



BUILDING DECOMMISSIONING AND DEMOLITION REPORT

**FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

U.S. EPA ID# MIR 000 020 743

DISCLAIMER:
SOME FORMATTING CHANGES MAY HAVE OCCURRED WHEN
THE ORIGINAL DOCUMENT WAS PRINTED TO PDF; HOWEVER,
THE ORIGINAL CONTENT REMAINS UNCHANGED.

**AUGUST 2010
REF. NO. 012636 (36)**

**Prepared by:
Conestoga-Rovers
& Associates**

651 Colby Drive
Waterloo, Ontario
Canada N2V 1C2

Office: (519) 884-0510
Fax: (519) 884-0525

web: <http://www.CRAworld.com>

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
1.1 SITE DESCRIPTION	1
1.1.1 BUILDING 44 - MAIN MANUFACTURING BUILDING.....	2
1.1.2 BUILDING 63.....	2
1.1.3 POWERHOUSE	2
1.1.4 ADMINISTRATION BUILDING	2
1.1.5 MISCELLANEOUS STRUCTURES.....	3
1.2 SITE HISTORY	3
1.3 PURPOSE OF BUILDING DECOMMISSIONING ASSESSMENT	4
1.4 PURPOSE OF DECOMMISSIONING/DEMOLITION ACTIVITIES	4
2.0 SCOPE OF WORK	6
2.1 BDA SCOPE OF WORK	6
2.1.1 INITIAL SITE INSPECTION.....	6
2.1.2 DETERMINE ASSESSMENT/SCREENING CRITERIA	7
2.1.3 SAP DEVELOPMENT	7
2.1.4 FOLLOW-UP ASSESSMENT.....	8
2.1.5 AREAS TO BE DECOMMISSIONED	9
2.2 BUILDING DECOMMISSIONING ACTIVITIES.....	9
2.3 PRE-DEMOLITION SURVEY.....	11
2.4 DEMOLITION SCOPE OF WORK.....	12
2.5 DECOMMISSIONING/DEMOLITION OVERSIGHT.....	12
3.0 BUILDING DECOMMISSIONING ASSESSMENT ACTIVITIES	14
3.1 SUMMARY OF BDA ACTIVITIES.....	14
3.1.1 FILE REVIEW.....	14
3.1.2 INTERVIEWS.....	14
3.1.3 PERMITS LISTING.....	14
3.1.4 EQUIPMENT INVENTORY	15
3.1.5 HAZARDOUS MATERIALS STORAGE ASSESSMENT.....	15
3.1.6 ASBESTOS SURVEYS	16
3.1.7 ANALYTICAL DATA ASSESSMENT.....	17
3.1.7.1 DUST	18
3.1.7.2 SLUDGE AND OIL	18
3.1.7.3 LIQUID	19
3.1.7.4 WOOD FLOORING AND MASTIC	19
3.1.7.5 WIPE SAMPLES	20
3.1.7.6 LEAD PAINT SAMPLES.....	21
3.1.7.7 SOLIDS.....	21
3.1.7.8 CONCRETE CORE SAMPLES	22
3.1.8 UST/AST CLOSURES	23
3.1.9 PROCESS TANKS AND EQUIPMENT.....	24
3.1.10 PCB-CONTAINING MATERIALS	24
3.1.11 CFCS.....	24

TABLE OF CONTENTS

	<u>Page</u>
3.1.12	RADIOACTIVE SOURCES25
3.1.13	RCRA CLOSURES.....25
3.1.14	PROCESS PRODUCT AND WASTE LINES, SEWERS, AND UTILITIES25
3.1.14.1	PROCESS LINES AND OVERHEAD UTILITIES25
3.1.14.2	SANITARY AND STORM SEWERS.....26
3.1.15	LIGHT BULBS AND FIXTURES26
3.1.16	MISCELLANEOUS PRODUCTION AND MAINTENANCE CHEMICALS26
3.1.17	BATTERIES27
3.1.18	MERCURY CONTAINING DEVICES.....27
3.2	DECOMMISSIONING REQUIREMENTS FOR DEMOLITION27
4.0	BUILDING DECOMMISSIONING ACTIVITIES29
4.1	ACM ABATEMENT.....29
4.1.1	GALBESTOS ENCAPSULATION.....30
4.1.2	FRIABLE ACM REMOVAL30
4.1.3	NON-FRIABLE ACM REMOVAL31
4.2	CHEMICAL SWEEP31
4.3	REMOVAL OF ITEMS POTENTIALLY CONTAINING POLYCHLORINATED BIPHENYLS.....32
4.3.1	PCB-CONTAMINATED ELECTRICAL EQUIPMENT AND UNDERLYING CONCRETE32
4.3.2	PCB-CONTAMINATED LIGHT BALLASTS REMOVAL.....33
4.4	FLOORING REMOVAL34
4.5	REMOVAL OF CFCS, BATTERIES, LIGHTS, AND MERCURY CONTAINING UNITS34
4.6	CLEANING OF RESIDUAL WASTES35
4.6.1	ABOVE GROUND STORAGE TANK CLEANING35
4.6.2	CLEANING OF PITS, TRENCHES, AND SUMPS36
4.6.3	CLEANING OF CONCRETE SURFACES36
4.6.4	CLEANING OF METAL SURFACES37
4.6.5	DRAINING AND CLEANING OF PROCESS EQUIPMENT37
4.6.6	CLEANING OF STORM AND SANITARY SEWERS.....37
4.6.7	DRAINING AND CLEANING OF HYDRAULIC LIFTS AND ELEVATORS38
4.6.8	CLEANING OF PROCESS WASTE AND COOLING WATER LINES.....38
4.6.9	REMOVAL OF BOILER ASH39

TABLE OF CONTENTS

	<u>Page</u>
4.7	WASTE MANAGEMENT39
4.7.1	LIQUID WASTE39
4.7.2	NON-HAZARDOUS SOLID WASTE40
4.7.3	ACM CONTAINING WASTE40
4.7.4	HAZARDOUS WASTE.....40
4.7.5	PCB-CONTAINING WASTE.....41
4.7.6	RECYCLABLES.....41
4.7.7	WASTE OIL42
4.8	DECOMMISSIONING SUPPORT ACTIVITIES42
4.9	SUMMARY OF BD ACTIVITIES.....43
5.0	DEMOLITION ACTIVITIES.....44
5.1	PRE-DEMOLITION WORK44
5.2	ACM REMOVAL.....44
5.3	GENERAL DEMOLITION WORK45
5.4	SITE RESTORATION.....45
5.5	WASTE MANAGEMENT AND DISPOSAL46
5.6	RECYCLABLE MATERIALS46
5.7	SUMMARY OF DEMOLITION ACTIVITIES.....47
6.0	SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS48
6.1	METHODOLOGY48
6.2	PURPOSE OF CLOSURE.....48
6.3	BUILDING DECOMMISSIONING ACTIVITIES.....48
6.4	BUILDING DEMOLITION ACTIVITIES49
7.0	REFERENCES50

LIST OF FIGURES
(Following Text)

FIGURE 1.1	SITE LOCATION
FIGURE 1.2	SITE PLAN
FIGURE 1.3	AREAS INCLUDED IN BDA AND DECOMMISSIONING DEMOLITION PROJECT
FIGURE 2.1	TIMELINE OF CONTRACTORS SITE INVOLVEMENT

LIST OF TABLES
(Following Text)

TABLE 2.1	INITIAL SAMPLING AND ANALYSIS PLAN SUMMARY
TABLE 2.2	FOLLOW-UP SAMPLING AND ANALYSIS PLAN
TABLE 2.3	SUMMARY OF CONTRACTORS/SUBCONTRACTORS
TABLE 2.4	SUMMARY OF CONTRACTORS/SUBCONTRACTORS
TABLE 3.1	DUST SAMPLE ANALYTICAL RESULTS
TABLE 3.2	SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
TABLE 3.3	LIQUID SAMPLE ANALYTICAL RESULTS
TABLE 3.4	WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
TABLE 3.5	WIPE SAMPLE ANALYTICAL RESULTS
TABLE 3.6	PAINT SAMPLE ANALYTICAL RESULTS
TABLE 3.7	SOLID SAMPLE ANALYTICAL RESULTS
TABLE 3.8	CONCRETE CORE SAMPLE ANALYTICAL RESULTS
TABLE 3.9	AREAS REQUIRING DECOMMISSIONING

LIST OF TABLES
(Following Text)

TABLE 4.1	WASTE DISPOSAL/RECYCLING FACILITY SUMMARY
TABLE 4.2	WASTE CHARACTERIZATION - SOLIDS
TABLE 4.3	WASTE CHARACTERIZATION - SLUDGE/OIL
TABLE 4.4	WASTE CHARACTERIZATION - LIQUID
TABLE 4.5	TRANSFORMER AND CAPACITOR INVENTORY

LIST OF APPENDICES
(ON CD)

APPENDIX A	SUMMARY ACM SURVEY REPORT
APPENDIX B	PHASE II ACM SURVEY
APPENDIX C	PHOTOGRAPHS OF BUILDING DECOMMISSIONING ACTIVITIES
APPENDIX D	PHOTOGRAPHS OF DEMOLITION ACTIVITIES

LIST OF ACRONYMS

4070	Former GM/USPCI Contract No. 4070
ACM	Asbestos Containing Material
AST	Aboveground Storage Tank
BD	Building Decommissioning
BDA	Building Decommissioning Assessment
CRA	Conestoga-Rovers & Associates
CFC	Chlorofluorocarbon
COC	Chain-of-Custody
CT&E	CT&E Environmental Services
EMSL	EMSL Industrial Services, Inc.
GM	General Motors Corporation currently doing business as MLC
HEPA	High-Efficiency Particulate Arrestance
HWMUs	Hazard Waste Management Units
IWPC	Inland Waters Pollution Control
LQG	Large Quantity Generator
MLC	Motors Liquidation Company
MSDS	Material Safety Data Sheet
PCBs	Polychlorinated Biphenyls
Peregrine	Former Peregrine (U.S.) Inc.
ppm	parts per million
PPE	Personal Protective Equipment
RCRA	Resource Conservation and Recovery Act (as amended)
REALM	Remediation and Liability Management Company, Inc. a subsidiary of GM
Report	Building Decommissioning Assessment and Decommissioning/Demolition Construction Report
SAP	Sampling and Analysis Plan
Site	1245 E. Coldwater Road, Genesee Township, Michigan
SOW	Scope of Work
SVOC	Semi-Volatile Organic Compound
SWMUs	Solid Waste Management Units
TCI	Trans-Cycle Industries
TCLP	Toxicity Characteristic Leaching Procedure

LIST OF ACRONYMS

TSCA	Toxic Substances Control Act
UAW	United Auto Workers
U.S. EPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound
WWTP	Wastewater Treatment Plant

1.0 INTRODUCTION

Conestoga-Rovers & Associates, Inc. (CRA) was retained by REALM a subsidiary of General Motors Corporation (GM) in 1999 to conduct a Building Decommissioning Assessment (BDA) and to design and perform oversight of Building Decommissioning and Demolition activities at the Former Peregrine U.S. Inc. Coldwater Road Facility in Genesee Township, Michigan (Site). This document presents the Building Decommissioning Assessment and Decommissioning/Demolition Report (Report).

General Motors Corporation filed for bankruptcy under Chapter 11 of the United States Bankruptcy Code on June 1, 2009. On July 10, 2009, General Motors Corporation, now known as Motors Liquidation Company (MLC), sold certain assets pursuant to a bankruptcy court order to a new entity now known as General Motors, LLC (GM LLC). The Former Peregrine U.S. Inc. Site was not part of the sale so it continues to be owned by MLC.

Assessment, decommissioning, and demolition activities were performed from 1999 to 2001 on the following buildings at the Site:

- Building 44 (Main Manufacturing Building)
- Building 63
- Powerhouse
- Administration Building
- Other miscellaneous outbuildings

The Site Location is presented on Figure 1.1 and the Site Plan is presented on Figure 1.2. The areas included in the Building Decommissioning Assessment and Decommissioning/Demolition project are presented on Figure 1.3.

1.1 SITE DESCRIPTION

The Site is located at 1245G East Coldwater Road in Genesee Township, Michigan. The Site consisted of four main buildings and miscellaneous outbuildings as described in the following Sections. In the past interior components for cars and light trucks, principally door hinges and window regulators, were produced at the Site. Main processes employed at the facility included stamping, welding, plating, and miscellaneous automotive component assembly operations. Production operations at the facility were discontinued in late spring 1998.

1.1.1 BUILDING 44 - MAIN MANUFACTURING BUILDING

The Main Manufacturing Building (Building 44) was comprised of two stories and a partial basement, with approximately 1.75 million total square feet of floor space. The first floor was used almost exclusively for production operations including electroplating, heat treat, machining, stamping, welding, and assembly. The second floor had approximately one-third the floor space of the first floor. The southern third of the second floor consisted of a large open area for light assembly and storage, an office and laboratory space, and a cafeteria. The northern two-thirds of the second floor was used for parts storage. An Administration Building was connected to the south end of the manufacturing building.

1.1.2 BUILDING 63

Building 63 was a steel frame, warehouse-type structure with approximately 69,000 square feet of floor space. Building 63 was located east of Building 44 and was used primarily for storage of a variety of materials including spare parts and scrap metal.

1.1.3 POWERHOUSE

The Powerhouse (Building 45) was a two-story brick structure with a basement. The Powerhouse was located northeast of Building 44 and consisted of approximately 33,200 square feet of floor space. Three coal-fired boilers and one in-service natural gas-fired boiler were located in the Powerhouse. A steam-line tunnel led from the basement to Building 44, providing Building 44 with steam for building heat and manufacturing processes. A tall brick exhaust stack extended from the rooftop of the Powerhouse.

1.1.4 ADMINISTRATION BUILDING

The Administration Building consisted of two floors and a basement with approximately 68,400 square feet of floor space. The Administration Building was located directly south of and shared a common wall with, Building 44. The

Administration Building was used primarily as office space. A cafeteria was located in the basement.

1.1.5 MISCELLANEOUS STRUCTURES

The Site also consisted of the following miscellaneous structures:

- Switchhouse and main transformer yard
- 250,000-gallon above ground water supply tank
- 1,000,000-gallon underground water tank and pumphouse
- Chemical storage tank farm and pumphouse

1.2 SITE HISTORY

GM originally acquired the property on which the Site was located as vacant land in 1951 from several private parties. The Buick Motor Division began construction of the Plant buildings that same year. However, prior to completion, the Site was transferred to the Ternstedt Division. The Fisher Body Division subsequently acquired the Site in 1968. In 1985, the Fisher Body hardware Plants were merged with Guide Lamp and became the Fisher Guide Division. In early 1989, Fisher Guide Division was merged with Inland Division to become the Inland Fisher Guide Division. The Inland Fisher Guide Division became part of Delphi Automotive Systems in early 1995, and the Site was operated as the Delphi Interior and Lighting Systems Division Coldwater Road Plant until GM sold it to Peregrine (U.S.) Inc. (Peregrine) in December 1996. Peregrine ceased operations in 1998 and GM's subsidiary REALM acquired the property in August 1999. From October 1999 through October 2000, the Administration Building was leased to GM as a United Auto Workers (UAW) Transition Center/Jobs Bank.

Historical operations at the Site included:

- Manufacturing of window regulators
- Manufacture of door hinges
- Manufacture of door modules
- Manufacture of seat adjusters
- Plating operations
- Headliner operations

- Plastisol related operations
- Degreasing operations

In 1998, production operations ceased. Since that time the Site has been idle, with the exception of the use of the Administration Building as a GM Transition Center/Jobs Bank through October 2000 when Building Decommissioning and demolition activities commenced.

1.3 PURPOSE OF BUILDING DECOMMISSIONING ASSESSMENT

The purpose of the BDA was to identify and define areas (e.g., building structures, equipment, machinery, process areas, etc.) where decontamination or abatement was necessary to facilitate demolition of Site structures. The BDA focused on buildings and aboveground structures down to the lowest structural component including pits, trenches, sumps, and sewers.

1.4 PURPOSE OF DECOMMISSIONING/DEMOLITION ACTIVITIES

Specific areas and/or materials at the Site identified during the BDA were cleaned, decontaminated, removed, or abated during decommissioning. The object of Building Decommissioning activities was to prepare the Site for demolition, and to address the following:

1. Risk of future contaminant release into soils, groundwater, or surface water/sediments
2. Potential unacceptable health risks associated with human exposure and contact during demolition
3. Compliance issues arising from demolition activities, or future use of the Site by a new owner
4. Accumulations of waste requiring removal to facilitate demolition and sale of the property

The following factors and the selected disposition scenario for the Site were considered in developing the list of BD activities.

- Compliance with Resources Conservation and Recovery Act (RCRA), Toxic Substances Control Act (TSCA), and other state and federal environmental laws and regulations

- The presence of significant accumulations of solid waste requiring disposal
- Potential physical hazards
- Potential future releases of pollutants or petroleum products to environmental media including soils, groundwater, and surface water/sediment

Areas and materials at the Site were evaluated with consideration of these factors by reviewing historical records, performing analytical testing, conducting visual inspections, and reviewing equipment and material inventories.

The purpose of demolition of Site structures was to minimize REALM's liability associated with unoccupied buildings, reduce ongoing operation and maintenance costs prior to the sale of the property, and make the property more attractive to potential buyers.

2.0 SCOPE OF WORK

2.1 BDA SCOPE OF WORK

The objective of the BDA was to identify and define areas of the Site that required decontamination and/or contaminant abatement as part of facility decommissioning. To accomplish this task, a series of steps were followed as discussed in the following Sections.

2.1.1 INITIAL SITE INSPECTION

First, an Initial Site Inspection was conducted in October 1999. The inspection included the following:

1. Interviews with Plant personnel to obtain information regarding Site history, Site conditions, and current and previous Site operations. Plant personnel interviewed included representatives from Plant Engineering (Marvin Ashbury), Management and Maintenance.
2. A detailed review of Site files, including environmental files, engineering files, and construction drawings from the period during which the Plant was operated, to obtain information regarding any of the following:
 - Environmental issues
 - Regulatory compliance
 - Inventory of equipment, chemicals, and waste materials
 - Identification of areas requiring decommissioning, including items identified as solid waste management units (SWMUs) or hazard waste management units (HWMUs), aboveground storage tanks (ASTs), underground storage tanks (USTs), product storage areas, equipment storage areas, polychlorinated biphenyl (PCB) and non-PCB-containing light fixtures, equipment, and transformers, process waste systems, sealers/adhesive systems, lubricants/coolant systems, production areas, environmental control equipment, hydraulic lifts and elevators, sewer systems, dust collectors, asbestos containing material (ACM), medical waste, radioactive material, wells, maintenance areas, and recycling operations
3. Review of Material Safety Data Sheets (MSDS) to assess potential impacts on resulting waste streams and building materials
4. A physical inspection of the Site to document and inventory the presence of areas discussed in Item 2

An initial list of areas and/or equipment that were to be further examined was identified from information compiled during the Initial Site Inspection.

2.1.2 DETERMINE ASSESSMENT/SCREENING CRITERIA

The second step included the determination of applicable and/or relevant assessment/screening criteria. The criteria were developed from regulatory statutes or guidance, GM/REALM corporate policies, and best professional judgement. Criteria were developed for the following:

- Waste characterization for disposal (RCRA regulated hazardous waste, TSCA regulated waste, GM/USPCI Contract No. 4070 requirements, and industrial waste laws which were current at the time the work was conducted)
- Potential future exposures to soils, groundwater, or surface water
- Physical hazards
- Other liability issues

The selected assessment/screening criteria results are discussed in Section 3.0. Any material exceeding the primary criteria was removed and disposed of in accordance with applicable regulations, or cleaned, decontaminated, or abated to eliminate the environmental condition.

Secondary screening criteria were thresholds established in the GM/USPCI waste disposal contract. Through December 2000, certain wastes disposed from GM sites were subject to these criteria. These criteria were applied only to assist with waste management.

2.1.3 SAP DEVELOPMENT

An initial Sampling and Analysis Plan (SAP) was prepared to further characterize areas requiring decommissioning by supplementing existing knowledge about the Site with analytical data. The initial SAP is summarized in Table 2.1. A follow-up SAP, presented in Table 2.2, was developed to further assess waste characteristics and to delineate "hot spots". Additional sampling was conducted to further delineate the extent of contamination, as needed. Sampling activities are documented in Section 3.0.

Analytical parameters chosen for the SAP were based upon historical operations at the Site and information gathered during the Initial Site Inspection. The analyses performed varied, based on the sample source and rationale for sampling. For example, samples collected for RCRA hazardous waste characterization were generally analyzed using Toxicity Characteristic Leaching Procedure (TCLP) methods; while samples collected to assess potential unacceptable risks to human health were generally analyzed for total metals and/or volatile organic compounds (VOCs) and/or semi-volatile organic compounds (SVOCs), depending on constituents expected to be contained on the structure, or generated by the process.

2.1.4 FOLLOW-UP ASSESSMENT

Follow-up assessment activities completed at the Site were as follows:

1. Revision and implementation of the SAP
2. Assessment of special waste handling requirements

The initial SAP, as presented in Table 2.1, was implemented beginning in September 1999. Samples were submitted for chemical analysis under CRA's Chain-of-Custody (COC) protocol to CT&E Environmental Services (CT&E) in Ludington, Michigan. Analytical results are discussed in Section 3.0.

Two asbestos surveys were conducted in 1999. These surveys were conducted to assess the accuracy of previous ACM surveys at the Site. The findings are summarized in Section 3.1.6 of this Report. ACM Survey Reports prepared and submitted in September 1999 and April 2000 are presented in Appendices A and B, respectively. Samples collected during the ACM Surveys were submitted for analysis under COC protocol to EMSL Industrial Services, Inc. (EMSL) in Ann Arbor, Michigan.

The follow-up SAP, presented in Table 2.2, was implemented beginning in November 1999 and was completed in January 2000. The follow-up SAP was necessary to further define waste characteristics and "hot spots". Areas and materials sampled included the following:

- Trenches/sumps/pits/vaults
- Surficial material and stained media
- Process equipment oils and lubricants
- Concrete, asphalt, and wood block flooring

- Paints and painted surfaces
- Drains/filters/tanks/ledges

2.1.5 AREAS TO BE DECOMMISSIONED

Following the completion of Site sampling and analysis, a list of areas requiring decommissioning was developed. This was accomplished by comparing analytical data to applicable and/or relevant criteria (as discussed in Section 2.1.2) developed for the Site. Areas requiring decommissioning were grouped into one of the following categories:

- Equipment and areas requiring decommissioning for reuse/recycling
- Regulated wastes requiring disposal
- Accumulations of non-regulated product and wastes that should be removed
- Structures that require closure (e.g., ASTs)
- Building materials that should be removed (e.g., ACM, contaminated concrete)
- Physical hazards that require decommissioning

Specific criteria comparisons and evaluation findings are discussed in Section 3.0.

2.2 BUILDING DECOMMISSIONING ACTIVITIES

Based on the BDA, the following decommissioning activities were identified:

- Draining and removal of electrical capacitors and transformers
- Decontamination of ASTs containing waste materials
- Lab-packing miscellaneous chemicals
- Cleaning concrete pits, sumps, trenches, and stained floors
- Removal and disposal of PCB remediation wastes
- Removal and disposal of wood block flooring
- Removal and disposal of ACM (except asphalt roofing and some galbestos panels)
- Flushing process waste lines
- Flushing storm and sanitary sewers
- Draining and removal of remaining process tanks and equipment

- Removal and disposal of boiler ash
- Collection and removal of overhead lights, ballasts, mercury devices, batteries, and chlorofluorocarbon (CFC) units

The original list of areas requiring decommissioning and the reasons decommissioning was required are presented in Table 2.3. During execution of the BD activities, some modifications were made to the decommissioning scope of work, as described below.

