety Program Evaluation

Name and address of subcontractor: N/A

Activities to be conducted by subcontractor: _____

EVALUATION CRITERIA

Item	Acceptable	Unacceptable	Comments
Medical Program meets OSHA/WESTON Criteria	( )	( )	_____
Personal Protective Equipment Available:			
a. meets OSHA criteria,	( )	( )	_____
b. is as specified in WLHASP	( )	( )	_____
On-Site Monitoring Equipment Available, Calibrated and Operated Properly	( )	( )	_____
Safe Working Procedures Clearly Specified	( )	( )	_____
Training meets OSHA/WESTON Criteria	( )	( )	_____
Emergency Procedures	( )	( )	_____
Decontamination Procedures	( )	( )	_____
General Health and Safety Program Evaluation	( )	( )	_____

Additional Comments: _____

Evaluation conducted by: _____ Date: _____

C. Subcontractor

Name	Title	Task(s)	Medical Current a.	Fit Test Current Qual. b.	Fit Test Current Quant. b.	Training Current c.	Certification Level or Description
1.			( )	( )	( )	( )	
2.			( )	( )	( )	( )	
3.			( )	( )	( )	( )	
4.			( )	( )	( )	( )	
5.			( )	( )	( )	( )	
6.			( )	( )	( )	( )	
7.			( )	( )	( )	( )	

VII. HEALTH AND SAFETY PLAN APPROVAL/SIGN OFF FORMAT

1. Site Name Mound 2. (WO#) 2744-40-13-138

Work Location Address 1 Mound Rd, Miamisburg OH 45343
(Street Address) (City) (State) (Zip)

I have read, understood, and agreed with the information set forth in this Health and Safety Plan (and attachments) and discussed in the Personnel Health and Safety briefing.

Site Safety Co-ordinator	Signature	Date
T. HARTFELDER	T Hartfelder	26-AUG-91
Name	Signature	Date
Jeff L. BRASWELL	Jeff L Braswell	25 AUG 91
Name	Signature	Date
KEVIN BATE	[illegible]	3 SEPT 91
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date
Name	Signature	Date

VIII. Training and Briefing Topics

The following items will be covered at the site specific training meeting, daily or periodically.

Site Specific Training Meeting	Daily	Periodically	
_____	_____	_____	Site characterization and analysis, Sec. 3.0; 29 CFR 1910.120 i.
_____	_____	_____	Physical hazards, Table 3.2.
_____	_____	_____	Chemical hazards, Table 3.1.
_____	_____	_____	Animal bites, stings and poisonous plants.
_____	_____	_____	Etiologic (Infectious) Agents.
_____	_____	_____	Site control, Sec. 8.0; 29 CFR 1910.120 d.
_____	_____	_____	Engineering controls and work practices, Sec. 8.5; 29 CFR 1910.120 g.
_____	_____	_____	Heavy Machinery.
_____	_____	_____	Forklift
_____	_____	_____	Backhoe
_____	_____	_____	Equipment
_____	_____	_____	Tools
_____	_____	_____	Ladder 29 CFR 1910.27 d.
_____	_____	_____	Overhead and Underground Utilities
_____	_____	_____	Scaffolds
_____	_____	_____	Structural Integrity
_____	_____	_____	Unguarded Openings-wall, Floor, Cailings (?).
_____	_____	_____	Pressurized Air Cyclinders
_____	_____	_____	Personnel Protective Equipment, Sec. 5.0; 29 CFR 1910.120 g; 29 CFR 1910.134

Site Specific Training Meeting	Daily	Periodically	
_____	_____	_____	Respiratory Protection Sec. 8.8; 29 CFR 1910.120g; Z88.2-1980.
_____	_____	_____	Level A
_____	_____	_____	Level B
_____	_____	_____	Level C
_____	_____	_____	Level D
_____	_____	_____	Monitoring, Sec. 7.0; 29 CFR 1910.120 h.
_____	_____	_____	Decontamination, Sec. 9.0; 29 CFR 1910.120 k.
_____	_____	_____	Emergency Response, Sec. 10.0; 29 CFR 1910.120 l.
_____	_____	_____	Elements of an Emergency Response, Sec. 100; 29 CFR 1910.120 l.
_____	_____	_____	Procedures for Handling Site Emergency Incidents, Sec. 10.0; 29 CFR 1910.120 l.
_____	_____	_____	Off Site Emergency Response, 29 CFR 1910.120 l.
_____	_____	_____	Handling Drums and Containers, 29 CFR 1910.120 j.
_____	_____	_____	Opening Drums and Containers
_____	_____	_____	Electrical Material Handling Equipment.
_____	_____	_____	Radioactive Waste.
_____	_____	_____	Shock Sensitive Waste.
_____	_____	_____	Laboratory Waste Packs.
_____	_____	_____	Sampling Drums and Containers.
_____	_____	_____	Shipping and Transport, 49 CFR 172.101
_____	_____	_____	Tank and Vault Procedures.
_____	_____	_____	Illumination, 29 CFR 1910.120 m.
_____	_____	_____	Sanitation, 29 CFR 1910.120 n.

Attachment 1. Level D/Modified Level D Decontamination
(Check indicated Functions or add steps as necessary)

STEP	FUNCTION	DESCRIPTION OF PROCESS, SOLUTION AND CONTAINER
( )	Segregated equipment drop	
	Boot cover and glove wash	
( )	Boot cover and glove rinse	
( )	Tape removal - outer glove and boot	
(X)	Boot cover removal	
(X)	Outer glove removal	
	HOT-LINE	
( )	Suit/safety boot wash	
( )	Suit/boot/glove rinse	
( )	Safety boot removal	
( )	Suit Removal	
( )	Inner glove wash	
( )	Inner glove rinse	
( )	Inner glove removal	
( )	Inner clothing removal	
	CRC/SAFE ZONE BOUNDARY	
( )	Field wash	
( )	Redress	

DISPOSAL PLAN:
END OF DAY: Protective Clothing frisked then dispose of waste

END OF WEEK:

END OF PROJECT:

E. KEY PERSONNEL/ORGANIZATION OF HEALTH AND SAFETY PERSONNEL

1.0 Key Personnel

The following personnel and organizations are key to the activities at this site.

EPA Representatives

Organization/Branch	Name/Title	Address	Telephone
Ohio EPA/Region	Martha Hatcher/ Site Coordinator	40 South Main Street Dayton, Ohio 45402	(513) 285-6357

Roles and Responsibilities: Primary OEPA Contact for Mound Plant

Other EPA Contractors & Subcontractors

Organization/Branch	Name/Title	Address	Telephone

Roles and Responsibilities:

Other Regulatory Agency Representatives

Organization/Branch	Name/Title	Address	Telephone

Roles and Responsibilities:

E

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APPENDIX E

QUALIFIER LIST

QUALIFIER CHANGES RESULTING FROM DATA VALIDATION

EXPLANATION OF ORGANICS DATA QUALIFIERS

For the purposes of this data review document the following code letters and associated definitions are provided:

U - The material was analyzed for, but was not detected. The associated numerical value is the estimated quantitation limit.