The first change made was associated with pits, trenches, and sumps closed by the previous owner, Peregrine. Prior to BD activities, Peregrine reportedly removed equipment, sludge, and debris from the main pits, trenches, and vaults in Building 63, and Building 44. After the removal of this material, these areas were reportedly cleaned, backfilled with pea gravel, and capped with concrete.

During decommissioning, oil and sludge was observed seeping from these "closed" pits and trenches. CRA recommended that the pits be re-opened and inspected. In order to inspect these areas, the concrete was removed and pea gravel excavated. Visual observation revealed that these pits, trenches, and vaults had not been properly cleaned. Bulk debris and oily wastes were present beneath the gravel. This material was removed, segregated, and placed into roll off boxes for subsequent waste characterization and disposal. The pits, trenches, and vaults were then cleaned as discussed in Section 4.6. The concrete bottoms of the pits were broken to allow for visual and olfactory inspection of subsurface soils. No evidence of release from any of the pits, trenches, or sumps was observed. The pits, trenches, and sumps were then filled with clean backfill.

The second change made was associated with coal remaining in the Powerhouse. Over 3,000 cubic yards of coal was left on top of the conveyors and within the coal bunkers. Some of the coal left in bunkers had been pulverized to a coal dust. In order to eliminate the risk of a coal dust explosion, the coal dust was removed using dry vacuum methods. Work areas were contained and misting was used for fugitive dust control. The coal from the Powerhouse was placed on top of the coal stockpile just to the north of the Powerhouse.

The third change was the inclusion of the Administrative Building. The Administrative Building had been utilized as a Job Bank for GM employees until October 2000. As a result, this building was not included in the original BDA. During demolition activities, it was determined that this structure would not be used as a job bank in the future, and thus should be demolished. A streamlined BDA of the Administration Building was

performed and BD activities completed to facilitate demolition. Assessment activities conducted in the Administration Building have been incorporated into the discussion in Section 3.0.

Building Decommissioning activities were conducted under seven competitively-bid contracts. The main contracts included:

- Galbestos encapsulation
- Pre-demolition PCB removal (transformers and capacitors)
- ACM abatement
- Environmental cleaning (lights, mercury devices, pits, trenches, sumps)
- CFC abatement
- Wood block flooring removal
- Administrative Building Decommissioning

A time line showing the period each Contractor was on Site is presented on Figure 2.1 and summarized in Table 2.4.

2.3 PRE-DEMOLITION SURVEY

CRA conducted a pre-demolition survey at the Site. The objective of the survey was to clearly define the scope of work (SOW) to be performed by the demolition contractor, and to estimate quantities of work for price schedules in the bidding documents. The following tasks were completed during the survey:

- Recyclable metal weight estimate
- Backfill source evaluation
- Asbestos-containing asphalt roofing removal analysis
- Assessment of storm water runoff control requirements
- Demolition work sequence evaluation
- Alternate work identification and analysis
- Off-Site solid waste disposal quantity estimate

The pre-demolition survey was conducted from May 2000 to July 2000.

2.4 DEMOLITION SCOPE OF WORK

The objective of demolition activities was to demolish all Site structures to grade, allowing building slabs, foundations, and parking areas to remain for use by a potential future Site owner. Demolition activities performed at the Site included:

- Disconnection and plugging of utilities
- Removal and disposal of coal from the Powerhouse yard
- Draining of underground fire water reservoir
- Removal and recycling of remaining process equipment and tanks
- Removal of ACM roofing and galbestos panels
- Segregation of solid materials (recyclables, ACM, demolition debris)
- Demolition of all buildings and structures
- Demolition of remaining Wastewater Treatment Plant (WWTP) basins
- Crushing of unpainted brick for use as backfill
- Loading and transportation of recyclables/waste materials off Site
- Backfill and grading of the Site
- Sweeping building slabs
- Seeding and mulching disturbed areas

During the course of demolition activities, two significant changes were made to the SOW. First, REALM decided to demolish the Administration Building with the other structures at the Site. Second, the main substation, originally part of the decommissioning, was instead dismantled and recycled during demolition.

2.5 DECOMMISSIONING/DEMOLITION OVERSIGHT

CRA provided oversight of BD and demolition activities throughout completion of the project. CRA performed the following tasks:

- Monitored the execution of the SOW for conformance with contract documents
- Maintained documentation of project activities including a daily activity log, and weekly progress reports
- Participated in project meetings including the initial Site meeting, and weekly project update meetings

- Provided Site management services
- Conducted waste characterization and profiling
- Identified progress and tracked any documented changes to the project SOW
- Prepared Building Decommissioning Assessment and Decommissioning/
Demolition Construction Report

3.0 BUILDING DECOMMISSIONING ASSESSMENT ACTIVITIES

3.1 SUMMARY OF BDA ACTIVITIES

3.1.1 FILE REVIEW

Written files maintained by the plant environmental department were reviewed, including those regarding ASTs, raw materials, processes, MSDS, solid waste, hazardous waste, PCBs, ACM and building materials, air emissions, wastewater discharges, environmental permits, and spill reports.

Numerous drawings were reviewed by CRA during the BDA activities. Drawings were available in print from various years and included sewer and process system layout drawings; and structural, architectural, and mechanical drawings.

3.1.2 INTERVIEWS

CRA interviewed various GM/REALM personnel regarding the Site history, operations, and available documentation. CRA conducted detailed interviews with Plant engineering and maintenance personnel as well as environmental engineers, environmental managers, and facility managers to acquire information regarding current and historical Site use.

3.1.3 PERMITS LISTING

Peregrine was issued a new EPA MIR ID number in January 1997 (MIR000020743) and was listed as a large quantity generator (LQG) after acquisition of the plant from GM. This was necessary due to the fact that GM was retaining ownership of both the landfill and WWTP and therefore would continue the operation of these areas under the original EPA ID Number (MID005356860). Peregrine was never issued a Part A Permit under ID number MIR000020743.

REALM submitted a Notification of Regulated Waste Activity and a Part A Hazardous Waste Permit to MDEQ on September 25, 2000. The submittal identified REALM as the new legal owner of the Facility. The Facility was decommissioned and demolished under EPA ID Number MIR000020743. It was anticipated that wastes generated during these activities would generally be non-hazardous solids with the possibility of

characteristic solid wastes being generated (e.g., D006 and D008) during facility cleaning operations.

The Facility had an active Storm Water Discharge Permit No. MIR11L010. The permit was originally issued to Peregrine, but was transferred to REALM. Once all industrial materials had been removed the stormwater discharge permit was cancelled (2004).

The Facility also has two municipal sanitary sewer service accounts (60-52-3791-007 and 60-52-3840-040), for discharge to the local public WWTP. The municipal sanitary sewer service accounts were closed following decommissioning of the sanitary sewer line from the Former Inactive Equipment Reserve Yard and associated sanitary sewer discharge monitoring station in December 2002.

3.1.4 EQUIPMENT INVENTORY

Based on information provided by GM/REALM, several items which were present at the Site were excluded from the scope of the BDA. This included office furnishings, finished parts, general plant trash, and unused raw materials to be shipped to GM/REALM suppliers, end users, recyclers, or disposal facilities, as appropriate.

It was assumed that all other equipment (e.g., compactor, elevators, quench oil tanks, and pumps) present would be sold at auction, transferred to another GM/REALM facility, or left to be recycled as scrap metal by the demolition contractor. Equipment was drained, and metal surfaces cleaned during decommissioning so that leakage of free oil or sludge did not occur during transportation.

3.1.5 HAZARDOUS MATERIALS STORAGE ASSESSMENT

A hazardous materials storage area that formerly contained drums of non-hazardous and hazardous waste was located on the far north side of Former Building 44. This area was identified by the DOCC as the Former Drum Storage Area (AOI 1), a permitted waste storage area for hazardous waste that ceased operation in September 1994, and closed in 2004. All drums from this area were removed prior to REALM ownership. This area has been investigated and closed separately from this Report. Closure activities were detailed in the "Final Closure Certification Documentation Package, Drum Storage Area and Waste Pile Pad, Coldwater Road Plant, Flint, Michigan" (Weston, June 1999) and the "Addendum to the June 1999 Closure Certification Report

for the Former Drum Storage Area" (O'Brien & Gere, January 2005), and approved by the MDEQ in their letter dated March 24, 2005.

3.1.6 ASBESTOS SURVEYS

Damaged friable and non-friable ACM was identified during an asbestos survey conducted at the Site in 1997. All friable ACM was managed in place and no ACM appeared to present a significant hazard. CRA used this initial survey to develop a work plan for additional ACM assessment. Two additional ACM surveys were conducted. The first survey focused on the Administration Building and the second survey focused on the other Site buildings. The first survey completed in 1999 was field verified in December 2000, after the plant was vacated. A summary of the findings are outlined below.

Based on the analytical data from the ACM surveys, the ACM included:

- Galbestos siding
- Roof flashing and decking
- Window caulking
- Transite in electrical switchgear boxes
- Door gaskets
- Hoods for lab
- Jacketing on power house boilers
- Lab tables
- Vibration dampeners
- Spray-on materials
- Paper above metal pan ceiling
- Gaskets on ovens
- Office caulking
- Pipe insulation and fittings
- Tank insulation
- Cable wraps
- Floor and ceiling tiles
- Fire doors

The ACM survey reports for the Administration Building, the Main Manufacturing Building (Building 44), Building 63, the Powerhouse, and miscellaneous structures at the Site from 1999 and 2000 are provided in Appendices A and B, respectively.

3.1.7 ANALYTICAL DATA ASSESSMENT

CRA implemented the initial SAP beginning in September 1999. Areas and materials sampled include the following:

- Material contained in trenches/sumps/pits/vaults
- Surficial materials and stained media
- Concrete, asphalt, and wood block flooring
- Process and manufacturing equipment oils and fluids
- Solids contained in sewer systems
- Process waste
- Painted surfaces
- Dust accumulated in fume hoods/ductwork
- Building materials
- Accumulated materials in drains/filters/tanks/ledges

After reviewing the sample results from the initial round of sampling, a follow-up SAP was developed.

Tables 3.1 through 3.8 summarize the analytical results according to media type. Results are grouped based upon the various media as follows:

- Dust (Table 3.1)
- Sludge and Oil (Table 3.2)
- Liquid (Table 3.3)
- Wood Flooring and Mastic (Table 3.4)
- Wipe (Table 3.5)
- Paint (Table 3.6)
- Solid (Table 3.7)
- Concrete Core (Table 3.8)

Results are discussed in the following subsections.

3.1.7.1 DUST

Analytical results for dust samples are presented in Table 3.1. A total of four dust samples were collected in Building 44. Due to the history of plating at the Site, samples were analyzed for total cyanide, cadmium, chromium, nickel, and copper. No significant accumulations of dust were identified or sampled in the other buildings.

Primary screening criteria for dust was selected as the Michigan Natural Resources and Environmental Protection Act (PA 451), Part 201 Generic Industrial Direct Contact Criteria for soil, current at the time that the work was conducted.

None of the screening criteria were exceeded in any of the samples collected.

Workers performing decommissioning and demolition activities were instructed to take appropriate inhalation protection measures should dusty conditions occur. No additional decommissioning actions associated with dust in Building 44 were required.

3.1.7.2 SLUDGE AND OIL

Analytical results for sludge and oil samples are presented in Table 3.2. Sludge samples included oily residuals with high moisture contents, which had accumulated on floor surfaces and in pits, sumps, or trenches. Oil samples were collected from various equipment (e.g., compactor, elevators, quench oil tanks and pumps). Samples were analyzed for one or more of the following: total metals; TCLP metals; total PCBs; SVOCs; TCLP SVOCs; VOCs or TCLP VOCs.

Primary screening criteria for total metals, total VOCs, and total SVOCs were 20 times the RCRA criteria for characteristically hazardous waste, which is considered to be a conservative indicator that a solid waste might fail the TCLP test required by RCRA to determine that a solid waste is characteristically hazardous. Primary screening criteria for TCLP metals, TCLP VOCs, and TCLP SVOCs was the RCRA criteria for characteristically hazardous waste. Primary screening criteria for PCBs was 50 mg/kg, from 40 CFR 761.3 (for the definition of used oil as an excluded PCB product).

Secondary screening criteria for TCLP metals, TCLP VOCs, and TCLP SVOCs were thresholds established in the GM/USPCI Contract No. 4070.

Thirteen samples (027, 031-037, and 113-117) exceeded the primary criteria for one or more total metals. With the exception of one sample from the powerhouse basement trenches (035), follow up TCLP analysis revealed that none of the samples exceeded RCRA criteria. The follow up TCLP analysis for sample 035 could not be located, however, all other samples from the same area did not exceed. Therefore, the sludge and oil were determined to be RCRA non-hazardous waste.

Three samples (175, 176, and 177) exceeded the primary TCLP criteria for barium. These samples are representative of residual waste on tanks and equipment in the heat treatment process area. Surfaces of tanks and equipment in the heat treatment area were decontaminated with a low volume, high pressure water spray. Decontamination rinsate was collected and characterized for disposal as described in Section 4.7.1.

3.1.7.3 LIQUID

Analytical results for liquid samples are presented in Table 3.3. Liquids were analyzed for total metals, total VOCs, total SVOCs, PCBs, and TCLP VOCs.

Primary screening criteria for total metals, total VOCs, and total SVOCs were 20 times the RCRA criteria for characteristically hazardous waste. Primary screening criteria for PCBs were 3 µg/L as defined in TSCA. The primary screening criteria for TCLP VOCs were the RCRA criteria for characteristically hazardous waste.

Two samples (463 and 477) collected from the Building 63 sumps exceeded the primary screening criterion for total and TCLP mercury, respectively, and determined to be RCRA characteristically hazardous for mercury. With the exception of the liquid collected from the Building 63 sumps, liquids were determined to be RCRA non-hazardous wastewater.

3.1.7.4 WOOD FLOORING AND MASTIC

Analytical results of wood floor block and mastic samples are presented in Table 3.4. Selected wood floor block and mastic were analyzed for one or more of the following: asbestos content, total metals, TCLP metals, PCBs, and total SVOCs.

Primary screening criteria for total metals and total SVOCs were 20 times the RCRA criteria for characteristically hazardous waste. The primary criterion for PCBs was

conservatively chosen as 10 mg/kg. Waste impacted by PCBs was managed as PCB Remediation Waste in accordance with 40 CFR 761.61.

Secondary screening criteria for TCLP metals, TCLP SVOCs, and PCBs were the thresholds established in the GM/USPCI Contract No. 4070. These criteria were applied only to assist with waste management planning.

A total of 34 wood floor block and 10 mastic samples were collected. Four samples (128, 133, 135, and 137) of wood floor block exceeded the primary screening criteria for one or more total metals. Follow up TCLP analysis of each sample revealed that none of the samples exceeded the RCRA criteria.

The primary screening criteria for PCBs was exceeded in one sample (184). Analysis of three other samples (135, 183, and 185) collected from the same general area (P16) were significantly less than the primary criterion, but exceeded the screening criterion. The P16 wood block floors from the P16 area represented approximately 50 square feet.

Most of the wood block flooring was determined to be RCRA non-hazardous waste. Flooring from the P16 area, which had detected PCB concentrations below 50 parts per million (ppm), was determined to be regulated under TSCA.

3.1.7.5 WIPE SAMPLES

Wipe samples of concrete and metal surfaces were collected to identify the presence of PCBs. Analytical results of wipe samples are presented in Table 3.5.

The primary screening criteria for PCBs was 10 µg/100 cm² which is the decontamination standard for unrestricted use of non-porous surfaces and concrete as specified in 40 CFR 761.79.

Five samples (53, 63B, 69, 171, and 270) of concrete surfaces exceeded the primary screening criteria. These samples were collected from substations and fan rooms. Areas from which wipe samples exceeded primary screening criteria were collected were further assessed through the collection of concrete core samples. Refer to Section 3.1.7.8.

Based on the analytical results, the remainder of the concrete was characterized for unrestricted use.

3.1.7.6 LEAD PAINT SAMPLES

Samples of paint flakes from building columns, pipes, doors, and walls were collected and analyzed for total lead. The purpose of sampling flaking paint was to determine if paints used in the buildings contained lead. The analytical results are summarized in Table 3.6.

The results of concrete core samples (Section 3.1.7.8) of painted building surfaces demonstrates that the presence of lead-based paint does not cause the structures themselves to fail the RCRA toxicity characteristic criterion for lead. The presence of lead may, however, pose a health risk to workers performing demolition activities. A primary screening criterion of 600 mg/kg was used only to identify flaking paint that could pose a threat for workers. This criterion was established by the Department of Housing and Urban Development (HUD) for federally funded domestic residences.

Lead was detected in all thirty samples of flaking paint. Of these, all but four exceeded the primary screening criteria.

Analytical results were provided to the demolition Contractor so they could employ appropriate work procedures and provide appropriate personal protective equipment (PPE) to their workers. Storm water controls were implemented in the vicinity of demolition activities to prevent fugitive paint chips from being washed into storm sewers.

3.1.7.7 SOLIDS

Various samples of solid materials were collected for chemical analysis. These materials include boiler ash, galbestos panels, black cable insulation tape, potting material from electrical equipment, sand beneath wood block flooring, and residual sludge from alkali pipes. Analytical results are summarized in Table 3.7.

Boiler ash samples were analyzed for total metals and/or TCLP metals. Galbestos panels, black tape, and potting material were sampled for PCBs. Sand samples were analyzed for total metals, total VOCs, total SVOCs, and PCBs. Residual sludge in alkali pipes was sampled for TCLP metals, TCLP VOCs, TCLP SVOCs, and PCBs.

Primary screening criteria for total metals, total SVOC, and total VOC was 20 times the RCRA criteria for hazardous waste exhibiting the toxicity characteristic. The actual RCRA toxicity characteristic criteria were used for TCLP metals, TCLP VOCs, and TCLP

SVOCs. Primary screening criteria for PCBs were the TSCA criteria for designation of a manufactured product as bulk product waste at the time of disposal (50 mg/kg).

Secondary criteria for TCLP metals, TCLP SVOCs, and PCBs were thresholds in the GM/USPCI Contract No. 4070 for waste disposal. This criteria was applied only to assist with waste management planning.

None of the samples exceeded the screening criteria for total metals, TCLP VOCs, or TCLP SVOCs.

One sample (231) exceeded the primary and secondary TLCP screening criterion for selenium. This sample was one of four boiler ash samples analyzed for TCLP selenium (the three other samples did not exceed criterion). However, 40 CFR 261.4(b)(4) excludes ash generated from the combustion of coal from regulation as hazardous waste, therefore the ash from the Powerhouse was determined to be non-hazardous waste.

Two solid samples (249 and 253) exceeded the primary and secondary screening criteria for PCBs. These samples were of potting material contained in fluorescent light ballasts. Fluorescent light ballasts were removed and disposed in accordance with 40 CFR 761.

3.1.7.8 CONCRETE CORE SAMPLES

Analytical results of concrete core samples are presented in Table 3.8. Concrete core samples were analyzed for one or more of the following: total metals; TCLP metals; PCBs; TCLP SVOCs; or TCLP VOCs to determine if concrete may remain in place, or disposal requirements, if removed.

Primary screening criteria for total metals were 20 times the RCRA criteria for waste exhibiting the toxicity characteristic. Primary criteria for TCLP metals, TCLP VOCs, and TCLP SVOCs were the RCRA criteria for waste exhibiting the toxicity characteristic. Primary criteria for PCBs were 10 mg/kg which is an unpublished United States Environmental Protection Agency (U.S. EPA) Region 5 threshold for determining TSCA applicability when a spill date and concentration are unknown.

Seven samples (214, 214B, and 478 - 482) exceeded the primary screening criteria for PCBs. Samples 214 and 214B were collected from the basement fan room near Bay B28, samples 478 and 479 were collected from concrete between substations 1 and 1A, and samples 480, 481, and 482 were collected from Bay P16. Concrete in these areas was removed and disposed in accordance with 761.61(b).

One sample (182) exceeded primary screening criteria for lead. Sample 182 was collected from the Building 44 basement paint shop, and was run for TCLP lead to determine if the concrete in the basement paint room wall met RCRA toxicity characteristic criteria. The lead concentrations in the TCLP extract was significantly less than the 5 mg/L RCRA standard. No decontamination was required in this area.

Since the concrete pad was to remain after demolition, power washing of heavily stained concrete surfaces to clean off all accumulated solid wastes and oil staining was implemented to prevent potential future impacts to the environment from run-off from exposed concrete. Concrete was also cleaned in areas where deposits posed a slip/fall hazard.

3.1.8 UST/AST CLOSURES

According to Site personnel, file reviews, and a Site inspection, no USTs are present at the Site; however, if USTs were discovered during decommissioning or demolition activities they were to be assessed and removed under current Michigan Law (Part 211/213 of Act 451). No USTs were encountered during decommissioning or demolition activities.

According to Site personnel and available information, 24 ASTs were present at the Site.

The ASTs were summarized as follows:

<i>Number of Tanks</i>	<i>Size (gallons)</i>	<i>Contents</i>	<i>Location</i>
11	500 - steel	former caustic	North of Plant
1	1,200 - steel	diesel	North of Powerhouse
12	500 to 8,000 - misc	adhesives	East of Plant

Each AST was accessed, emptied if necessary, purged, inerted, or vented, and decontaminated during decommissioning activities. Tank carcasses were recycled by the demolition contractor.

3.1.9 PROCESS TANKS AND EQUIPMENT

All process equipment, tanks, and elevators remaining after the plant was shutdown were drained of all free-flowing liquids during the decommissioning activities and were

allowed to be released by the demolition contractor. No solid, semi-solid, or liquid materials were allowed to be released during removal or transportation.

3.1.10 PCB-CONTAINING MATERIALS

File reviews, Site inspections, analytical testing, and interviews with former employees revealed that oils used in electrical equipment contain regulated levels of PCBs. Electrical equipment at the Site included primarily transformers, capacitors, and circuit breakers. Potting material in fluorescent light ballasts also contained PCBs and was therefore packaged for disposal as TSCA waste. After electrical equipment had been drained and removed, electrical substations, transformer pads, etc. that housed the equipment were inspected for leaks. If leaks were identified or suspected, the structure was sampled and, if necessary, removed and disposed of as TSCA waste.

Dielectric fluids were drained, containerized, and transported for disposal in accordance with 40 CFR 761. Equipment carcasses were transported to an appropriate off-Site facility for decontamination and recycling as scrap metal by Genesee Recycling Company. Contaminated concrete was disposed at a TSCA-compliant landfill.

In addition, CRA conducted an investigation into the possible presence of PCBs in natural gas lines. A June 27, 2000 letter from Thomas Griffiths summarized PCB sampling conducted by Consumers Energy natural gas interconnects throughout the State of Michigan. The letter concludes that there are no PCBs present in gas lines operated by Consumers in Michigan.

3.1.11 CFCs

Chiller units, air conditioners, drinking fountains, and other equipment potentially containing CFCs were assessed as part of the BDA. All equipment suspected of containing CFCs were accessed and CFCs were evacuated by a qualified Contractor during decommissioning.

3.1.12 RADIOACTIVE SOURCES

CRA personnel observed no sources of ionizing radiation during the Site inspection and a review of equipment at the facility.

3.1.13 RCRA CLOSURES

Two treatment, storage and disposal facility designations exist at the Site. The landfill to the north is in post closure monitoring and is not considered part of the Site. The former hazardous materials storage area was part of the Plant but was no longer used and was identified by the U.S. EPA to have a low potential for concern. However, this area has been investigated and closed separately from this Report.

The EPA Facility ID No. MIR000020743 was used during decommissioning/demolition. There is another number for the adjacent landfill that has an interim status and is registered to MLC (EPA Facility ID No. MID005356860). This ID number is associated with the landfill, former WWTP, and the former hazardous materials storage area.

3.1.14 PROCESS PRODUCT AND WASTE LINES, SEWERS, AND UTILITIES

Process lines, industrial waste lines, sanitary and storm sewers, and utilities existed throughout the Site. Descriptions of the process lines, sewer, and utility systems and decommissioning activities are provided in the following subsections.

3.1.14.1 PROCESS LINES AND OVERHEAD UTILITIES

Overhead process and utility lines were located throughout the Site and included compressed air, process wastewater, domestic water, steam, condensate, and fire water. Overhead process waste lines carried liquids from sumps and pits throughout the Plant.

All product and process waste lines were flushed or removed and waste materials sent off Site for disposal, as appropriate. Wastewater generated during flushing of the lines was properly characterized and disposed of off Site. Utility lines were disconnected prior to demolition. The main natural gas line was disconnected and purged prior to demolition. All water lines were disconnected and drained in preparation for demolition.

3.1.14.2 SANITARY AND STORM SEWERS

Storm sewers were present at the Site and discharge through one of two outfalls. The outfalls were located along the southern property boundary, and the northern property boundary. Stormwater generated at the Site consisted of run-off from the building roof and parking areas. The storm and sanitary lines were flushed to remove solid material accumulations prior to demolition.

The Site had an active Storm Water General Permit Certificate of Coverage No. MIR11L010 (EPA Facility ID No. 000008232696), which has been updated to reflect REALM's ownership and responsibility. Once all industrial materials had been removed the stormwater discharge permit was cancelled (2004). The Site also has a Sewer Use Permit with the City of Flint that has two municipal service accounts: 60-52-3791-007 and 60-52-3840-040. The municipal sanitary sewer service accounts were closed following decommissioning of the sanitary sewer line from the Former Inactive Equipment Reserve Yard and associated sanitary sewer discharge monitoring station in December 2002.

3.1.15 LIGHT BULBS AND FIXTURES

Overhead fluorescent and high density sodium vapor light fixtures were present throughout the Site. Fluorescent light fixtures may contain PCB ballasts and were removed by an approved contractor and disposed of in accordance with 40 CFR 761. Fluorescent light bulbs may contain mercury and possibly lead and therefore were recycled or disposed as RCRA hazardous waste.

3.1.16 MISCELLANEOUS PRODUCTION AND MAINTENANCE CHEMICALS

CRA observed miscellaneous containers of unused production and maintenance chemicals in each of the plants/buildings. Most unused chemicals were sent back to suppliers, sold or transferred to other Peregrine facilities as part of plant shutdown activities prior to REALM ownership. Any remaining unused production chemicals were managed during decommissioning as follows, in order of preference.

1. Unused chemicals were sent back to original suppliers or other GM facilities
2. Chemicals that could have been used during decommissioning activities were used, if appropriate

3. Chemicals left over after completing Items 1 and 2 were properly disposed of off Site

3.1.17 BATTERIES

CRA observed batteries in each of the Plants/buildings. The batteries were used to power small carts, for emergency lighting; and were found in banks in substations and fan rooms. Batteries were collected, segregated, and managed in accordance with the Universal Waste Standards in 40 CFR 273. Batteries were sent to OMAC Delco or disposed of with miscellaneous chemicals.

3.1.18 MERCURY CONTAINING DEVICES

Some mercury-containing devices were observed in each of the buildings. Mercury devices at the Site included thermostats and gauges on equipment. Mercury containing devices were removed from all buildings and equipment and managed in accordance with the Universal Waste Standards in 40 CFR 273.

3.2 DECOMMISSIONING REQUIREMENTS FOR DEMOLITION

Decommissioning activities completed prior to demolition are summarized in Table 3.9, which presents the area/item that was decommissioned or abated, its location, decommissioning required, and the reason for decommissioning for the particular area/item. Decommissioning was conducted on the following areas/items:

- Removal of all friable ACM and non-friable ACM likely to be damaged during demolition
- Encapsulation of galbestos panels was completed prior to decommissioning
- Removal of CFCs from equipment
- Removal and recycling/disposal of light ballasts, and fluorescent bulbs, and sodium vapor bulbs
- Decontamination of ASTs
- Removal and disposal of miscellaneous chemicals
- Cleaning of concrete pits, trenches, sumps, and floors in process areas
- Removal and disposal of wood floor block

- Removal of mercury containing devices
- Metal surface cleaning
- Removal and recycling of batteries
- Removal and disposal of accumulated wastes
- Flushing process waste, storm, and sanitary sewers
- Draining equipment and elevators and leave for demolition Contractor
- Removal PCB contaminated concrete
- Management, segregation, characterization, and proper disposal of all wastes generated during decommissioning activities
- Collection and disposal of ash from Powerhouse

Building decommissioning activities are described in detail in Section 4.0.

4.0 BUILDING DECOMMISSIONING ACTIVITIES

The objective of the BD activities was to execute the decontamination and abatement work identified during the BDA for the selected Site disposition scenario (i.e., demolition).

4.1 ACM ABATEMENT

An initial ACM Survey was conducted by Peregrine in 1997. At that time the Site was still in operation. The initial survey report was reviewed by CRA and used, in part, to develop a work plan for additional ACM assessment activity.

CRA performed two ACM surveys at the Site as part of the BD activities. The purpose of the ACM surveys was to identify, quantify, determine friability, and assess the condition of ACM in buildings to be demolished. The ACM surveys involved the observation and sampling of thermal systems insulation (i.e., pipe, tank, and duct insulation), surfacing materials (i.e., spray-on-fireproofing, troweled-on plaster), and miscellaneous materials (i.e., floor tile, ceiling tile, roofing materials, galbestos panels, window caulking).

In 1999, CRA conducted two ACM surveys at the Site. The first survey focused on the Administration Building. The survey was conducted while the building was being used by GM as a Transition Center/Job Bank. Thus, the survey was non-intrusive in nature (e.g., covered ACM accessible to building occupants during the course of normal duties). Results of this survey are in the document titled Summary ACM Report (CRA, September 1999), which is attached as Appendix A to this Report.

The second ACM survey focused on Building 44, Building 63, and the Powerhouse. The survey was conducted while these buildings were inactive. Results of the survey are presented in the document titled Phase II ACM Survey (CRA, April 2000), which is attached as Appendix B to this Report.

In December 2000, REALM decided to decommission and demolish the Administration Building. CRA contracted EKS Environmental Consulting and General Contracting (EKS) to review and, if necessary, update the findings of the Summary ACM Report (CRA, September 1999). The Administration Building was vacant at the time of this survey. The quantity and location of ACM was revised based on the EKS review.

Approximately 6,000 cubic yards of ACM waste was removed during BD activities and disposed at Citizens Disposal in Grand Blanc, Michigan and Brent Run Landfill in Montrose, Michigan (see Section 4.7.3). Abatement activities are summarized in the Sections below.

4.1.1 GALBESTOS ENCAPSULATION

Over 250,000 square feet of galbestos siding was identified throughout the Site. REALM encapsulated most of these panels beginning in September 1998, prior to Peregrine's decision to shut down the Plant and prior to the property transfer to REALM.

Paints used to encapsulate the panels were tested to assure that they met applicable standards. After encapsulation of the siding, the material was reclassified as Category II non-friable ACM. Encapsulated panels were subsequently removed intact during demolition activities as discussed in Section 5.0.

4.1.2 FRIABLE ACM REMOVAL

Friable asbestos containing thermal system insulation was present in the Administration Building, Building 44, Building 63, and the Powerhouse and associated tunnels.

The wet/glove bag method was primarily used for the abatement of friable ACM. The friable material was sufficiently wetted without over-saturation, removed from pipes or structures, and placed into glove bags. The glove bags were installed around the material to be removed. Seals on the bags were checked routinely. Once full, glove bags were sealed and immediately placed into 6-mil plastic container bags. They were then placed into lined roll off boxes and transported for disposal.

Due to the quantity and size of thermal insulation on boilers in the Powerhouse, the negative air method was used. The negative air method involves using a high-efficiency particulate arrestance (HEPA) ventilation system to induce a negative pressure work zone. A minimum of two layers of 6-mil plastic sheeting were applied to the walls, floors, fixtures, and ceiling to establish a fully contained work area.

The removal of the friable asbestos was completed in accordance with applicable health and safety regulations. Air monitoring in work areas was conducted by BDN, Inc. throughout ACM abatement activities.

4.1.3 NON-FRIABLE ACM REMOVAL

Non-friable asbestos was present in the Administration Building, Building 44, Building 63, and the Powerhouse. Non-friable ACM included: fire doors, gaskets, transite panels, floor tile, ceiling tile, electrical cable wrap, galbestos panels, and lab tables.

Windowpanes containing non-friable window caulking were also abated. Each windowpane was removed using hand tools and torches. In circumstances where torching was necessary, water was supplied to the immediate area, and a fire watch was conducted. Each window was lowered and placed into lined roll off boxes. This approach ensured that the caulking material remained intact and non-friable.

Galbestos siding that was not encapsulated was removed prior to building demolition. The siding was removed, lowered, and disposed following the same procedures as the windowpanes described above.

All other non-friable ACM including fire doors, gaskets, transite, floor tile, ceiling tile, and electrical wrap were removed intact using the wet methods, wrapped in 6-mil plastic bag containers, and placed into lined roll off boxes for transportation and disposal.

Non-friable ACM roofing, non-friable asbestos roof flashing, and remaining encapsulated galbestos siding were removed during demolition activities described in Section 5.0.

4.2 CHEMICAL SWEEP

Several thousand gallons of unused chemicals, solvents, and solutions were stored throughout the Site. The materials were collected, segregated, and temporarily stored within a secondary containment structure that was constructed in the south end of Building 63 specifically for decommissioning activities.

Chemicals were reused at other GM sites or recycled, when appropriate. All remaining chemicals were disposed at Safety-Kleen's Lone Mountain Facility in Waynoka, Oklahoma; Wichita facility in Wichita, Kansas; or EDT facility in Clarence, New York.

4.3 REMOVAL OF ITEMS POTENTIALLY CONTAINING POLYCHLORINATED BIPHENYLS

Items regulated due to their PCB concentration including PCB-impacted dielectric fluid (from transformers, capacitors, switchgear reservoirs, oil-breakers), PCB light ballasts, and any PCB-impacted matrix such as concrete, sand, and limestone associated with the operation of electrical equipment (i.e., spills onto concrete, soil) were removed from the Site. These materials were characterized and properly disposed.

4.3.1 PCB-CONTAMINATED ELECTRICAL EQUIPMENT AND UNDERLYING CONCRETE

PCB-containing electrical equipment removed from the Site during BD activities included transformers, oil-breakers, potheads, bushings, potential transformers, and capacitors. SunOhio, Inc. (SunOhio) of Canton, Ohio was contracted to remove these items, and Trans-Cycle Industries, Inc. (TCI) of Pell City, Alabama was subcontracted to transport and dispose of bulk PCB liquids and discarded electrical equipment. Adamo Demolition Inc. was contracted to salvage any non-PCB transformers.

A total of 35 roof top transformers on Building 44, 5 platform transformers inside Building 44, and 8 transformers adjacent to the Main Switchyard were removed from the Site. Table 4.5 identifies the PCB concentration in dielectric fluid from each transformer. Approximately 28,000 gallons of oil and 316,000 pounds of transformer equipment were disposed. Approximately 412,000 pounds of transformer equipment was recycled in a smelter. All transformers were de-energized, grounded, and locked out. Prior to removal, all free flowing liquids were removed. Secondary spill containment was established in order to contain accidental releases while removing liquids. Liquid from each transformer was drained from the unit into a tanker truck. Dielectric fluids removed from the PCB electrical equipment were incinerated at TCI's Pell City, Alabama facility. Non-PCB dielectric fluid from transformers in the Main Switchyard were recycled at General Oil's facility in Redmond, Michigan. Once all liquid had been drained from the transformers, SunOhio dismantled, removed, and loaded PCB transformers onto flat bed tractor-trailers, and shipped them to TCI's Pell City, Alabama facility for proper disposal (smelting). CRA inspected all transformers for any leaks, fluid spots, and proper labeling.

A total of 319 individual PCB capacitors were removed from the facility. Banks of these capacitors were found in several of the fan rooms, substations, next to air-units, and in the basement of the Powerhouse. Before removal of each capacitor, the location was

set-up with secondary containment. Each unit was de-energized, and electrical contacts were disconnected. The capacitors were placed intact into 55-gallon drums. Each drum was then sealed, labeled, and moved to a temporary staging area before being transported. Drums of capacitors were also shipped to TCI's Pell City, Alabama facility for disposal.

Each electrical substation also contained several miscellaneous pieces of electrical equipment. Accessible potential transformers, termination boxes, potheads, bushings, and oil-filled circuit breakers were sampled for PCBs. Those items with PCBs less than 50 mg/kg were disposed as non-TSCA solid waste at the Brent Run landfill. Those items with PCBs greater than 50 mg/kg, or inaccessible for sampling, were removed and managed as PCB waste in the same manner as the PCB capacitors.

After equipment was removed, indicator wipe sampling of underlying concrete was performed to identify areas of historical release. Characterization samples were collected in Substations and Fan Rooms in Building 44, Bay P16 (Building 44), the Main Switchyard (Primary Substation), as well as around equipment in the Powerhouse and Building 63. Samples were collected at five-foot intervals in accordance with 40 CFR 761 Subpart N. Based on the results of the characterization sampling, the substation transformer pads in Building 44 had not been impacted (e.g., contained less than 10 µg/100 cm² PCBs) and were disposed as non-hazardous solid waste at the Brent Run landfill. Impacted concrete was removed and disposed as PCB Remediation Waste in accordance with 40 CFR 761.61(b). Verification samples were collected to demonstrate that all concrete containing greater than 10 mg/kg PCBs had been removed.

4.3.2 PCB-CONTAMINATED LIGHT BALLASTS REMOVAL

Inland Waters Pollution Control, Inc. (IWPC) of Detroit, Michigan was retained for the removal of PCB light ballasts from Building 44, Building 63, the Powerhouse and miscellaneous outbuildings. IWPC sub-contracted the removal of light ballasts from the second story of Building 44 to National Abatement Corporation, Inc. (National) of Flint, Michigan.

Work was conducted from February 2000 through April 2000. Approximately 8,500 individual light ballasts were removed, packaged, and temporarily stored on Site. Light fixtures were manually removed using man-lifts, then collected and loaded onto a stake truck. Once the truck was full, it was relocated to a designated area with secondary containment where the ballasts were manually separated from the fixtures.

Ballasts were placed in 55-gallon drums with approximately 2 pounds of absorbent material lining the bottom, such that the total weight did not exceed 750 pounds for the drum. No leaking ballasts were identified. A unique identification was given to every drum that was sealed and labeled. The drum was also given an "out of service" date for the ballasts that were placed inside that drum. Approximately 370 drums were filled with PCB light ballasts. Safety-Kleen loaded, transported, and disposed the drums at their Clive, Utah facility.

4.4 FLOORING REMOVAL

Approximately 650,000 square feet of non-hazardous, non-asbestos containing, wood block, asphalt, and ceramic flooring was removed from Building 44. Prior to removal of the flooring, CRA designated specific truck routes inside Building 44 to ensure appropriate load limits were not exceeded above the basement. The flooring was removed using front-end loaders, bobcats, and hand tools, and placed into trucks for transportation. Appropriate measures were implemented and enforced for dust control. Approximately 4,400 tons of flooring materials were disposed at the Brent Run Landfill in Montrose, Michigan.

Approximately 15 cubic yards of wood block flooring in the area near Bay P16 was determined to contain PCBs regulated under TSCA. Wood block flooring in this area was removed and disposed as TSCA regulated PCB Remediation Waste at the Safety-Kleen facility in Clive, Utah.

4.5 REMOVAL OF CFCs, BATTERIES, LIGHTS, AND MERCURY CONTAINING UNITS

CFCs, batteries, light bulbs, light fixtures, and mercury containing devices were removed during BD activities.

CFCs were extracted from office air conditioning units, drinking water fountains, refrigerators, and chillers using a vacuum retrieval system. The CFCs were evacuated and transported by Golden Refrigerants for recycling at their Plymouth, Michigan facility. The housing of the air conditioner units were left as scrap metal for removal during demolition. Approximately 200 pounds of CFCs were extracted during BD activities.

Batteries were found in power banks, emergency lighting, and in battery charging stations. The batteries were collected, segregated by type, and staged in metal totes. The batteries were later picked up and transported to the General Motors AC Delco Battery Bank in Flint, Michigan for reuse. Approximately 20 pallets of batteries (approximately 20 batteries per pallet) were recycled during BD activities.

Approximately 29,000 individual high intensity discharge sodium vapor and fluorescent light bulbs were packaged in cardboard boxes and removed from the Site. The bulbs were then transported to Cleanlites Recycling, Inc. in Mason, Michigan to be recycled.

Approximately 10 pounds of mercury containing devices were located, removed, and packaged for transportation. No evidence of a release of mercury from any of the devices was observed. The majority of the mercury devices were disposed at Safety-Kleen's Wichita, Kansas Facility. High intensity mercury vapor bulbs were transported to Cleanlites Recycling, Inc. in Mason, Michigan for recycling.

4.6 CLEANING OF RESIDUAL WASTES

Residual waste was removed from various locations in Building 44, Building 63, the Powerhouse, the Main Substation, and the Administration Building. CRA field representatives inspected these areas. The following paragraphs describe the specific areas cleaned of residual wastes.

4.6.1 ABOVE GROUND STORAGE TANK CLEANING

A total of 24 ASTs were identified at the Site at the commencement of BD activities. These included eight former caustic tanks north of Building 44, one fuel oil tank north of the Powerhouse, two caustic tanks east of Building 63, and headliner adhesive tanks east of the main plant.

Decommissioning of the ASTs was accomplished by emptying the tanks of their contents (if any), removing any sludge that had accumulated on the bottom of the tanks, and washing the interior surfaces of the tanks to remove scale. The clean tanks were vented to the atmosphere and left to be recycled as scrap metal during demolition.

4.6.2 CLEANING OF PITS, TRENCHES, AND SUMPS

Concrete pits, trenches, and sumps were located throughout Building 44, Building 63, and the Powerhouse. As described in the following sections, concrete and metal surfaces were cleaned to prevent any future release of potentially hazardous or petroleum wastes to the environment, as well as to eliminate any physical hazards.

Accumulated solid wastes were removed manually, or with the aid of a vacuum truck. Solids and liquids removed from pits, trenches, and sumps were separated in vacuum trucks. Solids were placed in roll-off boxes, characterized, and disposed accordingly. Liquid waste and rinse waters were collected and stored in tanks prior to transportation to an off-Site WWTP for disposal.

Upon completion of pit, trench, and sump cleaning, CRA inspected each area for evidence of releases to subsurface soils. CRA did not observe any evidence of release (e.g., staining, odor, or damaged concrete) in areas where the pit trench or sump was accessible.

Only pits and trenches that Peregrine had backfilled with gravel and sealed with concrete in Buildings 44 and 63 required additional investigation for subsurface releases. In such cases, the concrete bottoms of the pits and trenches were broken and removed. Visual and olfactory inspection of the underlying soils was performed by CRA. If the pit bottom was in poor condition and evidence of release (e.g., staining or odor) was observed, a sample of the soil was collected. None of the visual, olfactory, or analytical data from these inspections indicated that any further releases had occurred.

4.6.3 CLEANING OF CONCRETE SURFACES

Approximately 300,000 square feet of concrete floors and other concrete surfaces were cleaned. Cleaning and decontamination was accomplished using low volume high pressure water sprays. The application of the water sprays continued until the concrete surfaces were visibly clean and free of all visible contamination except residual staining consisting of any light shadows, streaks, or minor discoloration. Rinse waters were collected and placed into storage tanks for characterization and off-Site disposal.

CRA inspected all concrete surfaces to verify that the clean standard described above had been achieved.

4.6.4 CLEANING OF METAL SURFACES

Metal surfaces that were cleaned included metal liners in pits and trenches, equipment, ASTs, and process tanks.

Metal surfaces were cleaned using low volume high pressure water sprays. Clean was defined as when viewed without magnification, the surface is free of all visible contamination except residual staining consisting of light shadows, streaks, or discoloration. The rinse waters were collected, containerized in frac tanks, and characterized for disposal.

CRA inspected all metal surfaces to verify that the clean standard described above had been achieved.

4.6.5 DRAINING AND CLEANING OF PROCESS EQUIPMENT

Equipment remaining at the Site when decommissioning began included the dip tank in Building 44, the compactor in Building 63, the compactors in Building 44, heat treat furnaces and stoves in Building 44, and miscellaneous pumps and open air tanks in the Powerhouse basement.

Prior to cleaning, all utilities were verified to be inactive. Liquids and solids were then removed, segregated, and placed into containers, as needed. Following the removal of solids, equipment was cleaned using low volume high pressure water sprays. The application of the water sprays continued until the metal surfaces were clean as described in Section 4.6.4. The rinse waters were collected and placed into containers for characterization and disposal.

Furnaces from the heat treat area were loaded and shipped to Brent Run Landfill in Montrose, Michigan as asbestos containing waste. All of the other equipment was left for scrap metal salvage during demolition activities.

4.6.6 CLEANING OF STORM AND SANITARY SEWERS

Flow directions of each storm and sanitary sewer to be cleaned were determined and horizontal service connections plugged. The sewer lines were flushed using a jet rodder working from upgradient to downgradient. The jet rodder dislodged accumulated solid material from the lines. Wastewater generated during sanitary sewers cleaning flowed

by gravity to the publicly owned sewer system. Wastewater generated from storm sewer cleaning was collected, containerized, and temporarily stored prior to disposal at Edwards Oil in Detroit, Michigan.

Storm and sanitary sewer cleaning activities were observed by CRA's field representative.

4.6.7 DRAINING AND CLEANING OF HYDRAULIC LIFTS AND ELEVATORS

A total of nineteen hydraulic lifts and ten hydraulic elevators were decommissioned at the Site. Prior to work activities, each lift and elevator was examined to determine the most efficient approach for draining and cleaning. Positive blocking was provided to prevent movement of the elevators. Verification that the power supply had been terminated was obtained prior to decommissioning, in accordance with applicable safety regulations.

Hydraulic oil was removed from each reservoir tank, pit, casing, and associated piping. Exterior residues were removed using the same standards defined in Section 4.6.4. The lifts and elevators were recycled as scrap metal during demolition activities.

CRA inspected each hydraulic lift and elevator to verify it had been drained and cleaned as described above.

4.6.8 CLEANING OF PROCESS WASTE AND COOLING WATER LINES

Process waste lines run from the process areas in Building 44 toward the former WWTP and Powerhouse (both were on the north side of the Plant). It was assumed that accumulations of sludge and sediment had built up in some of the process waste lines.

In preparation for decommissioning, all process, non-contact cooling water, oil, and steam-condensate lines were identified. Low spots were identified as points for draining the lines. The lines were flushed with water to remove any residual waste. After cleaning, the lines were cut at low points. Rinse waters and residual solids were collected and transported to storage containers for characterization, segregation, and disposal at Edwards Oil in Detroit, Michigan.

4.6.9 REMOVAL OF BOILER ASH

Boiler ash remaining in the Powerhouse silos was removed and disposed as non-hazardous solid waste. Ash was removed from the surface of the Powerhouse silos with high-pressure water sprays. Ash was transferred directly from the silos to vacuum boxes.