R - Quality Control indicates that data are not usable (i.e. compound may or may not be present). Resampling and re-analysis are necessary to determine the presence or absence of the analyte in the sample.

J - The associated numerical value is an estimated quantity because the amount detected is below the quantitation detection limits or because quality control criteria were not met. (See sub-qualifiers listed below.) No sub-qualifier will follow a J if all quality control criteria were met.

UJ-B - The compound is considered to be <u>undetected</u> and the value reported is an estimated quantitation limit because the compound was identified in an associated blank as well as in the sample. The value of this reported quantitation limit (DL) is determined by the amount of the compound found in the sample:

1) the sample value was less than the CRQL: the QL is reported as equal to the CRQL.
2) the sample value was greater than CRQL but less than 5X the amount of the compound found in the blank (less than 10X for methylene chloride, acetone, 2-butanone, toluene and phthalates): the QL is reported as equal to the reported sample value.
3) the sample value was greater than 5X the blank value (10X for compounds noted above), see J-B qualifier.

J-B - The reported value is an estimated amount. The compound was detected in the blank and the quantity reported in the sample is greater than 5X the amount found in the blank (greater than 10X for above compounds), but less than 100X the blank amount.

J-C - The value reported was estimated due to instrument calibration and/or resolution problems. (A "C" flag by the laboratory indicates GC/MS confirmation for Pesticides/PCB's).

J-H - The value reported was estimated due to holding time violation.

J-S - The value reported was estimated due to surrogate or matrix spike recovery problems.

J-I - The value reported was estimated due to internal standard recovery deficiencies.

J-M - Compounds could not be separated or were subject to interference problems attributable to sample matrix.

J-N - Tentative identification of a compound. Resampling and re-analysis would be necessary for verification of identity.

J-A - TIC identified as an aldol condensate.

J-P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I.

Definition of Qualifiers
(Used by Data Reviewer)

The following qualifiers are specified for use by the Functional Guidelines for Inorganic Data Validation.

(R) = Rejected - Data are unusable (Note: Analyte may or may not be present).

(UJ) = Undetected, but the number that is reported as the quantitation limit is an estimated value

(J) = Estimated value

The following subqualifiers give further detail of the type and amount of qualification a given data point has received.

-H = Qualified due to holding time violation

-I = Qualified due to interference problems (ICP serial dilution or ICS, or poor analytical spike recovery by graphite furnace)

-D = Qualified due to duplicate control limits being exceeded

-S = Qualified due to matrix spike recoveries outside control limits

-C = Qualified due to instrument calibration problems

-L = Qualified due to LCS recoveries outside control limits

-B = Qualified due to blank contamination problems

-K = Qualified due to negative blank value problems

-Q = Qualified for other reasons - refer to the text of the report

Example: The percent recovery of the Aluminum matrix spike was only 65%. Undetected values (e.g., Al = 200u) will be flagged as follows:

Al = 200u (UJ-S)

meaning the number being reported at the detection limit (200u) is estimated (UJ) due to spike recovery problems (-S).

Reported positive Aluminum values (e.g., Al = 250) will be flagged as follows:

Al = 250 (J-S)

meaning the reported positive result (250) is estimated (J) due to spike recovery problems (-S).

Table E.1. Qualifier Changes as the Result of Data Validation for Laboratory Batch 9108L587 Rinsate Blanks

Volatiles

Analyte	Data Validation	
	Sample 182A91	Sample 129A91
Dichloromethane	UJ-B	UJ-B
Trichloromethane	J-N	
2-Butanone	R-C	R-C
1,1,2,2-Tetrachloroethane	UJ-C	
Bromoform		UJ-C

Note: No other qualifier changes were made.

Table E.2. Qualifier Changes as the Result of Data Validation for Laboratory Batch 9108L577

Volatiles

Analyte	Samples/Locations	
	80-2001	80-2002
Dichloromethane	UJ-B	UJ-B
Acetone	Quantitation* limit - 220 µg/kg	Quantitation limit - 280 µg/kg
2-Butanone	R-C	R-C
Carbon tetrachloride	UJ-C	UJ-C
Bromoform	UJ-C	UJ-C

Analyte	Sample/Location				
	90-0001	92-0001	93-0001	98-0001	103-0001
Bromomethane	UJ-C	UJ-C	UJ-C	UJ-C	UJ-C
Dichloromethane	UJ-BC	UJ-CB	UJ-CB	UJ-CB	UJ-CB
Acetone	UJ-BC	UJ-CB	UJ-CB	UJ-CB	UJ-CB
2-Butanone	UJ-C	UJ-C	UJ-C	UJ-C	UJ-C
Vinyl acetate	UJ-C	UJ-C	UJ-C	UJ-C	UJ-C
4-Methyl-2-pentanone			UJ-I		UJ-C
2-Hexanone			UJ-I		UJ-C
Tetrachloroethene			UJ-I		
1,1,2,2-Tetrachloroethane			UJ-I		UJ-C
Toluene			UJ-I		
Chlorobenzene			UJ-I		
Ethylbenzene			UJ-I		
Styrene			UJ-I		
Xylene (total)			UJ-I		
Carbon disulfide					UJ-C

Table E.2. (page 2 of 3)

Analyte	Sample/Location				
	96-0001 97-0001	102-1001 94-0001 95-0001 99-0001	100-0001	102-0001	101-0001
Chloromethane	UJ-I	UJ-S	UJ-SI	UJ-CS	UJ-S
Bromomethane	UJ-CI	UJ-CS	UJ-CSI	UJ-CS	UJ-CS
Chloroethene	UJ-I	UJ-S	UJ-SI	UJ-S	UJ-S
Chloroethane	UJ-I	UJ-S	UJ-SI	UJ-S	UJ-S
Dichloromethane	UJ-CBI	UJ-CBS	UJ-CBSI	UJ-BCS	UJ-CBS
Acetone	UJ-CBI	UJ-CBS	UJ-CBSI	UJ-CS	UJ-CS
Carbon disulfide	UJ-I	UJ-S	UJ-SI	UJ-CS	UJ-S
1,1-Dichloroethene	UJ-I	UJ-S	UJ-SI	UJ-S	UJ-S
1,1-Dichloroethane	UJ-I	UJ-S	UJ-SI	UJ-S	UJ-S
1,2-Dichloroethene (total)	UJ-I	UJ-S	UJ-SI	UJ-S	UJ-S
Trichloromethane	UJ-I	UJ-S	UJ-SI	UJ-S	UJ-S
1,2-Dichloroethane	UJ-I	UJ-S	UJ-SI	UJ-S	UJ-S
2-Butanone	UJ-CI	UJ-CS	UJ-CSI	UJ-CS	UJ-S
1,1,1-Trichloroethane	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
Carbon tetrachloride	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
Vinyl acetate	UJ-CI	UJ-CIS	UJ-CSI	UJ-CS	UJ-CIS
Bromodichloromethane	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
1,2-Dichloropropane	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
1,3-*cis*-Dichloropropene	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
Trichloroethene	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
Dibromochloromethane	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
1,1,2-Trichloroethane	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS

Table E.2. (page 3 of 3)

Analyte	Sample/Location				
	96-0001 97-0001	102-1001 94-0001 95-0001 99-0001	100-0001	102-0001	101-0001
Benzene	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
1,3-*trans*-Dichloropropene	UJ-I	UJ-IS	UJ-SI	UJ-S	UJ-IS
2-Hexanone	UJ-I	UJ-IS	UJ-SI	UJ-CS	UJ-CIS
Tetrachloroethene	UJ-I	UJ-IS	UJ-SI	UJ-CS	UJ-CIS
1,1,2,2-Tetrachloroethane	UJ-I	UJ-IS	UJ-SI	UJ-CS	UJ-IS
Toluene	UJ-I	UJ-IS	UJ-SI	UJ-CS	UJ-IS
Chlorobenzene	UJ-I	UJ-IS	UJ-SI	UJ-CS	UJ-IS
Ethylbenzene	UJ-I	UJ-IS	UJ-SI	UJ-CS	UJ-IS
Styrene	UJ-I	UJ-IS	UJ-SI	UJ-CS	UJ-IS
Xylene (total)	UJ-I	UJ-IS	UJ-SI	UJ-CS	UJ-IS

[a]Based on a 2x dilution.

Table E.3. Qualifier Changes as the Result of Data Validation for Laboratory Batch 9108L577

Semivolatiles

Analyte	Sample/Location					
	90-001	92-0001	92-1001	93-0001	94-0001	95-0001
2-Methylphenol						
N-Nitroso-di-n-proplamine	UJ-C					
Benzoic acid		UJ-C	UJ-C	UJ-C	UJ-C	UJ-C
3-Nitrosoaniline	UJ-C					
2,4-Dinitrophenol	UJ-C	UJ-C	UJ-C	UJ-C	UJ-C	UJ-C
Fluorene						
4-Nitroanaline	UJ-C					
Hexachlorobenzene	UJ-C					
Butylbenzylphthalate	UJ-C					
3,3'-Dichlorobenzidine	UJ-C					
bis(2-ethylhexyl)phthalate	J-C			J-N		
Di-n-octyl-phthalate	UJ-I			J-NI		
Benzo(b)fluoranthene	UJ-CI			J-I		
Benzo(k)fluoranthene	UJ-I			J-I		
Benzo(a)pyrene	UJ-I			J-I		
Indeno(1,2,3-cd)pyrene	UJ-I			J-I		
Dibenzo(a,h)anthracene	UJ-CI			UJ-I		
Benzo(g,h,i)perylene	UJ-I			J-I		
Aldol condensate	J-NA	J-NA	J-AN	J-AN	J-AN	J-AN
Adiphate		J-N	J-N	J-N	J-N	J-N
Unknown				J-N		
Alkanes (4)					J-N	J-N

Table E.3. (page 2 of 2)

Analyte	Sample/Location					
	101-0001	102-0001	102-1001	103-0001		
Benzoic acid	UJ-C	UJ-C	UJ-C	UJ-C		
2,4-Dinitrophenol	UJ-C	UJ-C	UJ-C	UJ-C		
2,6-Dinitro-2-methylphenol	UJ-C	UJ-C				
3,3'-Dichlorobenzidine	UJ-C	UJ-C				
Adiphate	J-N	J-N	J-N			
Aldol condensate		UJ-AND	J-AN			
	99-0001	100-0001				
bis(2-chloroisopropyl)ether	UJ-C	UJ-C				
n-Nitroso-di-n-propylamine	UJ-C	UJ-C				
Nitrobenzene	UJ-C	UJ-C				
Isophorone	UJ-C	UJ-C				
2-Nitroanaline	UJ-C	UJ-C				
2,4-Dinitrophenol	UJ-C	UJ-C				
4-Nitrophenol	UJ-C	UJ-C				
Aldol concentrate	J-AN[a]	J-AN				
Alkane	J-N	J-N[b]				
Adiphate	J-N	J-N				
Methylalkane	J-N[c]					
Dimethylalkane	J-N					
Methylocline	J-N					
Organic acid	J-N					

[a]RT = 4.78-4.82
[b]RT = 5.28
[c]RT = 15.57
[d]RT = 24.10
[e]RT = 11.90
[f]All
RT - retention time

Table E.4. Qualifier Changes as the Result of Data Validation for Laboratory Batch 9108L577

Pesticides/PCBs

Analyte	Qualifier	Sample/Location
Aldrin	UJ-C	90-0001
		92-0001
		92-1001
		93-0001
		94-0001
		95-0001
		96-0001
		97-0001
		98-0001
		99-0001
		100-0001
		101-0001
		102-0001
		102-1001
		103-0001

PCB - polychlorinated biphenyl

Table E.5. Qualifier Changes due to Data Validation for Laboratory Batch 9108L577

Inorganics

Analyte	Sample/Location							
	90-0001 92-0001 93-0001 94-0001 95-0001 96-0001 97-0001	98-0001	99-0001	100-0001	101-0001	102-0001	102-1001	103-0001
Aluminum								
Antimony	UJ-SI	UJ-S	UJ-SI	UJ-SI	UJ-IS	UJ-IS	UJ-IS	UJ-IS
Arsenic		J-I						
Barium	J-I		J-I	J-I	J-I	J-I	J-I	J-I
Cadmium	UJ-S	UJ-S	UJ-S	UJ-S	UJ-S	UJ-S	NJ-S	UJ-S
Calcium								
Chromium								
Cobalt	J-S	J-S	J-S	J-S	J-S	J-S	J-S	J-S
Copper								
Iron								
Lead								J-I
Magnesium								
Manganese								
Mercury								
Potassium	J-KI					J-I	J-I	J-I
Selenium	UJ-IS	UJ-IS	UJ-IS	UJ-I	UJ-S	UJ-IS	UJ-IS	NJ-IS
Silver	UJ-I	UJ-L	UJ-L	UJ-L	J-L	UJ-L	UJ-L	UJ-L
Sodium	J-I			J-I	J-I	J-I	J-I	VJ-I
Thallium	UJ-IS	UJ-KS	UJ-IKS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS
Vanadium	J-I		J-I	J-I	J-I	UJ-BI	J-I	J-I
Zinc								
Cyanide	UJ-H	UJ-H	UJ-H	VJ-H	UJ-H	UJ-H	UJ-H	UJ-H

Table E.6. Qualifier Changes is the Result of Data Validation for Laboratory Batch 9108L568

Semivolatiles

Analyte	Sample/Location						
	80-1001	82-0001	83-0001	84-0001	85-0001	88-0001	91-0001
Phenol							
bis(2-Chloroethyl)ether							
2-Chlorophenol							
1,3-Dichlorobenzene							
1,4-Dichlorobenzene							
Benzyl alcohol							
1,2-Dichlorobenzene							
2-Methylphenol							
bis(2-Chloroisopropyl)ether							
4-Methylphenol							
N-Nitroso-Di-n-propylamine							
Hexachloroethane							
Nitrobenzene				UJ-I	UJ-I		
Isophorone				UJ-I	UJ-I		
2-Nitrophenol				UJ-I	UJ-I		
2,4-Dimethylphenol				UJ-I	UJ-I		
Benzoic acid	UJ-C			UJ-I	UJ-I	UJ-C	UJ-C
bis(2-Chloroethoxy)methane				UJ-I	UJ-I		
2,4-Dichlorophenol				UJ-I	UJ-I		
1,2,4-Trichlorobenzene				UJ-I	UJ-I		
Napthalene				UJ-I	UJ-I		
4-Chloroaniline				UJ-I	UJ-I		
Hexachlorobutadiene	UJ-C			UJ-I	UJ-I		