Approximately 60 tons of boiler ash was transported to the Brent Run Landfill in Montrose, Michigan for disposal.

4.7 WASTE MANAGEMENT

All liquid and solid wastes generated during BD activities were containerized, segregated, characterized, and disposed in accordance with applicable state and federal regulations, and GM Corporate reference letters. A summary of disposal and recycling facilities receiving waste from these BD/demolition activities are presented in Table 4.1.

Waste characterization for disposal was conducted, as needed. In many cases, sample data from the BDA was adequate to characterize waste for disposal. Waste characterization sampling results are summarized in Tables 4.2, 4.3, 4.4 for solids, sludge/oil, and liquids, respectively.

4.7.1 LIQUID WASTE

Liquid waste was generated during concrete surface cleaning, metal surface cleaning, process waste line flushing, non-contact cooling water line flushing, condensate line flushing, and cleaning of pits, trenches, and sumps. The liquids were temporarily stored in frac tanks for characterization and ultimately disposed.

Liquid waste characterization samples are presented on presented in Table 4.4. Samples were analyzed for VOCs, SVOCs, PCBs, and metals.

Approximately 160,000 gallons of liquid waste were disposed at the Edwards Oil Facility in Detroit, Michigan. Material from the Building 63 Bin No. 9 was not included (see Section 4.7.4).

4.7.2 NON-HAZARDOUS SOLID WASTE

Non-hazardous solid wastes were generated during the following BD activities:

- Cleaning of pits, trenches, and sumps
- Draining and flushing of process waste, product, condensate, and sewer lines
- Removal of ash from Powerhouse silos
- Removal of wood block flooring
- Cleaning of equipment, tanks, elevators, and lifts

Solid waste characterization samples are presented in Table 4.2. Two samples of the boiler ash (244 and 245) were analyzed for metals. Two samples of solid waste generated during pit, trench, and sump, equipment/tank, and sewers/waste lines cleaning (455 and 456) were collected and analyzed for VOCs, SVOCs, PCBs, and metals. Ten samples of solid waste contained in pits in Building 63 (509, 511-518) were analyzed for VOCs, SVOCs, PCBs, and metals.

Based on the characterization sampling discussed, Bin No. 9 from Building 63 contained RCRA characteristically hazardous waste (D008), see Section 4.7.4.

All other non-hazardous solid waste (approximately 102,000 tons) was disposed at the Brent Run Landfill in Montrose, Michigan.

4.7.3 ACM CONTAINING WASTE

Approximately 6,000 cubic yards of ACM waste generated during BD activities was packaged as described in Section 4.1 and disposed as non-hazardous waste at Citizens Disposal in Grand Blanc, Michigan or Brent Run Landfill in Montrose, Michigan.

4.7.4 HAZARDOUS WASTE

No RCRA listed hazardous wastes were identified or disposed during BD activities. The following activities produced RCRA characteristically hazardous waste:

- Chemical sweep
- Removal of mercury switches
- Oil sludge/liquid removed from Bin No. 9 from Building 63

Miscellaneous chemicals and mercury containing devices removed from the plant that could not be recycled were characterized as hazardous based on generator knowledge, MSDS sheets, and labels. Material removed from Bin No. 9 from Building 63 was sampled (510, see Table 4.2) and determined to be RCRA characteristically hazardous for chromium and lead.

Approximately 1,500 gallons, 5 cubic yards, and 120 tons of hazardous waste were disposed of. The disposal facilities were Safety-Kleen's Grassy Mountain facility in Clive, Utah; Lone Mountain facility in Waynoka, Oklahoma; Wichita facility in Wichita, Kansas; and EDT facility in Clarence, New York.

4.7.5 PCB-CONTAINING WASTE

Characterization of the various PCB-containing waste streams was primarily based on data from concrete and oil samples.

According to 40 CFR 761 Subpart J, PCB items that are in service and are to be disposed of in the future and PCB items that will be disposed of must be monitored until the shipping date. The areas where materials were stored prior to shipping were inspected to fulfill this obligation. Site inspections are documented in CRA's Site Log Book.

PCB wastes and PCB light ballasts and PCB-contaminated wood block flooring were transported and disposed at Safety-Kleen's facility in Clive, Utah. Dielectric fluids removed from the PCB electrical equipment were incinerated at TCI's Pell City, Alabama facility. PCB contaminated electrical equipment was disposed at TCI's facility in Pell City, Alabama.

4.7.6 RECYCLABLES

Attempts were made to maximize the reuse and recycling of the materials at the Site. The items recycled include:

- Fluorescent light bulbs
- High Intensity sodium vapor light bulbs
- Non-PCB light ballasts
- Batteries

- Mercury containing devices (high intensity mercury vapor bulbs)
- CFCs

Approximately 29,000 light bulbs, some mercury containing devices (most were addressed in Section 4.7.4), 28,000 pounds of non-PCB light ballasts, 20 pallets of batteries (approximately 20 batteries per pallet), and 200 pounds of CFCs were recycled during BD activities.

Light bulbs, some batteries, and recyclable mercury containing devices were transported to Cleanlites Recycling, Inc. in Mason, Michigan. All remaining batteries were sent to GMAC Delco in Flint, Michigan. CFCs were recycled by Golden Refrigerant at their facility in Plymouth, Michigan.

4.7.7 WASTE OIL

Approximately 14,000 gallons of non-TSCA, non-RCRA regulated oil in transformers and circuit breakers in the main switchyard was drained, containerized, and transported to General Oil in Redford, Michigan for reuse. The oil was used to fuel an industrial boiler.

All oil containing TSCA-regulated concentrations of PCBs was disposed as TSCA waste as described in Section 4.3.

4.8 DECOMMISSIONING SUPPORT ACTIVITIES

Various tasks were performed to facilitate BD activities. Natural gas lines were purged with compressed air to remove all traces of flammable gas using vacuum pumping methods.

Electrical lines were de-energized, as needed. After de-energizing, all of the switches and equipment were properly locked and tagged out. The main easement supplying the master substation for the electrical utilities was disconnected, locked out, tagged out, and removed by Consumers Power.

4.9 SUMMARY OF BD ACTIVITIES

The following BD activities were performed at the Site:

- ACM Abatement
- Chemical sweep
- PCB Abatement
- Flooring removal
- Removal of CFCs, batteries, lights, and mercury containing devices
- AST cleaning
- Cleaning of pits, trenches, and sumps
- Cleaning of concrete surfaces
- Cleaning of metal surfaces
- Draining and cleaning of equipment
- Cleaning of storm and sanitary sewers
- Cleaning of hydraulic lifts and elevators
- Cleaning of process waste lines
- Removal of boiler ash
- Management and off-Site disposal of wastes

Photographs of BD activities are contained in Appendix C.

5.0 DEMOLITION ACTIVITIES

Demolition activities consisted of pre-demolition work, ACM management, general demolition work, Site restoration, and waste management and disposal.

5.1 PRE-DEMOLITION WORK

Pre-demolition work activities included the following:

- Coordination of Contractor security with existing Site security
- Mobilization of Contractor equipment and temporary facilities
- Disconnection and plugging of remaining Site utilities including gas, electric, and sewer
- Removal and recycling of remaining equipment and tankage
- Copper salvage activities
- Placement of environmental controls including silt fencing and storm drain inlet covers
- Removal and disposal of non-encapsulated asbestos containing galbestos panels

Pre-demolition work activities were substantially completed by October 31, 2000.

5.2 ACM REMOVAL

The asbestos containing asphalt roofing system, roof flashing, and galbestos panels on the sides of buildings remained after BD activities. Removal of these materials was not feasible prior to demolition.

Asphalt roofing and roof flashing was determined to be Category I non-friable ACM during the Phase II ACM Survey conducted at the Site. Accordingly, roofing materials were removed and lowered to the ground using mechanical grappling devices. Once on the ground, the materials were segregated and loaded into lined dump trucks for disposal as non-friable ACM debris. Care was taken during removal not to subject the roofing material to sanding, cutting, or abrading. Ambient air monitoring was conducted during these activities to verify that no release of fibers above levels of concern occurred during removal.

Galbestos panels were determined to be Category II non-friable ACM and likely to become crumbled, pulverized, or reduced to powder during demolition. The galbestos panels were carefully removed in sections with the aid of a mechanical grapppling device. The panels were then lowered into lined roll-off boxes for disposal as non-regulated asbestos containing debris.

5.3 GENERAL DEMOLITION WORK

General demolition work consisted of the following activities:

- Demolition of all buildings to grade
- Demolition of special structures including powerhouse stacks, microwave tower, water tower, and fire protection system water reservoir
- Breaking concrete bottoms of basements, trenches, tunnels, pits, and sumps to promote drainage
- Crushing of unpainted brick for use as backfill
- Demolition of select WWTP basin walls
- Segregating, loading, and disposal of demolition debris not suitable for use as general backfill
- Recycling of scrap metal
- Removal, segregation, and disposal of the roofing system as ACM containing debris
- Permanent termination of sanitary sewer outlet including removing the discharge monitoring station from service (flowfilling manholes and sewer lines)

General Demolition began with Building 63 and the Powerhouse, and then proceeded to Building 44, working from north to south. The Administration Building was the last major structure to be demolished. General demolition was substantially complete by April 1, 2001.

5.4 SITE RESTORATION

Site restoration consisted of the following activities:

- Backfilling, compacting, and grading open excavations
- Spreading of topsoil
- Seeding and mulching of disturbed areas to establish vegetation

- Sweeping of concrete pads
- Raking of areas to be seeded
- Removal and disposal of any remaining debris, scrap metal, etc.
- Demobilization including removal of equipment and temporary controls

Site restoration activities were substantially completed (less the seeding) by July 27, 2001. Seeding was completed in September 2001.

5.5 WASTE MANAGEMENT AND DISPOSAL

Demolition debris and building materials that could not be recycled and were not suitable for use as fill were collected and loaded into dump trucks for disposal. The following items were disposed as non-hazardous solid waste.

- ACM debris (roofing and galbestos)
- Painted brick
- Concrete and other demolition debris not suitable for use as fill

All non-hazardous solid wastes were disposed at the Brent Run Landfill (Montrose, Michigan). Approximately 98,000 tons of non-hazardous waste was disposed during demolition activities. A summary of disposal facilities used during BD/demolition activities are presented in Table 4.1.

5.6 RECYCLABLE MATERIALS

Scrap steel, copper, and coal were collected, segregated, and shipped off Site to be recycled. The total weight removed from the Site was:

<i>Material</i>	<i>Units</i>	<i>Weight</i>
Steel	tons	14,445
Copper	pounds	547,258
Coal	tons	896

The scrap steel and copper were prepared and transported to Genesee Recycling, North Star Steel, or FPT for reuse. Coal from the coal yard was screened and transported to Wyandotte Power (Wyandotte, Michigan). Remaining coal fines were addressed in

June 2002 as an interim measure which is detailed under separate cover (Interim Measures Construction Certification Report, March 2010).

Due to their significant volume, demolition recycling records are maintained in storage at CRA's Plymouth, Michigan office.

5.7 SUMMARY OF DEMOLITION ACTIVITIES

Demolition activities consisted of the following tasks:

- Pre-Demolition preparation (mobilization, utility disconnects, metal salvage, ACM abatement, and placement of temporary controls)
- Demolition of all structures to grade
- Flowfilling sanitary manholes and sanitary sewer lines associated with the discharge monitoring station
- Segregation of wastes/recyclables
- Site restoration (backfilling, seeding, cleanup, and demobilization)

Selected photographs of demolition activities are contained in Appendix D.

6.0 SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

6.1 METHODOLOGY

A BDA was conducted at the Former Peregrine (U.S.) Inc. Coldwater Road Facility to identify areas requiring decommissioning. The overall BD process involved six main steps that include:

1. Initial Site Inspection
2. Determination of Assessment Criteria
3. Follow Up Assessment
4. Development of List of Areas to be Decommissioned
5. Decommissioning Implementation
6. Demolition Implementation

6.2 PURPOSE OF CLOSURE

GM/REALM identified the disposition scenario for the Site as demolition of the building structures and process areas with building slabs to remain in place. Decommissioning and demolition activities were performed to reduce risk to the local environment and facilitate the sale of the property.

6.3 BUILDING DECOMMISSIONING ACTIVITIES

Building Decommissioning activities began in November 1999 with pre-demolition PCB removal, and were completed in January 2001 with decommissioning activities in the Administration Building. The following BD activities were conducted:

- Decontamination of ASTs containing waste materials
- Cleaning concrete pits, sumps, trenches, and floors
- Cleaning metal surfaces
- Removal and disposal of all chemicals
- Removal and disposal of PCB wastes
- Removal and disposal of wood block flooring
- Removal and disposal of ACM

- Cleaning process waste lines
- Cleaning storm and sanitary sewers
- Draining and removal select tanks and equipment
- Removal and disposal of boiler ash
- Collection and removal of overhead lights, ballasts, mercury devices, batteries, and CFC units

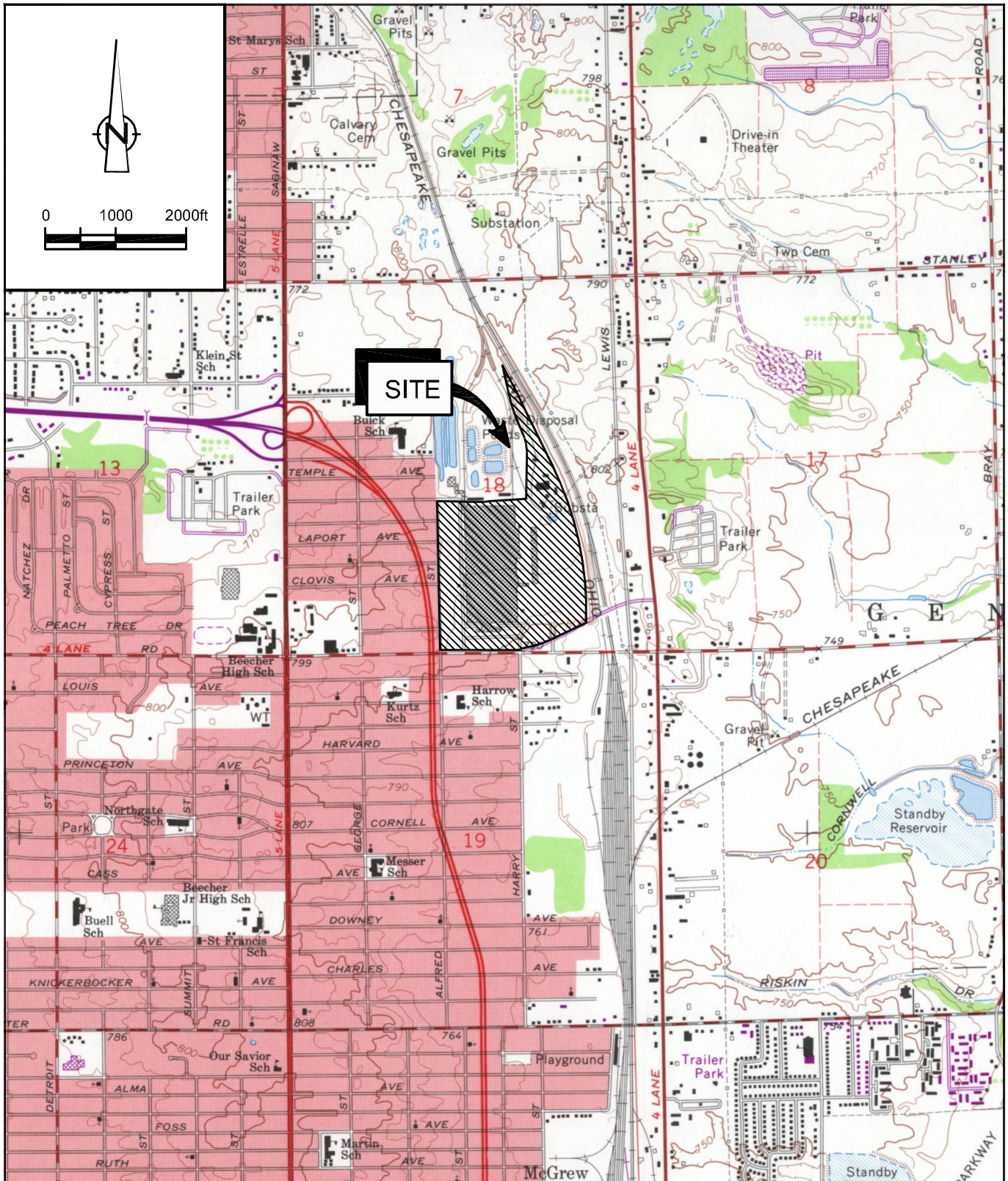
6.4 BUILDING DEMOLITION ACTIVITIES

Demolition activities were performed to promote long-term redevelopment of the Site. This was to be accomplished by removing all Site structures to grade/building slabs/asphalt. Demolition activities began in October 2000 and were subsequently completed in July 2001. Restoration activities were completed in October 2001.

7.0 REFERENCES

The following references were used during the preparation of this BDA/BD activities Report, and are not included as an appendix.

- Summary ACM Survey Report: Former Peregrine Coldwater Road Facility, Genesee Township, Michigan; Conestoga-Rovers & Associates; September 1999*
- Phase I ACM Survey: Former Peregrine Coldwater Road Facility, Genesee Township, Michigan; Conestoga-Rovers & Associates; January 2000*
- Phase II ACM Survey: Former Peregrine Coldwater Road Facility, Genesee Township, Michigan; Conestoga-Rovers & Associates; April 2000*
- Focused Building Decommissioning Assessment (BDA) Report: Former Peregrine Coldwater Road Facility, Genesee Township, Michigan; Conestoga-Rovers & Associates; August 1999*
- Resource Conservation and Recovery Act (RCRA) Facility Investigation Report, Conestoga-Rovers & Associates, Inc.; November 2000*
- Description of Current Condition Reports, Former Peregrine Coldwater Road Facility, Genesee Township, Michigan; Conestoga-Rovers & Associates; March 2000*
- Draft PCB Remediation Waste Removal Summary Report; Conestoga-Rovers & Associates; October 2000*
- Contract Documents – Galbestos Encapsulation; Conestoga-Rovers & Associates; September 1998
- Contract Documents – Pre-Demolition Asbestos Abatement; Conestoga-Rovers & Associates; September 1999
- Contract Documents – Pre-Demolition PCB Removal; Conestoga-Rovers & Associates; October 1999
- Contract Documents – Wood Block Flooring Removal; Conestoga-Rovers & Associates; January 2000
- Contract Documents – General Demolition; Conestoga-Rovers & Associates; September 2000
- Contract Documents – Soil Excavation and Transportation; Conestoga-Rovers & Associates; March 2001
- Request for Bid – Environmental Cleaning Services; Conestoga-Rovers & Associates, April 2000
- CRA Daily Site Activities Log Volumes I - VI



SOURCE: USGS QUADRANGLE MAP;
FLINT NORTH, MICHIGAN

figure 1.1

SITE LOCATION
FORMER PEREGRINE (U.S.) INC.
COLDWATER ROAD FACILITY
Genesee Township, Michigan



■ FLINT

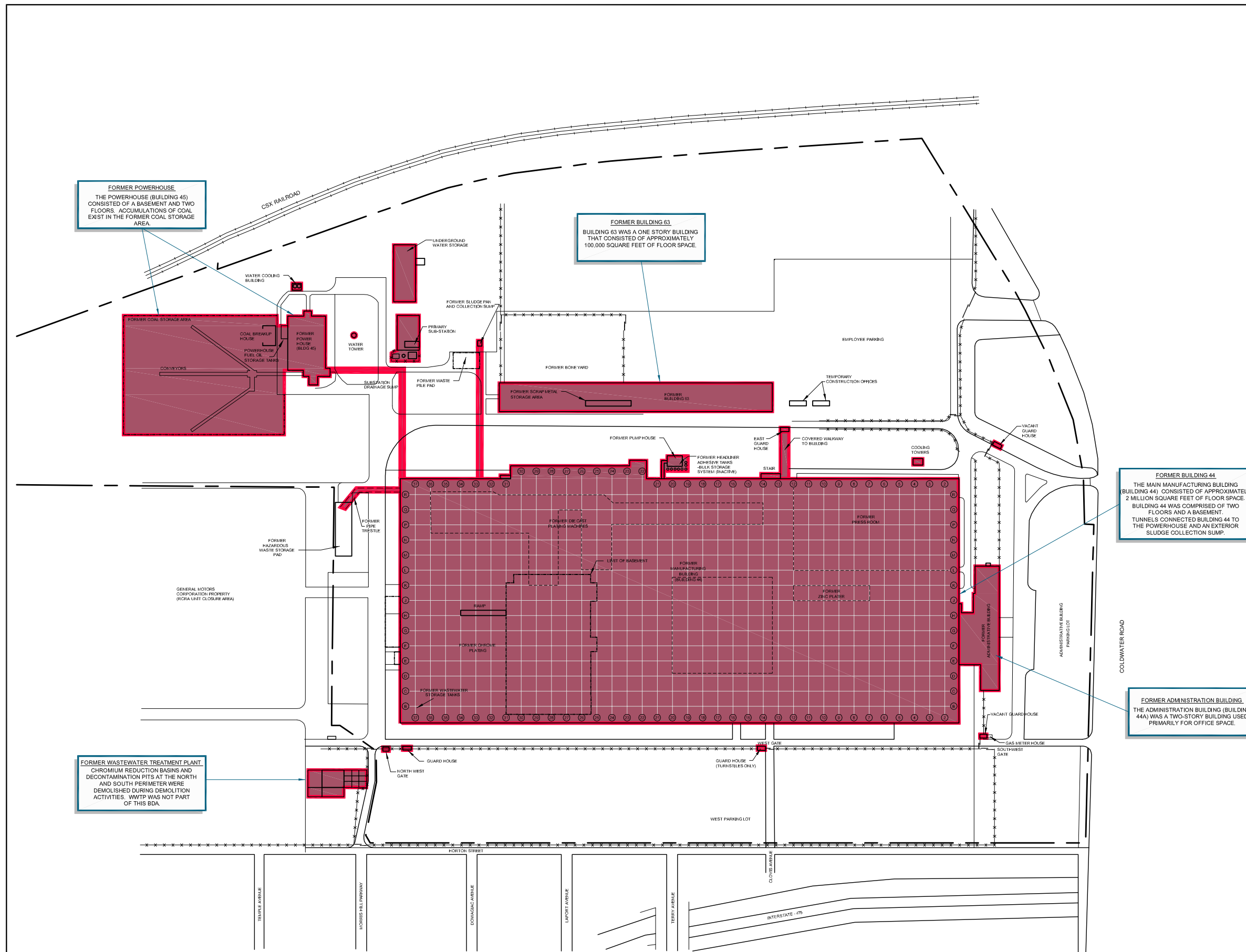


TABLE 2.1

**INITIAL SAMPLING AND ANALYSIS PLAN SUMMARY
BUILDING DECOMMISSIONING ASSESSMENT
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Area/Description</i>	<i>Location</i>	<i>Sample Quantity</i>	<i>Sample Type</i>	<i>Sample Analysis</i>
A. <u>MAIN MANUFACTURING BUILDING</u>					
<u>Main Floor</u>					
1.	Battery Charge Area - floor	Q16-S13	4	Concrete	Corrosivity, TCLP Lead
2.	Battery Charge Area - sump	S15	1	Sludge/Liquid	Corrosivity, TCLP Metals
3.	Southeast Trench Area	Southeast	4	Sludge	PCB, Metals
4.	Southeast Trench Area - wood floor block	Corner	8	Wood	PCB, Metals
5.	Southeast Trench Area - sludge on floor block	of	4	Sludge	PCB, SVOC, Metals
6.	Southeast Trench Area - sludge on floor block	Plant	1	Composite of Sludge	TCLP Metals, TCLP SVOC, TCLP VOC
7.	East Compactors (2) - hydraulic fluid	S23-S24	2	Oil	PCB
8.	East Compactors Area	S23-S24	6	Wipe	PCB
9.	East Compactor Area Sump	S23-S24	1	Liquid	PCB
10.	Wood Floor Block	Various	12	Solid	PCB, SVOC, Metals
11.	Mastic Below Wood Floor Block	Various	10	Tar	Asbestos, PCB
12.	Interior Transformers (2) - drip tank	C8, N28	2	Wipe	PCB
13.	Flaking Lead Paint	Various	10	Paint Chips	Lead
14.	North Plating Area	K29-H31	4	Concrete	RCN, Corrosivity, Cd, Cr, Ni, Cu
15.	Heat Treat Quench Oil Tanks	D19	4	Sludge	TCLP Barium
16.	Die Washing Unit - sump	D17	1	Liquid	TCLP Metals, VOCs
17.	Dust (Above Former North Electroplating)	C33, H30, D17, R8	4	Dust	TCN, Corrosivity, Cd, Cr, Ni, Cu
19.	North Truck Loading Dock	P36-K36	4	Wipe	PCB, Metals
20.	Southwest Truck Loading Dock - Sump	B1-A5	1	Sludge/Liquid	PCB, SVOC, Metals
21.	Cargo Elevators - hydraulic fluid	E1, B16	2	Oil	PCB
22.	Cargo Elevator Rooms	E1, B16	2	Wipe	PCB
23.	Miscellaneous Ductwork	Various	5	Dust	Metals
24.	Northwest Train Loading (gravel covered)	A38-A30	2	Concrete/Soil	TCLP VOC, TCLP SVOC, TCLP Metals
25.	East Asphalt Storage - waste asphalt/concrete	S23	1	Concrete	TCLP VOC, TCLP SVOC
26.	Maintenance Area - sump	R22	1	Sludge/Liquid	PCB, SVOC, Metals