Table E.6. (page 2 of 4)

Analyte	Sample/Location						
	80-1001	82-0001	83-0001	84-0001	85-0001	88-0001	91-0001
4-Chloro-3-methylphenol				UJ-I	UJ-I		
2-Methylnapthalene				UJ-I	UJ-I		
Hexachlorocyclopentadiene				UJ-C	UJ-C	UJ-C	UJ-C
2,4,6-Trichlorophenol							
2,4,5-Trichlorophenol							
2-Chloronapthalene							
2-Nitroaniline	UJ-C			UJ-C	UJ-C	UJ-C	UJ-C
Dimethylphthalate							
Acenaphthylene							
2,6-Dinitrotoluene							
3-Nitroaniline		UJ-C		UJ-C	UJ-C		
Acenaphthene	UJ-C						
2,4-Dinitrophenol	UJ-C	UJ-C		UJ-C	UJ-C	UJ-C	UJ-C
4-Nitrophenol	UJ-I	UJ-C	UJ-C	UJ-C	UJ-C	UJ-C	UJ-C
Dibenzofuran	UJ-I					UJ-I	UJ-I
2,4-Dinitrotoluene	UJ-I			UJ-C	UJ-C	UJ-I	
Diethylphthalate	UJ-I					UJ-I	
4-Chlorophenyl-phenylether	UJ-I					UJ-I	
Fluorene	UJ-I					UJ-I	
4-Nitroaniline	UJ-I	UJ-C		UJ-C	UJ-C	UJ-I	
4,6-Dinitro-2-methylphenol	UJ-I			UJ-C	UJ-C	UJ-I	
N-Nitrosodiphenylamine (1)	UJ-I					UJ-I	
4-Bromophenyl-phenylether	UJ-I					UJ-I	
Hexachlorobenzene	UJ-I	UJ-C				UJ-I	
Pentachlorophenol	UJ-I					UJ-I	

Table E.6. (page 3 of 4)

Analyte	Sample/Location						
	80-1001	82-0001	83-0001	84-0001	85-0001	88-0001	91-0001
Phenanthrene	UJ-I					J-I	
Anthracene	UJ-I					UJ-I	
Di-n-Butylphthalate	UJ-I					UJ-I	
Fluoranthene	UJ-I					UJ-I	UJ-I
Pyrene	UJ-I					UJ-I	
Butylbenzylphthalate	UJ-I	UJ-C				UJ-I	
3,3'-Dichlorobenzidine	UJ-CI	UJ-C	UJ-C	UJ-C	UJ-C	UJ-CI	UJ-C
Benzo(a)anthracene	UJ-I					UJ-I	
Chrysene	UJ-I					UJ-I	
bis(2-Ethylhexyl)phthalate	UJ-CI	J-C	J-C	J-C	UJ-C	UJ-C	J-C
Di-n-Octylphthalate	UJ-I		UJ-I				
Benzo(b)fluoranthene	UJ-I		J-I				
Benzo(k)fluoranthene	UJ-I		J-I				
Benzo(a)pyrene	UJ-I		J-I				
Indeno(1,2,3-cd)pyrene	UJ-CI		UJ-I			UJ-C	UJ-C
Dibenzo(a,h)anthracene	UJ-CI	UJ-C	UJ-CI	UJ-C	UJ-C	UJ-C	UJ-C
Benzo(g,h,i)perylene	UJ-CI		UJ-I			UJ-C	UJ-C
Sulfur							J-N[f]
Aldol Condensate	J-AN		J-AN[a,b] J-N[c] J-N[d,e]	J-AN[a] J-N[d]	J-AN		
Unknown Alkane							

Table E.6. (page 4 of 4)

Analyte	Sample/Location	
	87-0001	89-0001
Benzoic acid		UJ-C
Hexachlorocyclopentadiene		UJ-C
2-Nitroaniline		UJ-C
3-Nitroaniline		
2,4-Dinitrophenol		UJ-C
4-Nitrophenol	UJ-C	UJ-C
2,4-Dinitrotoluene		
4-Nitroaniline		
4,6-Dinitro-2-methylphenol		
3,3'-Dichlorobenzidine	UJ-C	UJ-C
bis(2-ethylhexyl)phthalate	J-C	UJ-C
Indeno(1,2,3-cd)pyrene		UJ-C
Dibenzo(a,h)anthracene	UJ-C	UJ-C
Benzo(g,h,i)perylene		UJ-C
Aldol condensate	J-AN	J-AN

[a]RT = 5.57-5.58
[b]RT = 6.28
[c]RT = 15-95
[d]RT = 1602
[e]RT = 17.05
[f]RT = 14.15
RT - retention time

Table E.7. Qualifier Changes as the Result of Data Validation for Laboratory Batch 9108L568

Pesticides/PCBs

Analyte	Qualifier	Sample/Location
Aldrin	UJ-C	80-0001
		80-1001
		81-0001
		82-0001
		83-0001
		84-0001
		85-0001
		86-0001
		87-0001
		88-0001
		89-0001
		91-0001

PCB - polychlorinated biphenyl

Table E.8. Qualifier Changes Due to Data Validation for Laboratory Batch 9108L568

Inorganics

Analtye	Sample/Location									
	80-0001 81-0001	80-1001	82-0001 86-0001	83-0001	84-0001	85-0001	87-0001	88-0001	89-0001	91-0001
Aluminum										
Antimony	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS
Arsenic	J-S	J-S	J-S	J-S	J-s	J-S	J-S	J-S	J-S	J-S
Barium	J-I	J-I	J-I	UJ-BI	UJ-BI	J-I	UJ-BI	UJ-B	UJ-BI	UJ-BI
Beryllium										
Cadmium										
Calcium	J-D	J-D	J-D	J-D	J-D	J-D	J-D	J-D	J-D	J-D
Chromium										
Cobalt										
Copper										
Iron										
Lead	J-S	J-S	J-S	J-S	J-S	J-S	J-S	J-S	J-S	J-S
Magnesium										
Manganese	J-IS	J-IS	J-IS	J-IS	J-IS	J-IS	J-IS	J-IS	J-IS	J-IS
Mercury	R-S	J-S	R-S	R-S	R-S	R-S	J-S	R-S	R-S	R-S
Nickel	J-I	J-I	J-I	J-I	J-I	J-I	J-I	J-I	J-I	J-I
Potassium										
Selenium	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS

Table E.8. (page 2 of 2)

Analtye	Sample/Location									
	80-0001 81-0001	80-1001	82-0001 86-0001	83-0001	84-0001	85-0001	87-0001	88-0001	89-0001	91-0001
Silver										
Sodium	J-I	J-I	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI
Thallium	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS	UJ-IS
Vanadium	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI	UJ-BI
Zinc	J-I	J-I	UJ-BI	J-I	UJ-BI	J-I	J-I	UJ-BI	UJ-BI	
Cyanide										

F

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APPENDIX F

STATISTICAL ANALYSIS

data file: c:\mound\14org.CSS [27 cases with 18 variables]

VARIABLE LIST and missing data values:

```
var.   2:        B  ANTHRACENE
                   100  ANTHRACE
var.   3:        C  BENZO(A)ANTHRACENE
var.   4:        D  BENZO(A)PYRENE
var.   5:        E  BENZO(B)FLUORANTHENE
var.   6:        F  BENZO(G,H,I)PERYLENE
var.   7:        G  BENZO(K)FLUORANTHENE
var.   8:        H  BENZOIC ACID
                   100
var.   9:        I  BIS(2-ETHYLHEXYL)PHTHALATE
var.  10:        J  CARBON DISULFIDE
                   100  CARBON_D
var.  11:        K  CHRYSENE
                   100  CHRYSENE
var.  12:        L  DI-N-BUTYL PHTHALATE
var.  13:        M  DIELDRIN
                   100  DIELDRIN
var.  14:        N  FLUORANTHENE
                   100  FLUORANT
var.  15:        O  INDENO(1,2,3-CD) PYRENE
var.  16:        P  PHENANTHRENE
                   100  PHENANTH
var.  17:        Q  PYRENE
                   100  PYRENE
var.  18:        R  TOLUENE
                   100  TOLUENE
```

SD = SQRT (SUM (d**2)/(n-1))

css/3: basic stats	Descriptive Statistics N. of Cases = 24 [from 27] (MD pairwise deleted)					
	N	Min	Max	Mean	St. Err.	[SS/N] St. Dev.
B	24	170.0000	262.500	185.6250	3.54243	17.3543
C	24	175.0000	355.000	196.5625	9.38404	45.9722
D	24	175.0000	350.000	196.3542	9.23857	45.2595
E	24	175.0000	350.000	196.3542	9.23857	45.2595
F	24	175.0000	350.000	192.8125	7.41461	36.3240
G	24	175.0000	350.000	196.3542	9.23857	45.2595
H	24	850.0000	1750.000	966.3208	37.19811	182.2328
I	24	262.5000	390.000	355.0333	6.19281	30.3384
J	24	3.0000	7.500	3.1875	.18355	.8992
K	24	175.0000	350.000	192.8125	7.41461	36.3240
L	24	170.0000	360.000	189.4792	7.38920	36.1995
M	24	8.5000	44.500	11.5938	1.53410	7.5155
N	24	175.0000	360.000	215.1042	13.05743	63.9681
O	24	175.0000	350.000	192.8125	7.41461	36.3240
P	24	175.0000	350.000	204.0625	10.33385	50.6253
Q	24	175.0000	350.000	207.6042	11.56905	56.6765
R	24	3.0000	4.500	3.0625	.06118	.2997

css/3: basic stats	Descriptive Statistics N. of Cases = 24 [from 27] (MD pairwise deleted)			
	p=.9500 Up.limit	p=.9500 Dn.limit	Skewness	Kurtosis
B	193.143	178.1069	3.33285	11.80035
C	216.478	176.6468	2.75086	6.03972
D	215.961	176.7472	2.74202	5.98019
E	215.961	176.7472	2.74202	5.98019
F	208.548	177.0766	3.32653	10.76352
G	215.961	176.7472	2.74202	5.98019
H	1045.266	887.3756	3.25438	10.42443
I	368.176	341.8904	-2.02018	3.68126
J	3.577	2.7979	4.30362	17.24479
K	208.548	177.0766	3.32653	10.76352
L	205.161	173.7971	4.06047	15.85209
M	14.850	8.3379	3.31269	11.14168
N	242.816	187.3925	1.42493	.18793
O	208.548	177.0766	3.32653	10.76352
P	225.994	182.1311	2.00086	2.60906
Q	232.157	183.0513	1.76084	1.35968
R	3.192	2.9326	4.30362	17.24479

AREA 14 PLUTONIUM AND THORIUM DATA (pCi/g)

data file: C:\mound\14PU_TH.CSS [24 cases with 3 variables]

VARIABLE LIST and missing data values:

2 PU_238	3 TH_232

SD = SQRT (SUM (d**2)/(n-1))

css/3: basic stats	Descriptive Statistics N. of Cases = 24 (MD pairwise deleted)					
	N	Min	Max	Mean	St. Err.	St. Dev.
PU_238	24	0.000000	38.00000	13.14583	1.704502	8.350318
TH_232	24	.700000	2.05000	1.28958	.089279	.437378

css/3: basic stats	Descriptive Statistics N. of Cases = 24 (MD pairwise deleted)			
	p=.9500 Up.limit	p=.9500 Dn.limit	Skewness	Kurtosis
PU_238	16.68712	9.604552	.813738	1.21911
TH_232	1.47507	1.104096	.431952	-1.35444

AREA 14 MERCURY IN SOILS (MG/KG)

data file: C:\mound\14soils.CSS [25 cases with 22 variables]

VARIABLE LIST and missing data values:

var. 10: MERCURY 100 MERCURY

SD = SQRT (SUM (d**2)/(n-1))

css/3: basic stats	Descriptive Statistics N. of Cases = 15 [from 25] (MD pairwise deleted)					
	N	Min	Max	Mean	St. Err.	St. Dev.
MERCURY	15	.053000	.160000	.061867	.007011	.027153

css/3: basic stats	Descriptive Statistics N. of Cases = 15 [from 25] (MD pairwise deleted)			
	p=.9500 Up.limit	p=.9500 Dn.limit	Skewness	Kurtosis
MERCURY	.077011	.046723	3.130841	8.378631

data file: c:\mound\14soils.CSS [25 cases with 21 variables]

VARIABLE LIST and missing data values:

```
var.   2:   BARIUM
                    100  BARIUM
var.   3:  ARSENIC
                    100  ARSENIC
var.   4:     ZINC
                    100  ZINC
var.   5: VANADIUM
                    100  VANADIUM
var.   6: POTASSIU
                    100  POTASSIU
var.   7:  NITRATE
                    100  NITRATE
var.   8:   NICKEL
                    100  NICKEL
var.   9:  MERCURY
                    100  MERCURY
var.  10: MANGANES
                    100  MANGANES
var.  11: MAGNESIU
                    100  MAGNESIU
var.  12:     IRON
                    100  IRON
var.  13: CHROMIUM
                    100  CHROMIUM
var.  14:   COPPER
                    100  COPPER
var.  15: ALUMINUM
                    100  ALUMINUM
var.  16:  SULFATE
                    100  SULFATE
var.  17:     LEAD
                    100  LEAD
var.  18:  %SOLIDS
                    100  %_SOLIDS
var.  19:  CALCIUM
                    100  CALCIUM
var.  20: CHLORIDE
                    100  CHLORIDE
var.  21:  CYANIDE
                    100  CYANIDE
```