TABLE 2.1

**INITIAL SAMPLING AND ANALYSIS PLAN SUMMARY
BUILDING DECOMMISSIONING ASSESSMENT
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Area/Description</i>	<i>Location</i>	<i>Sample Quantity</i>	<i>Sample Type</i>	<i>Sample Analysis</i>
<u>Second Floor</u>					
28.	Substations (8 roof top) 9 samples each	Various	72	Concrete Composite	PCB
29.	Substation drains	Various	8	Sludge	PCB
30.	Fan Room Floor Below Capacitor (30)	Various	30	Wipe	PCB, Metals
31.	Flaking Lead Paint	Various	5	Paint Chips	Lead
32.	Chemistry Lab	K15	3	Filter	RCN, Corrosivity, TCLP Metals
33.	Chemistry Lab (if no filter)	K15	3	Dust	Metals
34.	Vent Hood	E19	1	Dust	Metals
35.	Penthouse Elevator - hydraulic oil	H38	1	Oil	PCB
36.	Penthouse Elevator	H38	1	Wipe	PCB
<u>Basement</u>					
37.	Flaking Lead Paint	Various	5	Paint Chips	Lead
38.	Paint Room - sump		1	Sludge	TCLP VOC, Pb, Cd, Cr
39.	Paint Room - sump		1	Liquid	TCLP VOC
40.	Paint Room - wall core		1	Concrete	TCLP VOC, Pb, Cd, Cr
41.	Ducts/Vents	J30, H30, K26	3	Dust/Solid	Metals
42.	Elevator - hydraulic fluid	J30	1	Oil	PCB
43.	Elevator - sump	J30	1	Liquid	PCB
44.	Elevator room	J30	1	Wipe	PCB
45.	Electroplate Area	G30	1	Concrete	RCN, Corrosivity, TCLP Pb, Zn, Cd, Cr, Ni
46.	Trench	J29	1	Sludge	TCLP Metals
47.	Fan Room Below Capacitor	B28	2	Wipe	PCB
<u>B. POWERHOUSE</u>					
1.	Elevator - hydraulic fluid		1	Oil	PCB
2.	Compressors (Main Floor)		8	Wipe	PCB
3.	South Side of Boiler		5	Wipe	PCB
4.	Flaking Lead Paint		4	Paint Chips	Lead
5.	Sumps (Basement)		2	Liquid	PCB, VOC, SVOC

TABLE 2.1

**INITIAL SAMPLING AND ANALYSIS PLAN SUMMARY
BUILDING DECOMMISSIONING ASSESSMENT
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Area/Description</i>	<i>Location</i>	<i>Sample Quantity</i>	<i>Sample Type</i>	<i>Sample Analysis</i>
B. <u>POWERHOUSE</u> (continued)					
6.	West Sump (near elevator)	Tunnel Entry	1	Floating Oil	VOC, PCB
7.	West Sump (near elevator)		1	Liquid	VOC, PCB
8.	Floor Trenches (Basement)		8	Sludge	SVOC, PCB, Metals
9.	Dust (Basement)		1	Dust	Metals
10.	Boiler Ash		1	Solid	Metals
C. <u>BUILDING 63</u>					
1.	South Exterior Paint Tank	Various	1	Liquid	VOC
2.	Compactor (1) - hydraulic fluid		1	Oil	PCB
3.	Compactor Area/Waste Bins		4	Wipe	PCB
4.	Flaking Lead Paint		4	Paint Chips	Lead
5.	Tunnel To Pumphouse		1	Sludge Composite	PCB, Metals
6.	Central Sump		1	Liquid	VOC, PCB, Metals
7.	North Truck Loading - catch basin		1	Liquid	PCB, SVOC, Metals
8.	North Truck Loading		1	Wipe	PCB

Notes:

Metals - RCRA Metals including: arsenic, barium, cadmium, chromium, lead, mercury, selenium & silver.

PCB - Polychlorinated biphenyl's

VOC - Volatile organic compounds

TCLP - Toxic Characteristics Leachate Procedure

RCN - Reactive cyanide

TCN - Total cyanide

SVOC - Semi-volatile organic compounds

Std. - Standard laboratory turn around time

Preliminary results in 14 days

Final results in 21 days

48 hr. - Preliminary results in 48 hours

Cd - Cadmium

Cr - Chromium

Pb - Lead

Ni - Nickel

Cu - Copper

TABLE 2.2

FOLLOW-UP SAMPLING AND ANALYSIS PLAN
BUILDING DECOMMISSIONING ASSESSMENT
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Item</i>	<i>Previous Sample No.</i>	<i>Area/Description</i>	<i>Location</i>	<i>Sample Quantity</i>	<i>Sample Type</i>	<i>Sample Analysis</i>
A. <u>MAIN MANUFACTURING BUILDING</u>						
<u>Main Floor</u>						
1.	001-004	Dust in Rafters	Various	4	Dust	TCLP Pb
2.	003	Dust in Rafters		1	Dust	TCLP Cr
3.	Various	Painted Pb non-metal surfaces	Various	12	Concrete	TCLP Pb
4.	113	Southeast Trench Area	P6	1	Sludge	TCLP Pb, Ba
5.	114	Southeast Trench Area - sludge on floor block	Q4	1	Sludge	TCLP Pb
6.	115	Southeast Trench Area - sludge on floor block	P3	1	Sludge	TCLP Pb
7.	116	Southeast Trench Area - sludge on floor block	Q6	1	Sludge	TCLP Pb
8.	117	Southeast Trench Area - sludge on floor block	Q2	1	Sludge	TCLP Pb
9.	120	Wood Floor Block	Q2	1	Wood	TCLP Pb
10.	122	Wood Floor Block	Q4	1	Wood	TCLP Pb
11.	128	Wood Floor Block	K36	1	Wood	TCLP Pb
12.	133	Wood Floor Block	B17	1	Wood	TCLP Pb
13.	135	Wood Floor Block	P16	1	Wood	TCLP Pb, Cr
14.	135	Wood Floor Block - char. sampling	P16	3	Wood	PCB
15.	137	Wood Floor Block	H5	1	Wood	TCLP Pb
16.	None	Vault Below Floor	J35	1	Liquid	PCB, Pb
17.	None	Vault Below Floor	E33	1	Liquid	PCB, Pb
18.	None	Vault Below Floor	J28	1	Solid	TCLP Metals
19.	None	Former Truck Repair - pit	Q16	1	Oil	PCB, SVOC, Metals
20.	None	North Sump	C38	1	Liquid	PCB, SVOC, Metals
<u>Second Floor</u>						
21.	None	Oil-filled switched - substations	Various	2	Tar/oil	PCB
22.	None	Galbestos	Various	10	Solid	PCB
23.	053	Fan Room No. 3 Floor Below Capacitor - Char.	E8	6	Concrete	PCB
24.	063B	Fan Room No. 13 Floor Below Capacitor - Char.	E30	6	Concrete	PCB
25.	None	Substation No. 5 Floor Below Capacitor Bank		2	Wipe	PCB
26.	None	Substation No. 6 Floor Below Capacitor Bank		2	Wipe	PCB
27.	None	Substation No. 7 Floor Below Capacitor Bank		2	Wipe	PCB
<u>Basement</u>						
27.	027	Paint Room - sump		1	Sludge	TCLP Pb, Cr, Cd
28.	069	Fan Room Floor Below Capacitor		6	Concrete	PCB

TABLE 2.2

**FOLLOW-UP SAMPLING AND ANALYSIS PLAN
BUILDING DECOMMISSIONING ASSESSMENT
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Previous Sample No.</i>	<i>Area/Description</i>	<i>Location</i>	<i>Sample Quantity</i>	<i>Sample Type</i>	<i>Sample Analysis</i>
B. <u>POWERHOUSE</u>						
1.	None	Battery Storage Area - basement		1	Concrete	TCLP Pb
2.	031	Floor Trenches - basement		1	Sludge	TCLP Pb, As, Se
3.	032	Floor Trenches - basement		1	Sludge	TCLP Pb, Cr
4.	033	Floor Trenches - basement		1	Sludge	TCLP Pb, Cr, Hg
5.	034	Floor Trenches - basement		1	Sludge	TCLP Pb, Cr, Hg
6.	035	Floor Trenches - basement		1	Sludge	TCLP Pb
7.	036	Floor Trenches - basement		1	Sludge	TCLP Pb, As, Cr
8.	037	Floor Trenches - basement		1	Sludge	TCLP Pb, Cr
9.	100-101	Painted Pb non-metal surfaces	Various	2	Concrete	TCLP Pb
C. <u>BUILDING 63</u>						
1.	097	Painted Pb non-metal surfaces	West Wall	1	Concrete	TCLP Pb
2.	098	Painted Pb non-metal surfaces	East Wall	1	Concrete	TCLP Pb
3.	099	Painted Pb non-metal surfaces	NW Corner	1	Concrete	TCLP Pb
D. <u>SWITCH HOUSE</u>						
1.	None	Oil-filled switches - basement		2	Tar/oil	PCB
2.	None	Battery Storage Area		1	Concrete	TCLP Pb
3.	None	Sumps		2	Liquid	Lead

Notes:

- Metals - RCRA Metals including: arsenic, barium, cadmium, chromium, lead, mercury, selenium & silver.
- PCB - Polychlorinated biphenyl's
- TCLP - Toxic Characteristics Leachate Procedure
- Std. - Standard laboratory turn around time
- Preliminary results in 14 days
- Final results in 21 days
- 48 hr. - Preliminary results in 48 hours

Cd - Cadmium
Cr - Chromium
Pb - Lead
Ba - Barium
As - arsenic
Hg - Mercury
Se - Selenium

TABLE 2.3

**AREAS REQUIRING DECOMMISSIONING
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Decommissioning to be Performed</i>	<i>Area/Description</i>	<i>Reason for Decommissioning</i>
<u>MAIN MANUFACTURING BUILDING</u>			
Main Floor			
1	Remove liquid/sludge, clean pit and line	Southeast Trench Area	Solid and Liquid Waste Accumulation
2	Remove liquid/sludge, clean pit and line	Southeast Trench Area - sludge on floor block	Solid and Liquid Waste Accumulation
3	Remove liquid/sludge, clean pit and line	Northeast Trench Area - sludge on floor block	Solid and Liquid Waste Accumulation
4	Remove liquid/sludge, clean pit and line	Southwest Trench Area - sludge on floor block	Solid and Liquid Waste Accumulation
5	Remove liquid/sludge, clean pit and line	Northwest Trench Area - sludge on floor block	Solid and Liquid Waste Accumulation
6	Remove and dispose flooring and dust	Wood Floor Block	Solid Non-Hazardous Waste Accumulation
7	Remove and dispose flooring and dust	Ceramic Floor Block	Solid Non-Hazardous Waste Accumulation
8	Remove and dispose flooring and dust	Asphalt Floor Block	Solid Non-Hazardous Waste Accumulation
9	Remove liquid/sludge, clean pit and line	Vault Below Floor	Solid Waste Accumulation
10	Remove liquid/sludge, clean pit and line	Vault Below Floor	Solid Waste Accumulation
11	Remove liquid/sludge, clean pit and line	Process/Waste/Oil/Cooling lines	Liquid Waste Accumulation
12	Remove liquid/sludge, clean pit and line	Former Truck Repair - pit	Solid and Liquid Waste Accumulation
13	Remove liquid/sludge, clean pit and line	North Sump	Solid and Liquid Waste Accumulation
14	Clean floor	Battery Charge Area - floor	Physical Hazard/Waste Accumulation
15	Remove liquid/sludge, clean pit and line	Battery Charge Area - sump	Solid and Liquid Waste Accumulation
16	Remove liquid/sludge, clean pit and line	Southeast Trench Area	Solid and Liquid Waste Accumulation
17	Remove and dispose flooring and dust	Southeast Trench Area - wood floor block	Solid Non-Hazardous Waste Accumulation
18	Remove and dispose flooring and dust	Southeast Trench Area - sludge on floor block	Solid Waste Accumulation
19	Remove and dispose flooring and dust	Southeast Trench Area - sludge on floor block	Solid Waste Accumulation
20	Drain equipment and clean	East Compactors (2) - hydraulic fluid	Liquid Waste Accumulation
21	Drain equipment and clean	East Compactors Area	Solid and Liquid Waste Accumulation
22	Remove liquid/sludge, clean pit and line	East Compactor Area Sump	Liquid Waste Accumulation
23	Remove and dispose flooring and dust	Wood Floor Block	Solid Non-Hazardous Waste Accumulation
24	Remove liquid/sludge, clean pit and line	Interior Transformers (2) - drip tank	Solid Waste Accumulation
25	Clean floor	North Plating Area	Solid and Liquid Waste Accumulation
26	Remove liquid/sludge, clean pit and line	Heat Treat Quench Oil Tanks	Liquid Waste Accumulation
27	Remove liquid/sludge, clean pit and line	Die Washing Unit - sump	Liquid Waste Accumulation
28	Clean floor	North Truck Loading Dock	Physical Hazard/Waste Accumulation
29	Remove liquid/sludge, clean pit and line	Southwest Truck Loading Dock - Sump	Liquid Waste Accumulation
30	Drain equipment and clean	Cargo Elevators - hydraulic fluid	Liquid Waste Accumulation
31	Clean floor	East Asphalt Storage - waste asphalt/concrete	Physical Hazard/Waste Accumulation
32	Remove liquid/sludge, clean pit and line	Maintenance Area - sump	Liquid Waste Accumulation
33	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
34	Encapsulate and remove	Galbestos	Bulk Waste
35	Remove concrete and sand	Bay P-16	Solid Waste Accumulation
36	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
37	Remove CFC's	Gas Consumption	Recycle
38	Remove Mercury containing Devices	Bulk Accumulation	Solid Waste Accumulation
39	Remove Batteries	Bulk Accumulation	Recycle

TABLE 2.3

**AREAS REQUIRING DECOMMISSIONING
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Decommissioning to be Performed</i>	<i>Area/Description</i>	<i>Reason for Decommissioning</i>
Second Floor			
40	Drain equipment and clean	Oil-filled switched - substations	Solid and Liquid Waste Accumulation
41	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
42	Encapsulate and remove	Galbestos	Bulk Waste
43	Remove concrete	Fan Room No. 13 Floor Below Capacitor	Solid Waste Accumulation
44	Remove concrete	Fan Room No. 3 Floor Below Capacitor	Solid Waste Accumulation
45	Remove concrete	Substation 1/1A	Solid Waste Accumulation
46	Clean	Chemistry Lab	Solid Waste Accumulation
47	Remove	Chemistry Lab (if no filter)	Solid Waste Accumulation
48	Remove	Vent Hood	Solid Waste Accumulation
49	Drain equipment and clean	Penthouse Elevator - hydraulic oil	Liquid Waste Accumulation
50	Drain equipment and clean	Penthouse Elevator	Solid and Liquid Waste Accumulation
Basement			
51	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
52	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
53	Remove liquid/sludge, clean pit and line	Paint Room - sump	Liquid Waste Accumulation
54	Remove concrete	Fan Room Floor Below Capacitor	Solid Waste Accumulation
55	Remove liquid/sludge, clean pit and line	Paint Room #1 - sump	Liquid Waste Accumulation
56	Remove liquid/sludge, clean pit and line	Paint Room#2 - sump	Liquid Waste Accumulation
57	Drain equipment and clean	Elevator - hydraulic fluid	Liquid Waste Accumulation
58	Remove liquid/sludge, clean pit and line	Elevator - sump	Liquid Waste Accumulation
59	Clean Floors	Electroplate Area	Solid Waste Accumulation
60	Remove liquid/sludge, clean pit	Trench	Solid and Liquid Waste Accumulation
<u>POWERHOUSE</u>			
61	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
62	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
63	Encapsulate and remove	Galbestos	Bulk Waste
64	Clean Floor	Battery Storage Area - basement	Solid Waste Accumulation
65	Remove liquid/sludge, clean trench	Floor Trenches - basement	Solid and Liquid Waste Accumulation
66	Drain equipment and clean	Elevator - hydraulic fluid	Liquid Waste Accumulation
67	Drain equipment and clean	Compressors (Main Floor)	Solid and Liquid Waste Accumulation
68	Clean Floor	South Side of Boiler	Solid Waste Accumulation
69	Remove liquid/sludge, clean trench	Sumps (Basement)	Solid and Liquid Waste Accumulation
70	Remove liquid/sludge, clean pit	West Sump (near elevator)	Solid and Liquid Waste Accumulation
71	Remove liquid/sludge, clean pit	West Sump (near elevator)	Solid and Liquid Waste Accumulation
72	Remove liquid/sludge, clean trench	Floor Trenches (Basement)	Solid and Liquid Waste Accumulation
73	Remove	Boiler Ash	Solid Waste Accumulation
74	Remove CFC's	Gas Consumption	Recycle
75	Remove Mercury containing Devices	Bulk Accumulation	Solid Waste Accumulation
76	Remove Batteries	Bulk Accumulation	Recycle

TABLE 2.3

**AREAS REQUIRING DECOMMISSIONING
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Decommissioning to be Performed</i>	<i>Area/Description</i>	<i>Reason for Decommissioning</i>
<u>BUILDING 63</u>			
77	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
78	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
79	Encapsulate and remove	Galbestos	Bulk Waste
80	Drain equipment and clean	Compactor (1) - hydraulic fluid	Liquid Waste Accumulation
81	Remove liquid/sludge, clean pit	Compactor Area/Waste Bins	Solid and Liquid Waste Accumulation
82	Remove liquid/sludge, clean pit	Central Sump	Liquid Waste Accumulation
83	Clean Floor	North Truck Loading - catch basin	Liquid Waste Accumulation
84	Clean Floor	North Truck Loading	Solid and Liquid Waste Accumulation
85	Clean Floor	West Railroad Loading	Solid and Liquid Waste Accumulation
86	Remove CFC's	Gas Consumption	Recycle
87	Remove Mercury containing Devices	Bulk Accumulation	Solid Waste Accumulation
88	Remove Batteries	Bulk Accumulation	Recycle
<u>SWITCH HOUSE</u>			
89	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
90	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
91	Clean Floor	Battery Storage Area	Solid Waste Accumulation
92	Remove liquid/sludge, clean pit	Sumps	Solid and Liquid Waste Accumulation
93	Remove Batteries	Bulk Accumulation	Recycle

TABLE 2.4

**SUMMARY OF CONTRACTORS/SUBCONTRACTORS
DECOMMISSIONING/DEMOLITION ACTIVITIES
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Contractor</i>	<i>Location</i>	<i>Subcontractor</i>	<i>Responsibilities</i>
Rand, Inc.	Taylor, MI	NA	Galbestos Encapsulation
SunOhio	Canton, OH	NA	Pre-demolition PCB Removal
National Abatement Corporation, Inc.	Flint, MI	NA NA Pro-Team	Asbestos Abatement (Main Plant and Powerhouse) Asbestos Abatement (Administration Building) Decommissioning (Administration Building)
BDN, Inc.	Wyandotte, MI	NA	Asbestos Air Monitoring
CRA Services Inc.	Kalamazoo, MI	NA NA	Chemical Sweep Reclean Pits, Trenches, and Vaults
IWPC/MPS Group, Inc.	Detroit, MI	National Abatement/Entech Services, Inc.	Environmental Decommissioning
Golden Refrigerant	Plymouth, MI	NA	CFC Abatement
J. Ranke (SOSO Electrical)	Flint, MI	NA	De-energized electrical lines and equipment
Michigan Magna	Flint, MI	NA	Purged Gas Lines
EPS Environmental	Wheeling, WV	NA	Decommission Main Switchyard Electrical Equipment
Adamo Demolition Company, Inc.	Detroit, MI	National Abatement Corp.	General Demolition
Nova Consultants	Novi, MI	NA	Ambient air monitoring
Champagne & Marx Excavation, Inc.	Saginaw, MI	NA	Excavation & transportation of backfill
Safety-Kleen	Burton, MI	NA	Compatibility Testing Waste Characterization
Waste Management Inc.	Warren, MI	NA	Compatibility Testing Waste Characterization

TABLE 3.1
DUST SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>				<i>S-12636-091099-MM-001</i>	<i>S-12636-091099-MM-002</i>	<i>S-12636-091099-MM-003</i>	<i>S-12636-091099-MM-004</i>
<i>Sample Location</i>	<i>Primary</i>	<i>Secondary</i>		<i>Above Former North</i>	<i>Above Former North</i>	<i>Above Former Die</i>	<i>Southeast Trench</i>
<i>Grid Coordinates</i>	<i>Screening</i>	<i>Screening</i>		<i>Electroplating</i>	<i>Electroplating</i>	<i>Washing Unit</i>	<i>Area Rafters</i>
<i>Date Sampled</i>	<i>Criteria</i>	<i>Criteria</i>		<i>-</i>	<i>-</i>	<i>D17</i>	<i>R8</i>
				<i>9/10/1999</i>	<i>9/10/1999</i>	<i>9/10/1999</i>	<i>9/10/1999</i>
<i>Total Metals (mg/kg)</i>							
Cadmium	4,100	DCC	NC	620	9.3	14	2.4
Chromium	17,000	DCC(1)	NC	2,200	570	390	130
Copper	140,000	DCC	NC	2,200	1,200	530	270
Nickel	270,000	DCC	NC	2,800	280	140	35
<i>General Chemistry (mg/kg)</i>							
Total Cyanide	250	DCC	NC	23	4.9	0.85	0.87

Notes:

-- Not analyzed.

NA Not applicable.

NC No criteria established.

ND (330) Not detected at detection limit identified in parentheses.