SD = SQRT (SUM (d**2)/(n-1))

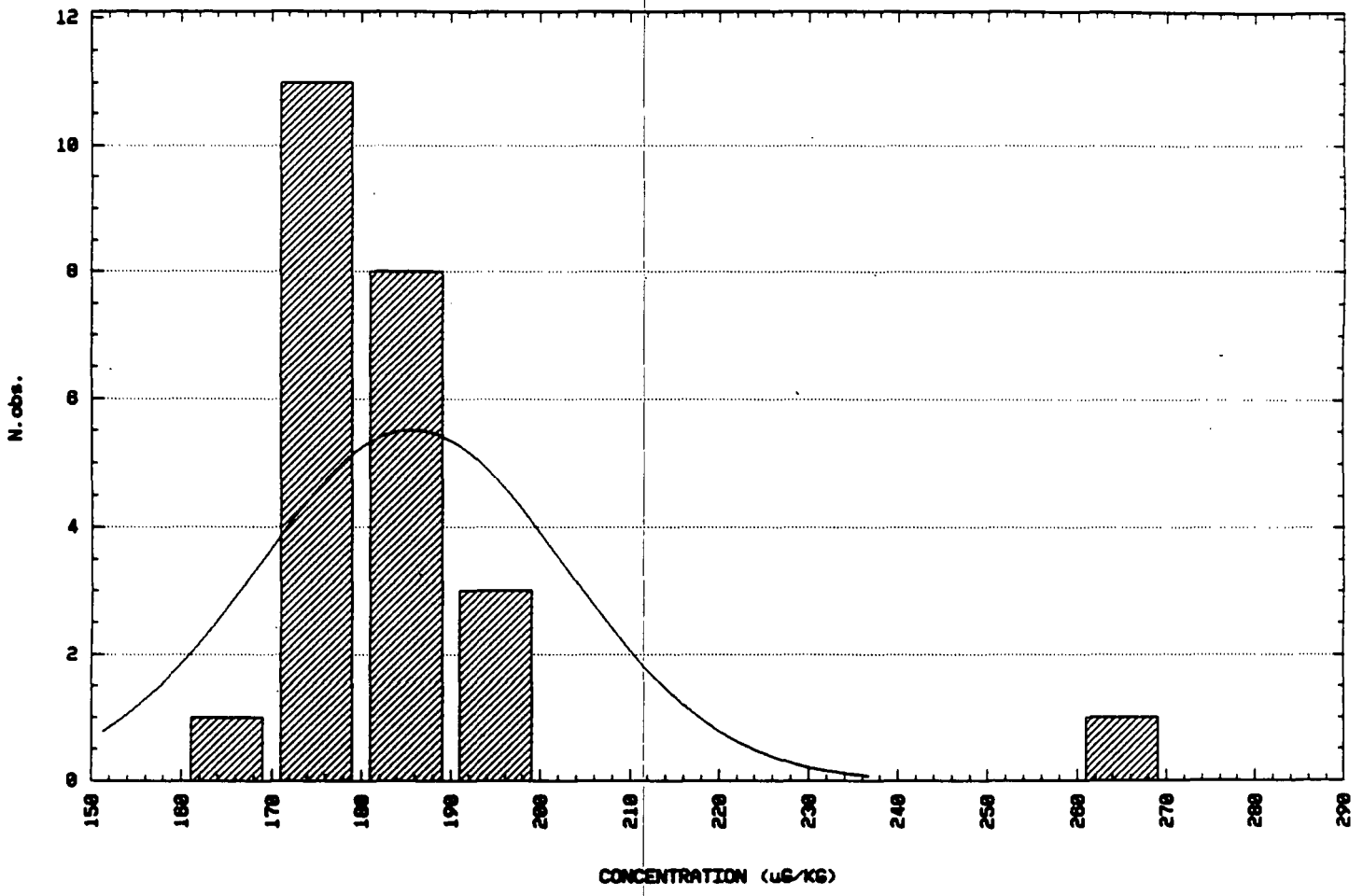
css/3: basic stats	Descriptive Statistics N. of Cases = 24 [from 25] (MD pairwise deleted)					
	N	Min	Max	Mean	St. Err.	[SS/N] St. Dev.
BARIUM	24	39.10	61.9	43.6	.878	4.30
ARSENIC	24	1.05	5.2	3.1	.242	1.19
ZINC	24	19.60	1180.0	85.1	46.639	228.48
VANADIUM	24	14.80	21.7	18.1	.405	1.98
POTASSIU	24	489.00	1920.0	863.5	94.911	464.97
NITRATE	24	.70	35.8	8.7	1.839	9.01
NICKEL	24	3.90	28.9	14.7	1.671	8.19
MERCURY	24	.05	.3	.1	.011	.06
MANGANES	24	229.00	806.0	422.1	30.742	150.60
MAGNESIU	24	7010.00	48300.0	27390.8	2778.404	13611.35
IRON	24	7400.00	31900.0	16653.8	1630.510	7987.83
CHROMIUM	24	4.00	17.7	9.0	.971	4.75
COPPER	24	6.45	23.6	14.3	1.016	4.98
ALUMINUM	24	1820.00	12600.0	6297.9	723.633	3545.06
SULFATE	24	30.80	3440.0	456.6	139.310	682.48
LEAD	24	3.00	23.3	8.0	.926	4.53
%SOLIDS	24	82.70	93.9	89.9	.640	3.14
CALCIUM	24	29200.00	174000.0	102479.2	9504.281	46561.28
CHLORIDE	24	3.10	60.1	19.4	3.022	14.81
CYANIDE	24	.50	2.4	.7	.100	.49

AREA 14 INGANIC DATA (mG/KG)

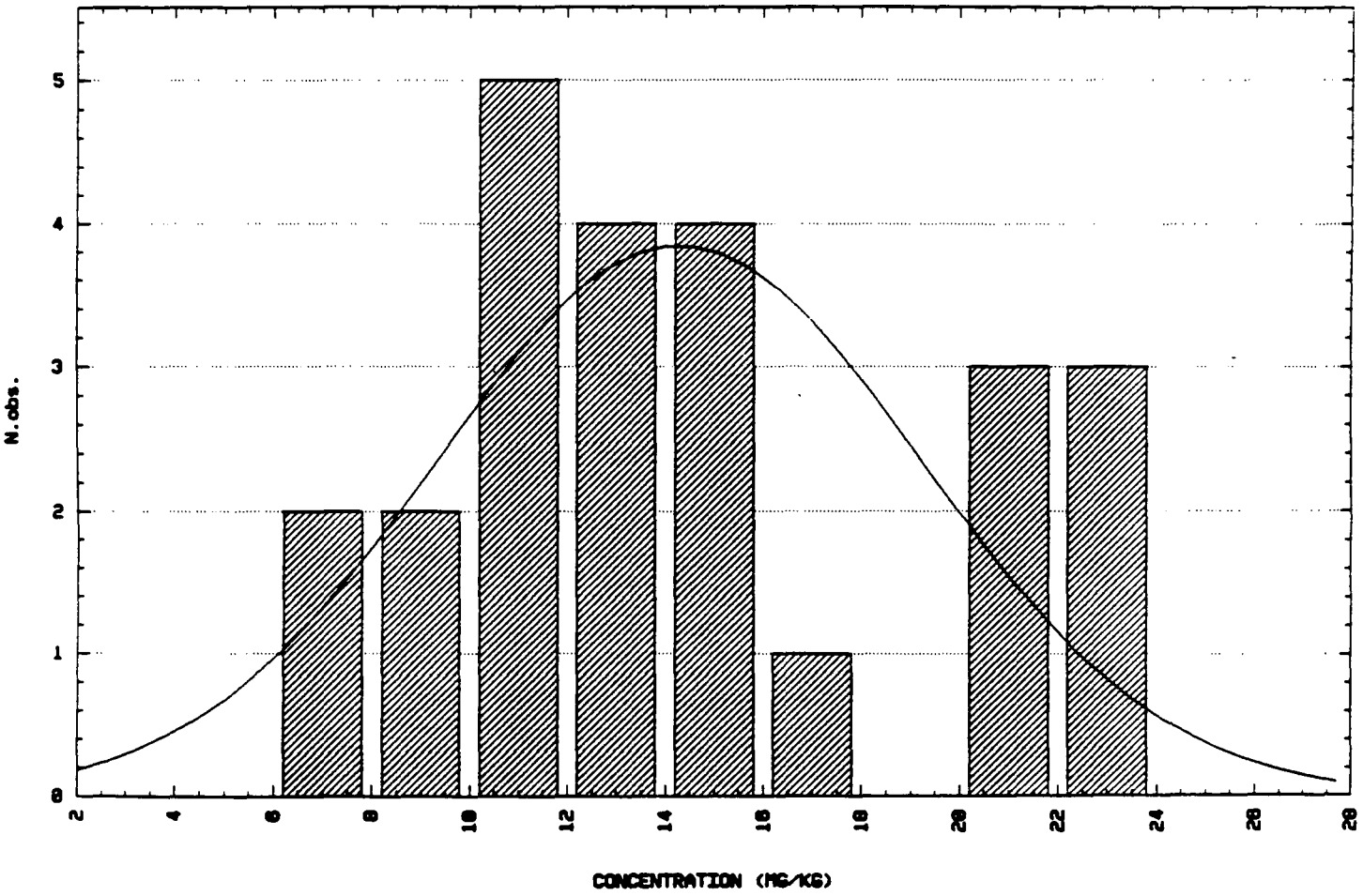
css/3: basic stats	Descriptive Statistics N. of Cases = 24 [from 25] (MD pairwise deleted)			
	p=.9500 Up.limit	p=.9500 Dn.limit	Skewness	Kurtosis
BARIUM	45.4	41.74	2.962942	9.76653
ARSENIC	3.6	2.57	.035796	-1.05627
ZINC	182.0	-11.77	4.292026	17.17869
VANADIUM	18.9	17.25	-.048744	-1.36388
POTASSIU	1060.7	666.31	.832699	-.93247
NITRATE	12.5	4.85	1.492625	1.52595
NICKEL	18.2	11.21	.401194	-1.34552
MERCURY	.1	.05	3.581664	12.23409
MANGANES	486.0	358.28	1.015235	.59073
MAGNESIU	33163.3	21618.41	-.274366	-1.57856
IRON	20041.3	13266.19	.631482	-1.25930
CHROMIUM	11.0	6.96	.622611	-1.40492
COPPER	16.4	12.16	.384856	-1.12390
ALUMINUM	7801.3	4794.49	.509990	-1.43307
SULFATE	746.0	167.17	3.252102	11.05972
LEAD	9.9	6.07	1.581895	2.67964
%SOLIDS	91.2	88.53	-.710130	-.51040
CALCIUM	122225.3	82733.02	-.237815	-1.39533
CHLORIDE	25.7	13.15	1.258923	.58712
CYANIDE	.9	.52	2.448054	4.59795

The following distribution graphs demonstrate characteristics of the data sets. The solid line is the best fit single distribution computer estimate and does not account for bimodal distributions.

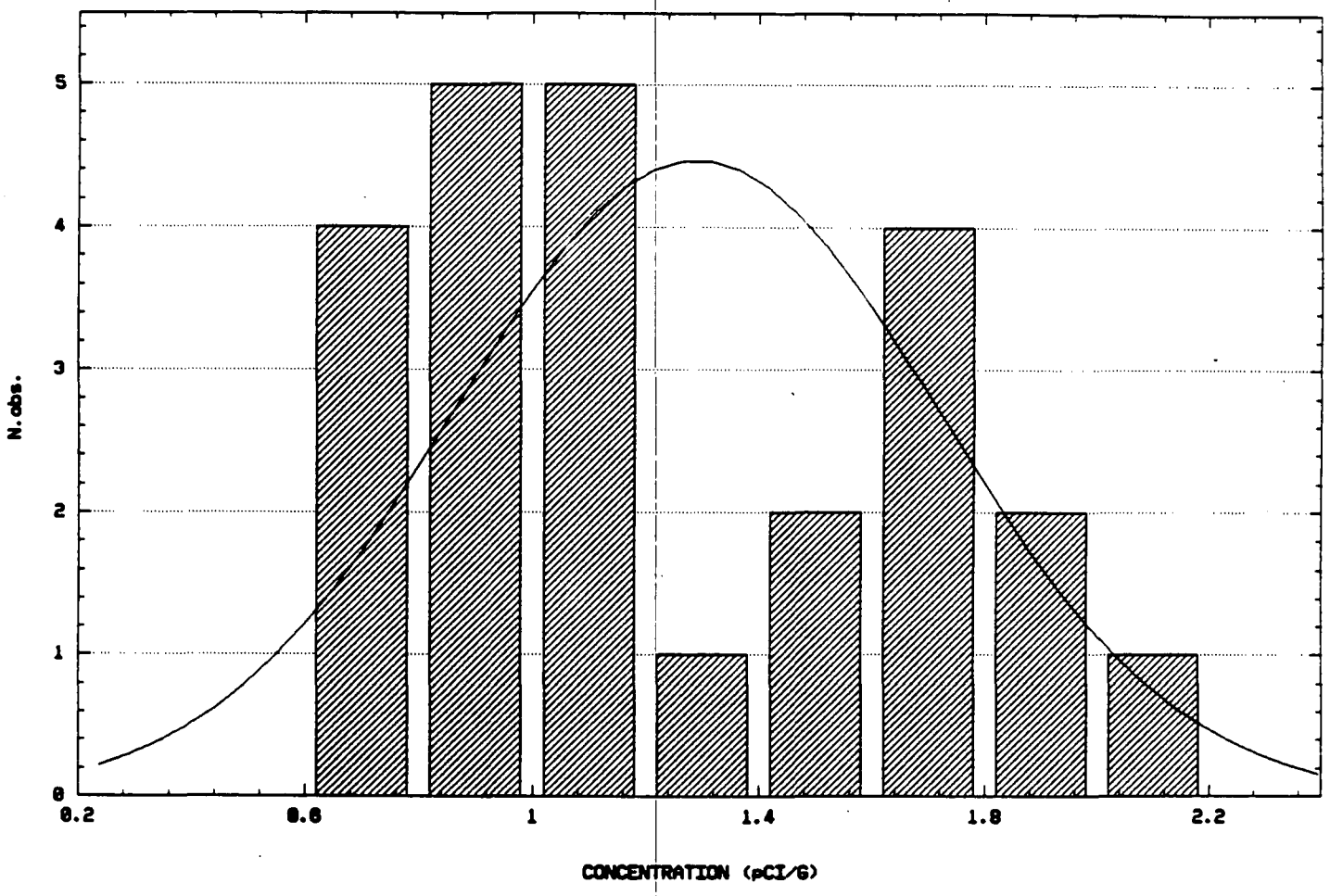
ANTHRACENE CONCENTRATION (uG/KG)
24 CASES