DCC Direct contact criteria for soil at industrial sites (Michigan PA 451, Part 201), current at the time the work was conducted.

(1) Criteria for hexavalent chromium used.

3.7	Exceeds the primary screening criteria.
-----	---

3.7	Exceeds the primary and secondary screening criteria.
-----	---

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>					<i>L-12636-092399-MM-006</i>	<i>L-12636-092399-MM-008</i>	<i>L-12636-092399-MM-009</i>	<i>L-12636-092399-MM-017</i>	<i>L-12636-092399-MM-022</i>	<i>SL-12636-092499-MM-024</i>
<i>Sample Location</i>					<i>Powerhouse</i>	<i>Main Floor</i>	<i>Main Floor</i>	<i>Building 63</i>	<i>Second Floor</i>	<i>Main Floor</i>
<i>Grid Coordinates</i>					<i>West Sump</i>	<i>North East Compactor</i>	<i>South East Compactor</i>	<i>Compactor</i>	<i>Penthouse Elevator</i>	<i>Battery Charge Area Sump</i>
<i>Date Sampled</i>	<i>Primary Screening Criteria</i>	<i>Secondary Screening Criteria</i>								
					<i>-</i>	<i>S23-S24</i>	<i>S23-S24</i>	<i>-</i>	<i>H38</i>	<i>S15</i>
					<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/24/1999</i>
<i>Total Metals (mg/kg)</i>										
Arsenic	100	20xRCRA	NC		--	--	--	--	--	--
Barium	2000	20xRCRA	NC		--	--	--	--	--	--
Cadmium	20	20xRCRA	NC		--	--	--	--	--	--
Chromium	100	20xRCRA	NC		--	--	--	--	--	--
Lead	100	20xRCRA	NC		--	--	--	--	--	--
Mercury	4	20xRCRA	NC		--	--	--	--	--	--
Selenium	20	20xRCRA	NC		--	--	--	--	--	--
Silver	100	20xRCRA	NC		--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>										
Arsenic	5	RCRA	0.5	4070	--	--	--	--	--	ND (0.02)
Barium	100	RCRA	10	4070	--	--	--	--	--	0.43
Cadmium	1	RCRA	0.1	4070	--	--	--	--	--	ND (0.005)
Chromium	5	RCRA	0.5	4070	--	--	--	--	--	ND (0.05)
Lead	5	RCRA	0.5	4070	--	--	--	--	--	ND (0.02)
Mercury	0.2	RCRA	0.02	4070	--	--	--	--	--	ND (0.0002)
Selenium	1	RCRA	0.1	4070	--	--	--	--	--	ND (0.02)
Silver	5	RCRA	0.5	4070	--	--	--	--	--	ND (0.01)
<i>PCBs (mg/kg)</i>										
Aroclor -1016	50	TSCA	2	4070	ND (0.96)	ND (1.0)	ND (0.98)	ND (0.95)	ND (0.99)	--
Aroclor - 1221	50	TSCA	2	4070	ND (0.96)	ND (1.0)	ND (0.98)	ND (0.95)	ND (0.99)	--
Aroclor - 1232	50	TSCA	2	4070	ND (0.96)	ND (1.0)	ND (0.98)	ND (0.95)	ND (0.99)	--
Aroclor - 1242	50	TSCA	2	4070	ND (0.96)	ND (1.0)	ND (0.98)	ND (0.95)	ND (0.99)	--
Aroclor - 1248	50	TSCA	2	4070	ND (0.96)	ND (1.0)	ND (0.98)	ND (0.95)	ND (0.99)	--
Aroclor - 1254	50	TSCA	2	4070	ND (0.96)	ND (1.0)	ND (0.98)	ND (0.95)	ND (0.99)	--
Aroclor - 1260	50	TSCA	2	4070	ND (0.96)	ND (1.0)	ND (0.98)	ND (0.95)	ND (0.99)	--
<i>Total VOCs (ug/kg)</i>										
1,1,1-Trichloroethane		NC	NC		ND(2.6)	--	--	--	--	--
1,1,2,2-Tetrachloroethane		NC	NC		ND(2.6)	--	--	--	--	--
1,1,2-Trichloroethane		NC	NC		ND(2.6)	--	--	--	--	--
1,1-Dichloroethane		NC	NC		ND(2.6)	--	--	--	--	--
1,1-Dichloroethylene	14	20xRCRA	NC		ND(2.6)	--	--	--	--	--
1,2-Dichloroethane	10	20xRCRA	NC		ND(2.6)	--	--	--	--	--
1,2-Dichloropropane		NC	NC		ND(2.6)	--	--	--	--	--
2-Butanone		NC	NC		ND(13)	--	--	--	--	--
2-Hexanone		NC	NC		ND(13)	--	--	--	--	--
4-Methyl-2-pentanone		NC	NC		ND(13)	--	--	--	--	--
Acetone		NC	NC		ND(13)	--	--	--	--	--
Benzene	10	20xRCRA	NC		ND(2.6)	--	--	--	--	--
Bromodichloromethane		NC	NC		ND(2.6)	--	--	--	--	--
Bromoform		NC	NC		ND(2.6)	--	--	--	--	--
Bromomethane		NC	NC		ND(13)	--	--	--	--	--
Carbon disulfide		NC	NC		ND(2.6)	--	--	--	--	--
Carbon tetrachloride	10	20xRCRA	NC		ND(2.6)	--	--	--	--	--
Chlorobenzene	2000	20xRCRA	NC		ND(2.6)	--	--	--	--	--
Chloroethane		NC	NC		ND(13)	--	--	--	--	--
Chloroform	120	20xRCRA	NC		ND(2.6)	--	--	--	--	--
Chloromethane		NC	NC		ND(13)	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>			<i>L-12636-092399-MM-006</i>		<i>L-12636-092399-MM-008</i>	<i>L-12636-092399-MM-009</i>	<i>L-12636-092399-MM-017</i>	<i>L-12636-092399-MM-022</i>	<i>SL-12636-092499-MM-024</i>
<i>Sample Location</i>			<i>Powerhouse</i>	<i>Main Floor</i>	<i>Main Floor</i>	<i>Main Floor</i>	<i>Building 63</i>	<i>Second Floor</i>	<i>Main Floor</i>
<i>Grid Coordinates</i>	<i>Primary</i>	<i>Secondary</i>	<i>West Sump</i>	<i>North East Compactor</i>	<i>South East Compactor</i>	<i>Compactor</i>	<i>Compactor</i>	<i>Penthouse Elevator</i>	<i>Battery Charge Area Sump</i>
<i>Date Sampled</i>	<i>Criteria</i>	<i>Criteria</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/24/1999</i>
cis-1,2-Dichloroethene	NC	NC	ND(2.6)	--	--	--	--	--	--
cis-1,3-Dichloropropene	NC	NC	ND(2.6)	--	--	--	--	--	--
Dibromochloromethane	NC	NC	ND(2.6)	--	--	--	--	--	--
Ethylbenzene	NC	NC	ND(2.6)	--	--	--	--	--	--
Methylene chloride	NC	NC	ND(13)	--	--	--	--	--	--
o-Xylene	NC	NC	ND(2.6)	--	--	--	--	--	--
p&m-Xylene	NC	NC	ND(2.6)	--	--	--	--	--	--
Styrene	NC	NC	ND(2.6)	--	--	--	--	--	--
Tetrachloroethene	NC	NC	ND(2.6)	--	--	--	--	--	--
Toluene	NC	NC	ND(2.6)	--	--	--	--	--	--
trans-1,2-Dichloroethene	NC	NC	ND(2.6)	--	--	--	--	--	--
trans-1,3-Dichloropropene	NC	NC	ND(2.6)	--	--	--	--	--	--
Trichloroethene	10	20xRCRA	NC	ND(2.6)	--	--	--	--	--
Vinyl chloride	4	20xRCRA	NC	ND(13)	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	0.7	RCRA	0.07	4070	--	--	--	--	--
1,2-Dichloroethane	0.5	RCRA	0.05	4070	--	--	--	--	--
1,4-Dichlorobenzene	7.5	RCRA	0.75	4070	--	--	--	--	--
Benzene	0.5	RCRA	0.05	4070	--	--	--	--	--
Carbon tetrachloride	0.5	RCRA	0.05	4070	--	--	--	--	--
Chlorobenzene	100	RCRA	10.0	4070	--	--	--	--	--
Chloroform	6	RCRA	0.6	4070	--	--	--	--	--
2-Butanone	200	RCRA	2.0	4070	--	--	--	--	--
Tetrachloroethene	0.7	RCRA	0.07	4070	--	--	--	--	--
Trichloroethene	0.5	RCRA	0.05	4070	--	--	--	--	--
Vinyl chloride	0.2	RCRA	0.02	4070	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>									
1,2,4-Trichlorobenzene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
1,2-Dichlorobenzene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
1,2-Dichlorobenzene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
1,4-Dichlorobenzene	150	20xRCRA	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2,4,5-Trichlorophenol	8000	20xRCRA	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2,4,6-Trichlorophenol	40	20xRCRA	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2,4-Dichlorophenol	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2,4-Dimethylphenol	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2,4-Dinitrophenol	NC	NC	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	--
2,4-Dinitrotoluene	2.6	20xRCRA	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2,6-Dinitrotoluene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2-Chloronaphthalene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2-Chlorophenol	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2-Methyl naphthalene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2-Methyl-4,6-dinitrophenol	NC	NC	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	--
2-Methylphenol (o-Cresol)	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
2-Nitroaniline	NC	NC	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	--
2-Nitrophenol	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
3&4-Methylphenol (p&m-Cresol)	NC	NC	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	--
3,3-Dichlorobenzidine	NC	NC	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	--
3-Nitroaniline	NC	NC	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	--
4-Bromophenyl-phenylether	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
4-Chloro-3-methylphenol	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>			<i>L-12636-092399-MM-006</i>	<i>L-12636-092399-MM-008</i>	<i>L-12636-092399-MM-009</i>	<i>L-12636-092399-MM-017</i>	<i>L-12636-092399-MM-022</i>	<i>SL-12636-092499-MM-024</i>
<i>Sample Location</i>			<i>Powerhouse</i>	<i>Main Floor</i>	<i>Main Floor</i>	<i>Building 63</i>	<i>Second Floor</i>	<i>Main Floor</i>
<i>Grid Coordinates</i>	<i>Primary</i>	<i>Secondary</i>	<i>West Sump</i>	<i>North East Compactor</i>	<i>South East Compactor</i>	<i>Compactor</i>	<i>Penthouse Elevator</i>	<i>Battery Charge Area Sump</i>
<i>Date Sampled</i>	<i>Criteria</i>	<i>Criteria</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/24/1999</i>
4-Chloroaniline	NC	NC	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	--
4-Chlorophenyl-phenylether	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
4-Nitroaniline	NC	NC	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	--
4-Nitrophenol	NC	NC	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	--
Acenaphthene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Acenaphthylene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Anthracene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Benzo(a)anthracene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Benzo[a]pyrene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Benzo[b]fluoranthene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Benzo[g,h,i]perylene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Benzo[k]fluoranthene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Bis(2-Chloroethoxy)methane	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Bis(2-Chloroethyl)ether	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Bis(2-Chloroisopropyl)ether	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Bis(2-Ethylhexyl)phthalate	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Butylbenzylphthalate	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Carbazole	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Chrysene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Di-n-butylphthalate	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Di-n-Octylphthalate	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Dibenzo[a,h]anthracene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Dibenzofuran	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Diethylphthalate	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Dimethylphthalate	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Fluorene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Fluoranthene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Hexachlorobenzene	2.6 20xRCRA	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Hexachlorobutadiene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Hexachlorocyclopentadiene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Hexachloroethane	60 20xRCRA	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Indeno[1,2,3-c,d]pyrene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Isophorone	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
n-Nitroso-di-n-propylamine	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
n-Nitrosodiphenylamine	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Naphthalene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Nitrobenzene	2 20xRCRA	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Pentachlorophenol	100 20xRCRA	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Phenanthrene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Phenol	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Pyrene	NC	NC	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	--
Pyridine	5 20xRCRA	NC	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>								
2,4,5-Trichlorophenol	400 RCRA	40 4070	--	--	--	--	--	--
2,4,6-Trichlorophenol	2 RCRA	0.2 4070	--	--	--	--	--	--
2,4-Dinitrotoluene	0.13 RCRA	0.013 4070	--	--	--	--	--	--
2-Methylphenol	NC	NC	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	NC	NC	--	--	--	--	--	--
Hexachlorobenzene	0.13 RCRA	0.013 4070	--	--	--	--	--	--
Hexachlorobutadiene	0.5 RCRA	NC	--	--	--	--	--	--
Hexachloroethane	3 RCRA	0.13 4070	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>					<i>L-12636-092399-MM-006</i>	<i>L-12636-092399-MM-008</i>	<i>L-12636-092399-MM-009</i>	<i>L-12636-092399-MM-017</i>	<i>L-12636-092399-MM-022</i>	<i>SL-12636-092499-MM-024</i>
<i>Sample Location</i>					<i>Powerhouse</i>	<i>Main Floor</i>	<i>Main Floor</i>	<i>Building 63</i>	<i>Second Floor</i>	<i>Main Floor</i>
<i>Grid Coordinates</i>					<i>West Sump</i>	<i>North East Compactor</i>	<i>South East Compactor</i>	<i>Compactor</i>	<i>Penthouse Elevator</i>	<i>Battery Charge Area Sump</i>
<i>Date Sampled</i>					<i>-</i>	<i>S23-S24</i>	<i>S23-S24</i>	<i>-</i>	<i>H38</i>	<i>S15</i>
	<i>Primary</i>		<i>Secondary</i>		<i>Screening</i>	<i>Screening</i>	<i>Screening</i>	<i>Screening</i>	<i>Screening</i>	<i>Screening</i>
	<i>Criteria</i>		<i>Criteria</i>		<i>Criteria</i>	<i>Criteria</i>	<i>Criteria</i>	<i>Criteria</i>	<i>Criteria</i>	<i>Criteria</i>
					<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/24/1999</i>
Nitrobenzene	2	RCRA	0.2	4070	--	--	--	--	--	--
Pentachlorophenol	100	RCRA	10	4070	--	--	--	--	--	--
Pyridine	5	RCRA	0.5	4070	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-092499-MM-025</i>	<i>SL-12636-092499-MM-026</i>	<i>SL-12636-092499-MM-027</i>	<i>SL-12636-113099-MM-186</i>	<i>SL-12636-092499-MM-029</i>	<i>SL-12636-092499-MM-030</i>	<i>SL-12636-092499-MM-031</i>
<i>Sample Location</i>	<i>Main Floor</i>	<i>Southwest Truck Loading</i>	<i>Basement</i>	<i>Basement</i>	<i>Building 63</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>
<i>Grid Coordinates</i>	<i>Maintenance Area Sump</i>	<i>Dock Sump</i>	<i>Paint Room Sump</i>	<i>Paint Room Sump</i>	<i>Tunnel to Pumphouse</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>
<i>Date Sampled</i>	<i>R22</i>	<i>B1-A5</i>	<i>H28</i>	<i>H28</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>11/30/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>
<i>Total Metals (mg/kg)</i>							
Arsenic	ND (0.02)	ND (20)	--	--	--	3.1	110
Barium	0	51	--	--	--	380	370
Cadmium	0.024	ND (0.2)	220	--	--	0.086	1.1
Chromium	0.11	ND (2)	9600	--	--	6.7	95
Lead	0.11	1.1	38000	--	--	12	360
Mercury	ND (0.2)	ND (2)	--	--	--	ND (0.037)	0.47
Selenium	0.002	ND (2)	--	--	--	2.1	31
Silver	0.001	ND (0.5)	--	--	--	0.16	1.6
<i>TCLP Metals (mg/L)</i>							
Arsenic	--	--	--	--	--	--	0.12
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	ND (0.5)	--	--	--
Chromium	--	--	--	ND (5.0)	--	--	--
Lead	--	--	--	ND (2.0)	--	--	ND (0.02)
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	0.037
Silver	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	ND (0.22)	ND(0.2)	--	--	--	ND (0.063)	ND (0.051)
Aroclor - 1221	ND (0.22)	ND(0.2)	--	--	--	ND (0.063)	ND (0.051)
Aroclor - 1232	ND (0.22)	ND(0.2)	--	--	--	ND (0.063)	ND (0.051)
Aroclor - 1242	ND (0.22)	ND(0.2)	--	--	--	ND (0.063)	ND (0.051)
Aroclor - 1248	ND (0.22)	ND(0.2)	--	--	--	ND (0.063)	ND (0.051)
Aroclor - 1254	ND (0.22)	ND(0.2)	--	--	--	ND (0.063)	ND (0.051)
Aroclor - 1260	ND (0.22)	ND(0.2)	--	--	--	ND (0.063)	0.056
<i>Total VOCs (µg/kg)</i>							
1,1,1-Trichloroethane	--	--	--	--	ND (0.05)	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	ND (0.05)	--	--
1,1,2-Trichloroethane	--	--	--	--	ND (0.05)	--	--
1,1-Dichloroethane	--	--	--	--	0.061	--	--
1,1-Dichloroethylene	--	--	--	--	ND (0.05)	--	--
1,2-Dichloroethane	--	--	--	--	ND (0.05)	--	--
1,2-Dichloropropane	--	--	--	--	ND (0.05)	--	--
2-Butanone	--	--	--	--	ND (0.5)	--	--
2-Hexanone	--	--	--	--	ND (0.5)	--	--
4-Methyl-2-pentanone	--	--	--	--	ND (0.5)	--	--
Acetone	--	--	--	--	ND (0.5)	--	--
Benzene	--	--	--	--	ND (0.05)	--	--
Bromodichloromethane	--	--	--	--	ND (0.05)	--	--
Bromoform	--	--	--	--	ND (0.05)	--	--
Bromomethane	--	--	--	--	0.88	--	--
Carbon disulfide	--	--	--	--	ND (0.05)	--	--
Carbon tetrachloride	--	--	--	--	ND (0.05)	--	--
Chlorobenzene	--	--	--	--	ND (0.05)	--	--
Chloroethane	--	--	--	--	ND (0.05)	--	--
Chloroform	--	--	--	--	ND (0.05)	--	--
Chloromethane	--	--	--	--	0.27	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-092499-MM-025</i>	<i>SL-12636-092499-MM-026</i>	<i>SL-12636-092499-MM-027</i>	<i>SL-12636-113099-MM-186</i>	<i>SL-12636-092499-MM-029</i>	<i>SL-12636-092499-MM-030</i>	<i>SL-12636-092499-MM-031</i>
<i>Sample Location</i>	<i>Main Floor</i>	<i>Southwest Truck Loading</i>	<i>Basement</i>	<i>Basement</i>	<i>Building 63</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>
<i>Grid Coordinates</i>	<i>Maintenance Area Sump</i>	<i>Dock Sump</i>	<i>Paint Room Sump</i>	<i>Paint Room Sump</i>	<i>Tunnel to Pumphouse</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>
<i>Date Sampled</i>	<i>R22</i>	<i>B1-A5</i>	<i>H28</i>	<i>H28</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>11/30/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>
cis-1,2-Dichloroethene	--	--	--	--	ND (0.05)	--	--
cis-1,3-Dichloropropene	--	--	--	--	ND (0.05)	--	--
Dibromochloromethane	--	--	--	--	ND (0.05)	--	--
Ethylbenzene	--	--	--	--	ND (0.05)	--	--
Methylene chloride	--	--	--	--	ND (0.5)	--	--
o-Xylene	--	--	--	--	ND (0.05)	--	--
p&m-Xylene	--	--	--	--	ND (0.1)	--	--
Styrene	--	--	--	--	ND (0.05)	--	--
Tetrachloroethene	--	--	--	--	ND (0.05)	--	--
Toluene	--	--	--	--	ND (0.05)	--	--
trans-1,2-Dichloroethene	--	--	--	--	ND (0.05)	--	--
trans-1,3-Dichloropropene	--	--	--	--	ND (0.05)	--	--
Trichloroethene	--	--	--	--	ND (0.05)	--	--
Vinyl chloride	--	--	--	--	ND (0.05)	--	--
<i>TCLP VOCs (mg/L)</i>							
1,1-Dichloroethylene	--	--	ND (2.0)	--	--	--	--
1,2-Dichloroethane	--	--	ND (2.0)	--	--	--	--
1,4-Dichlorobenzene	--	--	ND (2.0)	--	--	--	--
Benzene	--	--	ND (2.0)	--	--	--	--
Carbon tetrachloride	--	--	ND (2.0)	--	--	--	--
Chlorobenzene	--	--	13	--	--	--	--
Chloroform	--	--	ND (2.0)	--	--	--	--
2-Butanone	--	--	ND (20)	--	--	--	--
Tetrachloroethene	--	--	ND (2.0)	--	--	--	--
Trichloroethene	--	--	ND (2.0)	--	--	--	--
Vinyl chloride	--	--	ND (2.0)	--	--	--	--
<i>Total SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
1,2-Dichlorobenzene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
1,2-Dichlorobenzene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
1,4-Dichlorobenzene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2,4,5-Trichlorophenol	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2,4,6-Trichlorophenol	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2,4-Dichlorophenol	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2,4-Dimethylphenol	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2,4-Dinitrophenol	ND (440)	ND (40)	--	--	ND (190)	ND (1.3)	ND (26)
2,4-Dinitrotoluene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2,6-Dinitrotoluene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2-Chloronaphthalene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2-Chlorophenol	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2-Methyl naphthalene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2-Methyl-4,6-dinitrophenol	ND (440)	ND (40)	--	--	ND (190)	ND (1.3)	ND (26)
2-Methylphenol (o-Cresol)	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
2-Nitroaniline	ND (440)	ND (40)	--	--	ND (190)	ND (1.3)	ND (26)
2-Nitrophenol	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
3&4-Methylphenol (p&m-Cresol)	ND (220)	ND (20)	--	--	ND (94)	ND (0.62)	ND (13)
3,3-Dichlorobenzidine	ND (440)	ND (40)	--	--	ND (190)	ND (1.3)	ND (26)
3-Nitroaniline	ND (440)	ND (40)	--	--	ND (190)	ND (1.3)	ND (26)
4-Bromophenyl-phenylether	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
4-Chloro-3-methylphenol	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-092499-MM-025</i>	<i>SL-12636-092499-MM-026</i>	<i>SL-12636-092499-MM-027</i>	<i>SL-12636-113099-MM-186</i>	<i>SL-12636-092499-MM-029</i>	<i>SL-12636-092499-MM-030</i>	<i>SL-12636-092499-MM-031</i>
<i>Sample Location</i>	<i>Main Floor</i>	<i>Southwest Truck Loading</i>	<i>Basement</i>	<i>Basement</i>	<i>Building 63</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>
<i>Grid Coordinates</i>	<i>Maintenance Area Sump</i>	<i>Dock Sump</i>	<i>Paint Room Sump</i>	<i>Paint Room Sump</i>	<i>Tunnel to Pumphouse</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>
<i>Date Sampled</i>	<i>R22</i>	<i>B1-A5</i>	<i>H28</i>	<i>H28</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>11/30/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>
4-Chloroaniline	ND (440)	ND (40)	--	--	ND (190)	ND (1.3)	ND (26)
4-Chlorophenyl-phenylether	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
4-Nitroaniline	ND (440)	ND (40)	--	--	ND (190)	ND (1.3)	ND (26)
4-Nitrophenol	ND (440)	ND (40)	--	--	ND (190)	ND (1.3)	ND (26)
Acenaphthene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Acenaphthylene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Anthracene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Benzo(a)anthracene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Benzo[a]pyrene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Benzo[b]fluoranthene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Benzo[g,h,i]perylene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Benzo[k]fluoranthene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Bis(2-Chloroethoxy)methane	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Bis(2-Chloroethyl)ether	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Bis(2-Chloroisopropyl)ether	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Bis(2-Ethylhexyl)phthalate	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Butylbenzylphthalate	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Carbazole	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Chrysene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Di-n-butylphthalate	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Di-n-Octylphthalate	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Dibenzo[a,h]anthracene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Dibenzofuran	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Diethylphthalate	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Dimethylphthalate	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Fluorene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Fluoranthene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Hexachlorobenzene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Hexachlorobutadiene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Hexachlorocyclopentadiene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Hexachloroethane	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Indeno[1,2,3-c,d]pyrene	ND (110)	ND (10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Isophorone	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
n-Nitroso-di-n-propylamine	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
n-Nitrosodiphenylamine	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Naphthalene	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Nitrobenzene	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Pentachlorophenol	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Phenanthrene	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Phenol	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Pyrene	ND (110)	ND(10)	--	--	ND (48)	ND (0.32)	ND (6.5)
Pyridine	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>							
2,4,5-Trichlorophenol	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresc	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
 FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
 GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>SL-12636-092499-MM-025</i>	<i>SL-12636-092499-MM-026</i>	<i>SL-12636-092499-MM-027</i>	<i>SL-12636-113099-MM-186</i>	<i>SL-12636-092499-MM-029</i>	<i>SL-12636-092499-MM-030</i>	<i>SL-12636-092499-MM-031</i>
<i>Sample Location</i>	<i>Main Floor</i>	<i>Southwest Truck Loading</i>	<i>Basement</i>	<i>Basement</i>	<i>Building 63</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>
<i>Grid Coordinates</i>	<i>Maintenance Area Sump</i>	<i>Dock Sump</i>	<i>Paint Room Sump</i>	<i>Paint Room Sump</i>	<i>Tunnel to Pumphouse</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>
<i>Date Sampled</i>	<i>R22</i>	<i>B1-A5</i>	<i>H28</i>	<i>H28</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>11/30/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>
Nitrobenzene	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-092499-MM-032</i>	<i>SL-12636-092499-MM-033</i>	<i>SL-12636-092499-MM-034</i>	<i>SL-12636-092499-MM-035</i>	<i>SL-12636-092499-MM-036</i>	<i>SL-12636-092499-MM-037</i>	<i>SL-12636-092999-MM-094</i>
<i>Sample Location</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Basement</i>
<i>Grid Coordinates</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Elevator Oil</i>
<i>Date Sampled</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>J30</i>
	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/29/1999</i>
<i>Total Metals (mg/kg)</i>							
Arsenic	99	6.4	3.6	4.4	120	3.2	--
Barium	400	300	340	540	550	91	--
Cadmium	2.6	17	6	3	2.6	2	--
Chromium	210	210	470	19	160	120	--
Lead	620	790	1600	120	760	620	--
Mercury	1.5	36	9.7	0.26	3.4	1.3	--
Selenium	1.4	3.8	0.91	0.31	1.4	3.7	--
Silver	13	5.2	10	0.48	6.5	0.79	--
<i>TCLP Metals (mg/L)</i>							
Arsenic	--	--	--	--	0.02	--	--
Barium	--	--	--	--	ND (0.05)	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	ND (0.05)	ND (0.05)	ND (0.05)	--	--	ND (0.05)	--
Lead	ND (0.02)	0.045	ND (0.02)	--	ND (0.02)	ND (0.02)	--
Mercury	--	ND (0.002)	ND (0.002)	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	ND (0.056)	ND (0.083)	ND (0.065)	ND (0.074)	ND (0.071)	ND (0.053)	ND (0.99)
Aroclor - 1221	ND (0.056)	ND (0.083)	ND (0.065)	ND (0.074)	ND (0.071)	ND (0.053)	ND (0.99)
Aroclor - 1232	ND (0.056)	ND (0.083)	ND (0.065)	ND (0.074)	ND (0.071)	ND (0.053)	ND (0.99)
Aroclor - 1242	ND (0.056)	ND (0.083)	ND (0.065)	ND (0.074)	ND (0.071)	ND (0.053)	ND (0.99)
Aroclor - 1248	ND (0.056)	ND (0.083)	ND (0.065)	ND (0.074)	ND (0.071)	ND (0.053)	ND (0.99)
Aroclor - 1254	ND (0.056)	ND (0.083)	ND (0.065)	ND (0.074)	ND (0.071)	ND (0.053)	ND (0.99)
Aroclor - 1260	0.082	0.76	0.68	0.22	0.22	0.062	ND (0.99)
<i>Total VOCs (µg/kg)</i>							
1,1,1-Trichloroethane	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-092499-MM-032</i>	<i>SL-12636-092499-MM-033</i>	<i>SL-12636-092499-MM-034</i>	<i>SL-12636-092499-MM-035</i>	<i>SL-12636-092499-MM-036</i>	<i>SL-12636-092499-MM-037</i>	<i>SL-12636-092999-MM-094</i>
<i>Sample Location</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Basement</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>Elevator Oil</i>
<i>Date Sampled</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>J30</i> <i>9/29/1999</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>							
1,1-Dichloroethylene	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
1,2-Dichlorobenzene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
1,2-Dichlorobenzene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
1,4-Dichlorobenzene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2,4,5-Trichlorophenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2,4,6-Trichlorophenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2,4-Dichlorophenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2,4-Dimethylphenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2,4-Dinitrophenol	ND (28)	ND (420)	ND (330)	ND (37)	ND (36)	ND (27)	--
2,4-Dinitrotoluene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2,6-Dinitrotoluene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2-Chloronaphthalene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2-Chlorophenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2-Methyl naphthalene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2-Methyl-4,6-dinitrophenol	ND (28)	ND (420)	ND (330)	ND (37)	ND (36)	ND (27)	--
2-Methylphenol (o-Cresol)	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
2-Nitroaniline	ND (28)	ND (420)	ND (330)	ND (37)	ND (36)	ND (27)	--
2-Nitrophenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
3&4-Methylphenol (p&m-Cresol)	ND (14)	ND (210)	ND (160)	ND (18)	ND (18)	ND (13)	--
3,3-Dichlorobenzidine	ND (28)	ND (420)	ND (330)	ND (37)	ND (36)	ND (27)	--
3-Nitroaniline	ND (28)	ND (420)	ND (330)	ND (37)	ND (36)	ND (27)	--
4-Bromophenyl-phenylether	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
4-Chloro-3-methylphenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-092499-MM-032</i>	<i>SL-12636-092499-MM-033</i>	<i>SL-12636-092499-MM-034</i>	<i>SL-12636-092499-MM-035</i>	<i>SL-12636-092499-MM-036</i>	<i>SL-12636-092499-MM-037</i>	<i>SL-12636-092999-MM-094</i>
<i>Sample Location</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Basement</i>
<i>Grid Coordinates</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Floor Trenches</i>	<i>Elevator Oil</i>
<i>Date Sampled</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>J30</i>
4-Chloroaniline	ND (28)	ND (420)	ND (330)	ND (37)	ND (36)	ND (27)	--
4-Chlorophenyl-phenylether	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
4-Nitroaniline	ND (28)	ND (420)	ND (330)	ND (37)	ND (36)	ND (27)	--
4-Nitrophenol	ND (28)	ND (420)	ND (330)	ND (37)	ND (36)	ND (27)	--
Acenaphthene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Acenaphthylene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Anthracene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Benzo(a)anthracene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Benzo[a]pyrene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Benzo[b]fluoranthene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Benzo[g,h,i]perylene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Benzo[k]fluoranthene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Bis(2-Chloroethoxy)methane	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Bis(2-Chloroethyl)ether	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Bis(2-Chloroisopropyl)ether	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Bis(2-Ethylhexyl)phthalate	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Butylbenzylphthalate	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Carbazole	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Chrysene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Di-n-butylphthalate	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Di-n-Octylphthalate	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Dibenzo[a,h]anthracene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Dibenzofuran	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Diethylphthalate	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Dimethylphthalate	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Fluorene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Fluoranthene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Hexachlorobenzene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Hexachlorobutadiene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Hexachlorocyclopentadiene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Hexachloroethane	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Indeno[1,2,3-c,d]pyrene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Isophorone	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
n-Nitroso-di-n-propylamine	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
n-Nitrosodiphenylamine	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Naphthalene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Nitrobenzene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Pentachlorophenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Phenanthrene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Phenol	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Pyrene	ND (7.2)	ND (110)	ND (83)	ND (9.5)	ND (9.1)	ND (6.8)	--
Pyridine	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>							
2,4,5-Trichlorophenol	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresc	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>SL-12636-092499-MM-032</i>	<i>SL-12636-092499-MM-033</i>	<i>SL-12636-092499-MM-034</i>	<i>SL-12636-092499-MM-035</i>	<i>SL-12636-092499-MM-036</i>	<i>SL-12636-092499-MM-037</i>	<i>SL-12636-092999-MM-094</i>
<i>Sample Location</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Powerhouse Basement</i>	<i>Basement</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>Elevator Oil</i>
<i>Date Sampled</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>J30</i> <i>9/29/1999</i>
Nitrobenzene	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-101299-SM-105</i>	<i>L-12636-101299-SM-106</i>	<i>SL-12636-101399-SM110</i>	<i>SL-12636-101399-SM-111</i>	<i>SL-12636-101399-SM-112</i>	<i>SL-12636-101399-113</i>	<i>SL-12636-101399-SM-114</i>	<i>SL-12636-101399-SM-115</i>
<i>Sample Location</i>	<i>Bldg. 63</i>	<i>Bldg 63</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>10/12/1999</i>	<i>10/12/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>
<i>Total Metals (mg/kg)</i>								
Arsenic	ND(1)	ND(0.1)	3.9	0.97	1.5	1.4	2.2	2.9
Barium	69	0.95	1300	1100	1500	2800	120	560
Cadmium	ND(0.1)	0.044	ND (0.05)	2.1	9.1	4.5	1.5	1.5
Chromium	0.26	0.28	23	20	14	20	87	60
Lead	0.38	0.58	90	35	58	150	320	210
Mercury	ND(0.02)	ND(0.02)	ND (0.027)	0.041	0.045	0.027	0.14	0.075
Selenium	ND(2)	ND(0.2)	ND (0.2)	0.15	0.24	ND (0.2)	ND (0.2)	0.62
Silver	0.016	ND(0.005)	1.1	0.31	0.44	0.64	1.5	13
<i>TCLP Metals (mg/L)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	2.8	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	0.045	0.02	ND (0.02)
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>								
Aroclor -1016	ND(1.0)	ND (0.99)	ND (0.27)	ND (0.22)	ND (0.22)	ND (0.24)	ND (0.2)	ND (0.2)
Aroclor - 1221	ND(1.0)	ND (0.99)	ND (0.27)	ND (0.22)	ND (0.22)	ND (0.24)	ND (0.2)	ND (0.2)
Aroclor - 1232	ND(1.0)	ND (0.99)	ND (0.27)	ND (0.22)	ND (0.22)	ND (0.24)	ND (0.2)	ND (0.2)
Aroclor - 1242	ND(1.0)	ND (0.99)	ND (0.27)	ND (0.22)	ND (0.22)	ND (0.24)	ND (0.2)	ND (0.2)
Aroclor - 1248	ND(1.0)	ND (0.99)	ND (0.27)	ND (0.22)	ND (0.22)	ND (0.24)	ND (0.2)	ND (0.2)
Aroclor - 1254	ND(1.0)	ND (0.99)	ND (0.27)	ND (0.22)	0.25	0.74	0.51	0.31
Aroclor - 1260	ND(1.0)	ND (0.99)	ND (0.27)	ND (0.22)	ND (0.22)	0.26	ND (0.2)	ND (0.2)
<i>Total VOCs (µg/kg)</i>								
1,1,1-Trichloroethane	ND(130)	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ND(130)	--	--	--	--	--	--	--
1,1,2-Trichloroethane	ND(130)	--	--	--	--	--	--	--
1,1-Dichloroethane	ND(130)	--	--	--	--	--	--	--
1,1-Dichloroethylene	ND(130)	--	--	--	--	--	--	--
1,2-Dichloroethane	ND(130)	--	--	--	--	--	--	--
1,2-Dichloropropane	ND(130)	--	--	--	--	--	--	--
2-Butanone	ND(630)	--	--	--	--	--	--	--
2-Hexanone	ND(630)	--	--	--	--	--	--	--
4-Methyl-2-pentanone	ND(630)	--	--	--	--	--	--	--
Acetone	ND(630)	--	--	--	--	--	--	--
Benzene	ND(130)	--	--	--	--	--	--	--
Bromodichloromethane	ND(130)	--	--	--	--	--	--	--
Bromoform	ND(130)	--	--	--	--	--	--	--
Bromomethane	ND(630)	--	--	--	--	--	--	--
Carbon disulfide	ND(130)	--	--	--	--	--	--	--
Carbon tetrachloride	ND(130)	--	--	--	--	--	--	--
Chlorobenzene	ND(130)	--	--	--	--	--	--	--
Chloroethane	ND(630)	--	--	--	--	--	--	--
Chloroform	ND(130)	--	--	--	--	--	--	--
Chloromethane	ND(630)	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-101299-SM-105</i>	<i>L-12636-101299-SM-106</i>	<i>SL-12636-101399-SM110</i>	<i>SL-12636-101399-SM-111</i>	<i>SL-12636-101399-SM-112</i>	<i>SL-12636-101399-113</i>	<i>SL-12636-101399-SM-114</i>	<i>SL-12636-101399-SM-115</i>
<i>Sample Location</i>	<i>Bldg. 63</i>	<i>Bldg 63</i>	<i>Southwest Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>
<i>Grid Coordinates</i>	<i>Central Sump</i>	<i>North Truck Loading</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>
<i>Date Sampled</i>	<i>10/12/1999</i>	<i>10/12/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>
cis-1,2-Dichloroethene	ND(130)	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	ND(130)	--	--	--	--	--	--	--
Dibromochloromethane	ND(130)	--	--	--	--	--	--	--
Ethylbenzene	ND(630)	--	--	--	--	--	--	--
Methylene chloride	ND(130)	--	--	--	--	--	--	--
o-Xylene	ND(630)	--	--	--	--	--	--	--
p&m-Xylene	ND(130)	--	--	--	--	--	--	--
Styrene	ND(130)	--	--	--	--	--	--	--
Tetrachloroethene	ND(130)	--	--	--	--	--	--	--
Toluene	ND(130)	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	ND(130)	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	ND(130)	--	--	--	--	--	--	--
Trichloroethene	ND(130)	--	--	--	--	--	--	--
Vinyl chloride	ND(630)	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>								
1,2,4-Trichlorobenzene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
1,2-Dichlorobenzene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
1,2-Dichlorobenzene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
1,4-Dichlorobenzene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2,4,5-Trichlorophenol	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2,4,6-Trichlorophenol	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2,4-Dichlorophenol	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2,4-Dimethylphenol	--	ND(0.2)	--	--	--	--	ND (26)	ND (26)
2,4-Dinitrophenol	--	ND(0.049)	--	--	--	--	ND (100)	ND (100)
2,4-Dinitrotoluene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2,6-Dinitrotoluene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2-Chloronaphthalene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2-Chlorophenol	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2-Methyl naphthalene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2-Methyl-4,6-dinitrophenol	--	ND(0.2)	--	--	--	--	ND (100)	ND (100)
2-Methylphenol (o-Cresol)	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
2-Nitroaniline	--	ND(0.2)	--	--	--	--	ND (100)	ND (100)
2-Nitrophenol	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
3&4-Methylphenol (p&m-Cresol)	--	ND(0.049)	--	--	--	--	ND (50)	ND (50)
3,3-Dichlorobenzidine	--	ND(0.049)	--	--	--	--	ND (100)	ND (100)
3-Nitroaniline	--	ND(0.049)	--	--	--	--	ND (100)	ND (100)
4-Bromophenyl-phenylether	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
4-Chloro-3-methylphenol	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-101299-SM-105</i>	<i>L-12636-101299-SM-106</i>	<i>SL-12636-101399-SM110</i>	<i>SL-12636-101399-SM-111</i>	<i>SL-12636-101399-SM-112</i>	<i>SL-12636-101399-113</i>	<i>SL-12636-101399-SM-114</i>	<i>SL-12636-101399-SM-115</i>
<i>Sample Location</i>	<i>Bldg. 63</i>	<i>Bldg 63</i>	<i>Southwest Trench</i>	<i>Southwest Trench</i>	<i>Southwest Trench</i>	<i>Southwest Trench</i>	<i>Southwest Trench</i>	<i>Southwest Trench</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>10/12/1999</i>	<i>10/12/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>
4-Chloroaniline	--	ND(0.049)	--	--	--	--	ND (100)	ND (100)
4-Chlorophenyl-phenylether	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
4-Nitroaniline	--	ND(0.049)	--	--	--	--	ND (100)	ND (100)
4-Nitrophenol	--	ND(0.049)	--	--	--	--	ND (100)	ND (100)
Acenaphthene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Acenaphthylene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Anthracene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Benzo(a)anthracene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Benzo[a]pyrene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Benzo[b]fluoranthene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Benzo[g,h,i]perylene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Benzo[k]fluoranthene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Bis(2-Chloroethoxy)methane	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Bis(2-Chloroethyl)ether	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Bis(2-Chloroisopropyl)ether	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Bis(2-Ethylhexyl)phthalate	--	ND(0.049)	--	--	--	--	75	39
Butylbenzylphthalate	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Carbazole	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Chrysene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Di-n-butylphthalate	--	ND(0.049)	--	--	--	--	28	ND (26)
Di-n-Octylphthalate	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Dibenzo[a,h]anthracene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Dibenzofuran	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Diethylphthalate	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Dimethylphthalate	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Fluorene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Fluoranthene	--	ND(0.049)	--	--	--	--	54	35
Hexachlorobenzene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Hexachlorobutadiene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Hexachlorocyclopentadiene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Hexachloroethane	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Indeno[1,2,3-c,d]pyrene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Isophorone	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
n-Nitroso-di-n-propylamine	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
n-Nitrosodiphenylamine	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Naphthalene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Nitrobenzene	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Pentachlorophenol	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Phenanthrene	--	ND(0.049)	--	--	--	--	58	41
Phenol	--	ND(0.049)	--	--	--	--	ND (26)	ND (26)
Pyrene	--	ND(0.049)	--	--	--	--	38	ND (26)
Pyridine	--	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresc	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>L-12636-101299-SM-105</i>	<i>L-12636-101299-SM-106</i>	<i>SL-12636-101399-SM110</i>	<i>SL-12636-101399-SM-111</i>	<i>SL-12636-101399-SM-112</i>	<i>SL-12636-101399-113</i>	<i>SL-12636-101399-SM-114</i>	<i>SL-12636-101399-SM-115</i>
<i>Sample Location</i>	<i>Bldg. 63</i>	<i>Bldg 63</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>
<i>Grid Coordinates</i>	<i>Central Sump</i>	<i>North Truck Loading</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>
<i>Date Sampled</i>	<i>10/12/1999</i>	<i>10/12/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-101399-SM-116</i>	<i>SL-12636-101399-SM-117</i>	<i>SL-12636-101399-SM-118</i>	<i>L-12636-101399-SM-119</i>	<i>SL-12636-101599-SM-150</i>	<i>SL-12636-101599-SM-151</i>	<i>SL-12636-113099-MM-174</i>
<i>Sample Location</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Second Floor</i>	<i>Basement</i>	<i>Second Floor</i>	<i>Heat Treat</i>
<i>Grid Coordinates</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Cargo Elevator</i>	<i>Trench</i>	<i>Cargo Elevator</i>	<i>Quench Oil Tanks</i>
<i>Date Sampled</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>D19</i>
	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>11/30/1999</i>
Total Metals (mg/kg)							
Arsenic	2	2.2	--	--	--	--	-
Barium	150	75	--	--	--	--	--
Cadmium	1.1	1.4	--	--	--	--	--
Chromium	24	35	--	--	--	--	--
Lead	120	140	--	--	--	--	--