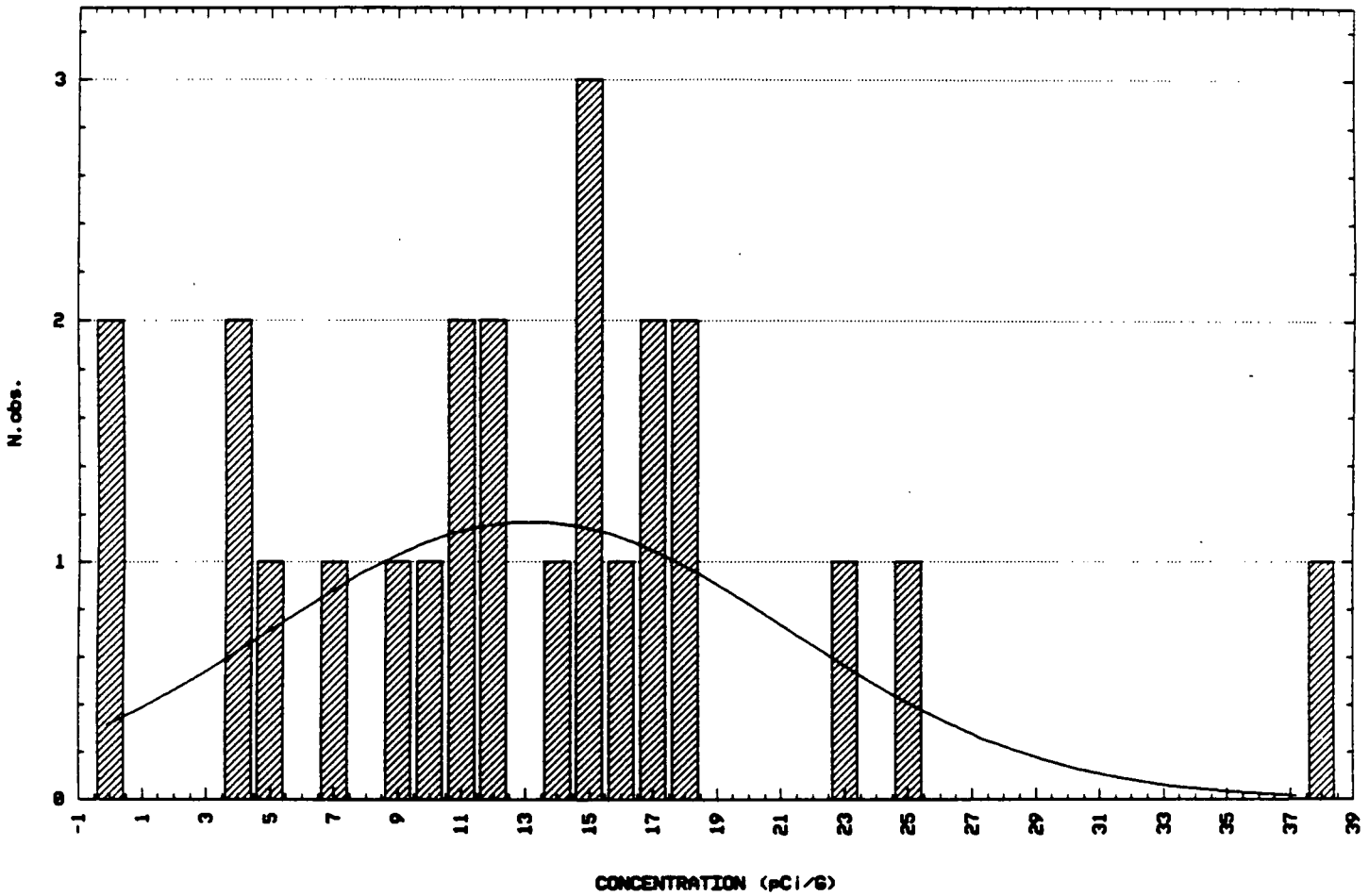
COPPER CONCENTRATION (MG/KG)
24 CASES



THORIUM-232 (pCi/G)
24 CASES



PLUTONIUM-234 (pCi/G)
24 CASES



EG+G-26-02-10-09
#9406140020

US DOE MOUND PLANT
RI/FS
OPERABLE UNIT 6, DECONTAMINATION AND DECOMMISSIONING
PROPOSED AREA 14 FUEL OIL STORAGE SYSTEM
VERIFICATION REPORT
AUGUST 1992
OHIO ENVIRONMENTAL PROTECTION AGENCY

SPECIFIC COMMENTS - AREA 14

1. A radionuclide list that contains either the contaminants of concern identified by the Waste Management Report, or the OU 9 radionuclide parameter list, should have been used to analyze the samples collected on August 5 (instead of only Cs-137, H-3, Pu-238, Th-228 and Th-232). Other radionuclides have been reported (i.e. Am-241, U-234, Pa-231, Ac-227, Th-230, Np-239, Ra-226 and additional plutonium isotopes). As stated in previous OEPA comments on these reports, continued reluctance on the part of the Department of Energy (DOE) to incorporate all radiological contaminants of concern into the D&D verification efforts will result in the DOE delaying progress and wasting funds.

   OEPA is correct in that the text does not highlight information about all radionuclides of concern. DOE will examine the studies by Argonne National Lab. If the Argonne studies prove incomplete, additional analyses for radionuclides will be performed on archived samples, or additional samples will be taken and analyzed. A revision or addendum to this report is planned once the necessary information is obtained.

   The following statement has been added to the text (section 5.2, page 5-12) of the Area 14 Verification Report. "Presently, data for radionuclides other than plutonium-238 and thorium-232 are not available for inclusion. An addendum or revision to this report is planned to address the other radionuclides of concern in this subsection of Area 14."

2. Area 14 Report, Section 1.2, page 1-2, 2nd Paragraph:

   Although OEPA did not comment on this paragraph in its September 9, 1992, letter, the changes made in response to the Area 17 comment should be and have been included in the Area 14 Report.

   The text in subsection 1.2, page 1-2, paragraph 2, has been changed to refer to the risk assessment process rather than the preliminary baseline risk assessment report.