Mercury	0.045	0.093	--	--	--	--	--
Selenium	ND (0.2)	ND (0.1)	--	--	--	--	--
Silver	0.41	1.8	--	--	--	--	--
TCLP Metals (mg/L)							
Arsenic	--	--	ND (0.02)	--	ND (0.02)	--	--
Barium	--	--	0.15	--	0.26	--	11
Cadmium	--	--	0.028	--	0.029	--	--
Chromium	--	--	ND (0.05)	--	ND (0.05)	--	--
Lead	ND (0.02)	0.031	0.02	--	0.34	--	--
Mercury	--	--	ND (0.0002)	--	ND (0.0002)	--	--
Selenium	--	--	ND (0.02)	--	0.02	--	--
Silver	--	--	ND (0.01)	--	ND (0.01)	--	--
PCBs (mg/kg)							
Aroclor -1016	ND (0.2)	ND (0.2)	--	ND (0.99)	--	ND (1.0)	--
Aroclor - 1221	ND (0.2)	ND (0.2)	--	ND (0.99)	--	ND (1.0)	--
Aroclor - 1232	ND (0.2)	ND (0.2)	--	ND (0.99)	--	ND (1.0)	--
Aroclor - 1242	ND (0.2)	ND (0.2)	--	ND (0.99)	--	ND (1.0)	--
Aroclor - 1248	0.42	0.25	--	ND (0.99)	--	ND (1.0)	--
Aroclor - 1254	0.35	0.56	--	ND (0.99)	--	ND (1.0)	--
Aroclor - 1260	ND (0.2)	0.3	--	ND (0.99)	--	ND (1.0)	--
Total VOCs (µg/kg)							
1,1,1-Trichloroethane	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-101399-SM-116</i>	<i>SL-12636-101399-SM-117</i>	<i>SL-12636-101399-SM-118</i>	<i>L-12636-101399-SM-119</i>	<i>SL-12636-101599-SM-150</i>	<i>SL-12636-101599-SM-151</i>	<i>SL-12636-113099-MM-174</i>
<i>Sample Location</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Second Floor</i>	<i>Basement</i>	<i>Second Floor</i>	<i>Heat Treat</i>
<i>Grid Coordinates</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Cargo Elevator</i>	<i>Trench</i>	<i>Cargo Elevator</i>	<i>Quench Oil Tanks</i>
<i>Date Sampled</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>D19</i>
							<i>11/30/1999</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>							
1,1-Dichloroethylene	--	--	ND (0.01)	--	--	--	--
1,2-Dichloroethane	--	--	ND (0.01)	--	--	--	--
1,4-Dichlorobenzene	--	--	ND (0.01)	--	--	--	--
Benzene	--	--	ND (0.01)	--	--	--	--
Carbon tetrachloride	--	--	ND (0.01)	--	--	--	--
Chlorobenzene	--	--	ND (0.01)	--	--	--	--
Chloroform	--	--	ND (0.01)	--	--	--	--
2-Butanone	--	--	ND (0.1)	--	--	--	--
Tetrachloroethene	--	--	ND (0.01)	--	--	--	--
Trichloroethene	--	--	ND (0.01)	--	--	--	--
Vinyl chloride	--	--	ND (0.01)	--	--	--	--
<i>Total SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	ND (10)	ND (10)	--	--	--	--	--
1,2-Dichlorobenzene	ND (10)	ND (10)	--	--	--	--	--
1,2-Dichlorobenzene	ND (10)	ND (10)	--	--	--	--	--
1,4-Dichlorobenzene	ND (10)	ND (10)	--	--	--	--	--
2,4,5-Trichlorophenol	ND (10)	ND (10)	--	--	--	--	--
2,4,6-Trichlorophenol	ND (10)	ND (10)	--	--	--	--	--
2,4-Dichlorophenol	ND (10)	ND (10)	--	--	--	--	--
2,4-Dimethylphenol	ND (10)	ND (10)	--	--	--	--	--
2,4-Dinitrophenol	ND (41)	ND (41)	--	--	--	--	--
2,4-Dinitrotoluene	ND (10)	ND (10)	--	--	--	--	--
2,6-Dinitrotoluene	ND (10)	ND (10)	--	--	--	--	--
2-Chloronaphthalene	ND (10)	ND (10)	--	--	--	--	--
2-Chlorophenol	ND (10)	ND (10)	--	--	--	--	--
2-Methyl naphthalene	ND (10)	ND (10)	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	ND (41)	ND (41)	--	--	--	--	--
2-Methylphenol (o-Cresol)	ND (10)	ND (10)	--	--	--	--	--
2-Nitroaniline	ND (41)	ND (41)	--	--	--	--	--
2-Nitrophenol	ND (10)	ND (10)	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	ND (20)	ND (20)	--	--	--	--	--
3,3-Dichlorobenzidine	ND (41)	ND (41)	--	--	--	--	--
3-Nitroaniline	ND (41)	ND (41)	--	--	--	--	--
4-Bromophenyl-phenylether	ND (10)	ND (10)	--	--	--	--	--
4-Chloro-3-methylphenol	ND (10)	ND (10)	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-101399-SM-116</i>	<i>SL-12636-101399-SM-117</i>	<i>SL-12636-101399-SM-118</i>	<i>L-12636-101399-SM-119</i>	<i>SL-12636-101599-SM-150</i>	<i>SL-12636-101599-SM-151</i>	<i>SL-12636-113099-MM-174</i>
<i>Sample Location</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Second Floor</i>	<i>Basement</i>	<i>Second Floor</i>	<i>Heat Treat</i>
<i>Grid Coordinates</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Cargo Elevator</i>	<i>Trench</i>	<i>Cargo Elevator</i>	<i>Quench Oil Tanks</i>
<i>Date Sampled</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>D19</i>
	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>11/30/1999</i>
4-Chloroaniline	ND (41)	ND (41)	--	--	--	--	--
4-Chlorophenyl-phenylether	ND (10)	ND (10)	--	--	--	--	--
4-Nitroaniline	ND (41)	ND (41)	--	--	--	--	--
4-Nitrophenol	ND (41)	ND (41)	--	--	--	--	--
Acenaphthene	ND (10)	ND (10)	--	--	--	--	--
Acenaphthylene	ND (10)	ND (10)	--	--	--	--	--
Anthracene	ND (10)	ND (10)	--	--	--	--	--
Benzo(a)anthracene	ND (10)	20	--	--	--	--	--
Benzo[a]pyrene	ND (10)	11	--	--	--	--	--
Benzo[b]fluoranthene	ND (10)	13	--	--	--	--	--
Benzo[g,h,i]perylene	ND (10)	ND (10)	--	--	--	--	--
Benzo[k]fluoranthene	ND (10)	14	--	--	--	--	--
Bis(2-Chloroethoxy)methane	ND (10)	ND (10)	--	--	--	--	--
Bis(2-Chloroethyl)ether	ND (10)	ND (10)	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	ND (10)	ND (10)	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	53	ND (10)	--	--	--	--	--
Butylbenzylphthalate	39	ND (10)	--	--	--	--	--
Carbazole	ND (10)	13	--	--	--	--	--
Chrysene	ND (10)	24	--	--	--	--	--
Di-n-butylphthalate	24	ND (10)	--	--	--	--	--
Di-n-Octylphthalate	ND (10)	ND (10)	--	--	--	--	--
Dibenzo[a,h]anthracene	ND (10)	ND (10)	--	--	--	--	--
Dibenzofuran	ND (10)	ND (10)	--	--	--	--	--
Diethylphthalate	ND (10)	ND (10)	--	--	--	--	--
Dimethylphthalate	ND (10)	ND (10)	--	--	--	--	--
Fluorene	ND (10)	ND (10)	--	--	--	--	--
Fluoranthene	10	81	--	--	--	--	--
Hexachlorobenzene	ND (10)	ND (10)	--	--	--	--	--
Hexachlorobutadiene	ND (10)	ND (10)	--	--	--	--	--
Hexachlorocyclopentadiene	ND (10)	ND (10)	--	--	--	--	--
Hexachloroethane	ND (10)	ND (10)	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	ND (10)	ND (10)	--	--	--	--	--
Isophorone	ND (10)	ND (10)	--	--	--	--	--
n-Nitroso-di-n-propylamine	ND (10)	ND (10)	--	--	--	--	--
n-Nitrosodiphenylamine	ND (10)	ND (10)	--	--	--	--	--
Naphthalene	ND (10)	ND (10)	--	--	--	--	--
Nitrobenzene	ND (10)	ND (10)	--	--	--	--	--
Pentachlorophenol	ND (10)	ND (10)	--	--	--	--	--
Phenanthrene	ND (10)	96	--	--	--	--	--
Phenol	ND (10)	ND (10)	--	--	--	--	--
Pyrene	ND (10)	52	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>							
2,4,5-Trichlorophenol	--	--	ND (0.10)	--	--	--	--
2,4,6-Trichlorophenol	--	--	ND (0.10)	--	--	--	--
2,4-Dinitrotoluene	--	--	ND (0.10)	--	--	--	--
2-Methylphenol	--	--	ND (0.10)	--	--	--	--
3&4-Methylphenol (p&m-Cresc	--	--	ND (0.20)	--	--	--	--
Hexachlorobenzene	--	--	ND (0.10)	--	--	--	--
Hexachlorobutadiene	--	--	ND (0.10)	--	--	--	--
Hexachloroethane	--	--	ND (0.10)	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>SL-12636-101399-SM-116</i>	<i>SL-12636-101399-SM-117</i>	<i>SL-12636-101399-SM-118</i>	<i>L-12636-101399-SM-119</i>	<i>SL-12636-101599-SM-150</i>	<i>SL-12636-101599-SM-151</i>	<i>SL-12636-113099-MM-174</i>
<i>Sample Location</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Southeast Trench</i>	<i>Second Floor</i>	<i>Basement</i>	<i>Second Floor</i>	<i>Heat Treat</i>
<i>Grid Coordinates</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>	<i>Cargo Elevator</i>	<i>Trench</i>	<i>Cargo Elevator</i>	<i>Quench Oil Tanks</i>
<i>Date Sampled</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>D19</i>
	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/13/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>11/30/1999</i>
Nitrobenzene	--	--	ND (0.10)	--	--	--	--
Pentachlorophenol	--	--	ND (0.10)	--	--	--	--
Pyridine	--	--	ND (0.20)	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-120399-MM-175</i>	<i>SL-12636-113099-MM-176</i>	<i>SL-12636-113099-MM-177</i>	<i>SL-12636-113099-MM-180</i>	<i>SL-12636-120399-MM-205</i>	<i>SL-12636-121599-MM-206</i>	<i>SL-12636-121599-MM-207</i>
<i>Sample Location</i>	<i>Heat treat Area</i>	<i>Heat Treat Quench Oil Tanks</i>	<i>Heat Treat Quench Oil Tanks</i>	<i>Powerhouse Basement Floor Trenches</i>	<i>Substation number 3 Main feed switch</i>	<i>Substation number 6 Feed switch to sub 8</i>	<i>Switchhouse oilfilled switches</i>
<i>Grid Coordinates</i>	<i>D19</i>	<i>D19</i>	<i>D19</i>	<i>-</i>	<i>E8</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>12/3/1999</i>	<i>12/3/1999</i>	<i>12/15/1999</i>
<i>Total Metals (mg/kg)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>TCPL Metals (mg/L)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	710	2800	810	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	ND (2.0)	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	--	--	--	--	ND(190)	ND(290)	ND(400)
Aroclor - 1221	--	--	--	--	ND(190)	ND(290)	ND(400)
Aroclor - 1232	--	--	--	--	ND(190)	ND(290)	ND(400)
Aroclor - 1242	--	--	--	--	ND(190)	ND(290)	ND(400)
Aroclor - 1248	--	--	--	--	ND(190)	ND(290)	ND(400)
Aroclor - 1254	--	--	--	--	ND(190)	ND(290)	ND(400)
Aroclor - 1260	--	--	--	--	ND(190)	ND(290)	ND(400)
<i>Total VOCs (µg/kg)</i>							
1,1,1-Trichloroethane	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-120399-MM-175</i>	<i>SL-12636-113099-MM-176</i>	<i>SL-12636-113099-MM-177</i>	<i>SL-12636-113099-MM-180</i>	<i>SL-12636-120399-MM-205</i>	<i>SL-12636-121599-MM-206</i>	<i>SL-12636-121599-MM-207</i>
<i>Sample Location</i>	<i>Heat treat Area</i>	<i>Heat Treat</i>	<i>Heat Treat</i>	<i>Powerhouse Basement</i>	<i>Substation number 3</i>	<i>Substation number 6</i>	<i>Switchhouse</i>
<i>Grid Coordinates</i>	<i>D19</i>	<i>Quench Oil Tanks</i>	<i>Quench Oil Tanks</i>	<i>Floor Trenches</i>	<i>Main feed switch</i>	<i>Feed switch to sub 8</i>	<i>oilfilled switches</i>
<i>Date Sampled</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>12/3/1999</i>	<i>12/3/1999</i>	<i>12/15/1999</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>							
1,1-Dichloroethylene	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--
2-Methyl naphthalene	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresc	--	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>SL-12636-120399-MM-175</i>	<i>SL-12636-113099-MM-176</i>	<i>SL-12636-113099-MM-177</i>	<i>SL-12636-113099-MM-180</i>	<i>SL-12636-120399-MM-205</i>	<i>SL-12636-121599-MM-206</i>	<i>SL-12636-121599-MM-207</i>
<i>Sample Location</i>	<i>Heat treat Area</i>	<i>Heat Treat Quench Oil Tanks</i>	<i>Heat Treat Quench Oil Tanks</i>	<i>Powerhouse Basement Floor Trenches</i>	<i>Substation number 3 Main feed switch</i>	<i>Substation number 6 Feed switch to sub 8</i>	<i>Switchhouse oilfilled switches</i>
<i>Grid Coordinates</i>	<i>D19</i>	<i>D19</i>	<i>D19</i>	<i>-</i>	<i>E8</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>12/3/1999</i>	<i>12/3/1999</i>	<i>12/15/1999</i>
4-Chloroaniline	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--	--	--
Dibenzofuran	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>							
2,4,5-Trichlorophenol	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresc	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>SL-12636-120399-MM-175</i>	<i>SL-12636-113099-MM-176</i>	<i>SL-12636-113099-MM-177</i>	<i>SL-12636-113099-MM-180</i>	<i>SL-12636-120399-MM-205</i>	<i>SL-12636-121599-MM-206</i>	<i>SL-12636-121599-MM-207</i>
<i>Sample Location</i>	<i>Heat treat Area</i>	<i>Heat Treat</i>	<i>Heat Treat</i>	<i>Powerhouse Basement</i>	<i>Substation number 3</i>	<i>Substation number 6</i>	<i>Switchhouse</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>Quench Oil Tanks</i>	<i>Quench Oil Tanks</i>	<i>Floor Trenches</i>	<i>Main feed switch</i>	<i>Feed switch to sub 8</i>	<i>oilfilled switches</i>
<i>Date Sampled</i>	<i>D19</i>	<i>D19</i>	<i>D19</i>	<i>-</i>	<i>E8</i>	<i>-</i>	<i>-</i>
	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>12/3/1999</i>	<i>12/3/1999</i>	<i>12/15/1999</i>
Nitrobenzene	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-121599-MM-208</i>	<i>L-12636-121699-210</i>	<i>S-12636-041900-CK-261</i>	<i>S-12636-041900-CK-262</i>	<i>S-12636-053100-CK-297</i>	<i>S-12636-053100-CK-298</i>	<i>L-12636-082800-CK-519</i>	<i>S-12636-091100-SM-526</i>
<i>Sample Location</i>	<i>Switchhouse oilfilled switches</i>	<i>Former Truck Repair -</i>	<i>Main floor Sump west end</i>	<i>Main floor Sump east end</i>	<i>Sludge from Alkali Pumps</i>	<i>Sludge from Alkali Pumps</i>	<i>Storm sewer manhole -</i>	<i>Building #44, Pit #9 -</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>Q16</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>12/15/1999</i>	<i>12/16/1999</i>	<i>4/19/2000</i>	<i>4/19/2000</i>	<i>5/31/2000</i>	<i>5/31/2000</i>	<i>8/23/2000</i>	<i>9/11/2000</i>
Total Metals (mg/kg)								
Arsenic	--	ND (0.9)	--	--	--	--	--	--
Barium	--	21	--	--	--	--	--	--
Cadmium	--	0.73	--	--	--	--	--	--
Chromium	--	ND (2)	--	--	--	--	--	--
Lead	--	13	--	--	--	--	--	--
Mercury	--	ND (0.02)	--	--	--	--	--	--
Selenium	--	ND (0.2)	--	--	--	--	--	--
Silver	--	0.12	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	ND(0.02)	ND(0.02)	0.081	0.0021	--	--
Barium	--	--	0.42	0.11	0.51	2.9	--	--
Cadmium	--	--	0.04	0.10	0.0018	0.64	--	--
Chromium	--	--	0.47	ND(0.05)	0.014	0.013	--	--
Lead	--	--	0.096	0.029	ND (0.0019)	0.0022	--	--
Mercury	--	--	0.0015	0.00031	ND (0.0002)	ND(0.2)	--	--
Selenium	--	--	0.023	ND(0.02)	0.0054	0.0084	--	--
Silver	--	--	ND(0.01)	ND(0.01)	ND (0.00039)	ND(5)	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(370)	ND (0.98)	ND(0.2)	ND(0.045)	ND(0.64)	ND(0.063)	ND(0.99)	ND(0.99)
Aroclor - 1221	ND(370)	ND (0.98)	ND(0.2)	ND(0.045)	ND(0.64)	ND(0.063)	ND(0.99)	ND(0.99)
Aroclor - 1232	ND(370)	ND (0.98)	ND(0.2)	ND(0.045)	ND(0.64)	ND(0.063)	ND(0.99)	ND(0.99)
Aroclor - 1242	ND(370)	ND (0.98)	ND(0.2)	ND(0.045)	ND(0.64)	ND(0.063)	ND(0.99)	ND(0.99)
Aroclor - 1248	ND(370)	ND (0.98)	ND(0.2)	ND(0.045)	ND(0.64)	ND(0.063)	ND(0.99)	ND(0.99)
Aroclor - 1254	ND(370)	ND (0.98)	0.57	1	ND(0.64)	0.24	ND(0.99)	ND(0.99)
Aroclor - 1260	ND(370)	ND (0.98)	0.41	0.43	ND(0.64)	0.082	ND(0.99)	ND(0.99)
Total VOCs (µg/kg)								
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-121599-MM-208</i>	<i>L-12636-121699-210</i>	<i>S-12636-041900-CK-261</i>	<i>S-12636-041900-CK-262</i>	<i>S-12636-053100-CK-297</i>	<i>S-12636-053100-CK-298</i>	<i>L-12636-082800-CK-519</i>	<i>S-12636-091100-SM-526</i>
<i>Sample Location</i>	<i>Switchhouse</i>	<i>Former Truck Repair</i>	<i>Main floor Sump</i>	<i>Main floor Sump</i>	<i>Sludge from</i>	<i>Sludge from</i>	<i>Storm sewer manhole</i>	<i>Building #44, Pit #9</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>Q16</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>12/15/1999</i>	<i>12/16/1999</i>	<i>4/19/2000</i>	<i>4/19/2000</i>	<i>5/31/2000</i>	<i>5/31/2000</i>	<i>8/23/2000</i>	<i>9/11/2000</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>								
1,1-Dichloroethylene	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
1,2-Dichloroethane	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
1,4-Dichlorobenzene	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
Benzene	--	--	ND(0.01)	0.055	ND(0.019)	ND(0.013)	--	--
Carbon tetrachloride	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
Chlorobenzene	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
Chloroform	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
2-Butanone	--	--	ND(0.1)	ND(0.11)	ND(0.19)	ND(0.13)	--	--
Tetrachloroethene	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
Trichloroethene	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
Vinyl chloride	--	--	ND(0.01)	ND(0.011)	ND(0.019)	ND(0.013)	--	--
<i>Total SVOCs (mg/kg)</i>								
1,2,4-Trichlorobenzene	--	ND (0.5)	--	--	--	--	--	--
1,2-Dichlorobenzene	--	ND (0.5)	--	--	--	--	--	--
1,2-Dichlorobenzene	--	ND (0.5)	--	--	--	--	--	--
1,4-Dichlorobenzene	--	ND (0.5)	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	ND (0.5)	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	ND (0.5)	--	--	--	--	--	--
2,4-Dichlorophenol	--	ND (0.5)	--	--	--	--	--	--
2,4-Dimethylphenol	--	ND (0.5)	--	--	--	--	--	--
2,4-Dinitrophenol	--	ND (2)	--	--	--	--	--	--
2,4-Dinitrotoluene	--	ND (0.5)	--	--	--	--	--	--
2,6-Dinitrotoluene	--	ND (0.5)	--	--	--	--	--	--
2-Chloronaphthalene	--	ND (0.5)	--	--	--	--	--	--
2-Chlorophenol	--	ND (0.5)	--	--	--	--	--	--
2-Methyl naphthalene	--	ND (0.5)	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	ND (2)	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	ND (0.5)	--	--	--	--	--	--
2-Nitroaniline	--	ND (2)	--	--	--	--	--	--
2-Nitrophenol	--	ND (0.5)	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	ND (0.5)	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	ND (2)	--	--	--	--	--	--
3-Nitroaniline	--	ND (2)	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	ND (0.5)	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	ND (0.5)	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-121599-MM-208</i>	<i>L-12636-121699-210</i>	<i>S-12636-041900-CK-261</i>	<i>S-12636-041900-CK-262</i>	<i>S-12636-053100-CK-297</i>	<i>S-12636-053100-CK-298</i>	<i>L-12636-082800-CK-519</i>	<i>S-12636-091100-SM-526</i>
<i>Sample Location</i>	<i>Switchhouse</i>	<i>Former Truck Repair</i>	<i>Main floor Sump</i>	<i>Main floor Sump</i>	<i>Sludge from</i>	<i>Sludge from</i>	<i>Storm sewer manhole</i>	<i>Building #44, Pit #9</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>Q16</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>12/15/1999</i>	<i>12/16/1999</i>	<i>4/19/2000</i>	<i>4/19/2000</i>	<i>5/31/2000</i>	<i>5/31/2000</i>	<i>8/23/2000</i>	<i>9/11/2000</i>
4-Chloroaniline	--	ND (2)	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	ND (0.5)	--	--	--	--	--	--
4-Nitroaniline	--	ND (2)	--	--	--	--	--	--
4-Nitrophenol	--	ND (2)	--	--	--	--	--	--
Acenaphthene	--	ND (0.5)	--	--	--	--	--	--
Acenaphthylene	--	ND (0.5)	--	--	--	--	--	--
Anthracene	--	ND (0.5)	--	--	--	--	--	--
Benzo(a)anthracene	--	ND (0.5)	--	--	--	--	--	--
Benzo[a]pyrene	--	ND (0.5)	--	--	--	--	--	--
Benzo[b]fluoranthene	--	ND (0.5)	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	ND (0.5)	--	--	--	--	--	--
Benzo[k]fluoranthene	--	ND (0.5)	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	ND (0.5)	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	ND (0.5)	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	ND (0.5)	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	ND (0.5)	--	--	--	--	--	--
Butylbenzylphthalate	--	ND (0.5)	--	--	--	--	--	--
Carbazole	--	ND (0.5)	--	--	--	--	--	--
Chrysene	--	ND (0.5)	--	--	--	--	--	--
Di-n-butylphthalate	--	ND (0.5)	--	--	--	--	--	--
Di-n-Octylphthalate	--	ND (0.5)	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	ND (0.5)	--	--	--	--	--	--
Dibenzofuran	--	ND (0.5)	--	--	--	--	--	--
Diethylphthalate	--	ND (0.5)	--	--	--	--	--	--
Dimethylphthalate	--	ND (0.5)	--	--	--	--	--	--
Fluorene	--	ND (0.5)	--	--	--	--	--	--
Fluoranthene	--	ND (0.5)	--	--	--	--	--	--
Hexachlorobenzene	--	ND (0.5)	--	--	--	--	--	--
Hexachlorobutadiene	--	ND (0.5)	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	ND (0.5)	--	--	--	--	--	--
Hexachloroethane	--	ND (0.5)	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	ND (0.5)	--	--	--	--	--	--
Isophorone	--	ND (0.5)	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	ND (0.5)	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	ND (0.5)	--	--	--	--	--	--
Naphthalene	--	ND (0.5)	--	--	--	--	--	--
Nitrobenzene	--	ND (0.5)	--	--	--	--	--	--
Pentachlorophenol	--	ND (2)	--	--	--	--	--	--
Phenanthrene	--	ND (0.5)	--	--	--	--	--	--
Phenol	--	ND (0.5)	--	--	--	--	--	--
Pyrene	--	ND (0.5)	--	--	--	--	--	--
Pyridine	--	ND (1)	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>								
2,4,5-Trichlorophenol	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--
2,4,6-Trichlorophenol	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--
2,4-Dinitrotoluene	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--
2-Methylphenol	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--
3&4-Methylphenol (p&m-Cresc	--	--	ND(0.11)	ND(0.11)	ND(0.039)	ND(0.025)	--	--
Hexachlorobenzene	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--
Hexachlorobutadiene	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--
Hexachloroethane	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>SL-12636-121599-MM-208</i>	<i>L-12636-121699-210</i>	<i>S-12636-041900-CK-261</i>	<i>S-12636-041900-CK-262</i>	<i>S-12636-053100-CK-297</i>	<i>S-12636-053100-CK-298</i>	<i>L-12636-082800-CK-519</i>	<i>S-12636-091100-SM-526</i>
<i>Sample Location</i>	<i>Switchhouse</i>	<i>Former Truck Repair</i>	<i>Main floor Sump</i>	<i>Main floor Sump</i>	<i>Sludge from</i>	<i>Sludge from</i>	<i>Storm sewer manhole</i>	<i>Building #44, Pit #9</i>
<i>Grid Coordinates</i>	<i>-</i>	<i>Q16</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>12/15/1999</i>	<i>12/16/1999</i>	<i>4/19/2000</i>	<i>4/19/2000</i>	<i>5/31/2000</i>	<i>5/31/2000</i>	<i>8/23/2000</i>	<i>9/11/2000</i>
Nitrobenzene	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--
Pentachlorophenol	--	--	ND(0.051)	ND(0.053)	ND(0.019)	ND(0.013)	--	--
Pyridine	--	--	ND(0.1)	ND(0.11)	ND(0.039)	ND(0.025)	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091100-SM-527</i>	<i>S-12636-091100-SM-528</i>	<i>S-12636-091200-SM-529</i>	<i>S-12636-091200-SM-530</i>	<i>S-12636-091300-SM-531</i>	<i>S-12636-091300-SM-532</i>	<i>S-12636-091300-SM-533</i>	<i>S-12636-091300-SM-534</i>
<i>Sample Location</i>	<i>Building #44, Pit #4</i>	<i>Building #44, Pit at N-6</i>	<i>Bldg. #44, Pit 1&2 comp</i>	<i>Bldg. #44, Pit 14 @ M-15</i>	<i>Pit #4</i>	<i>Pit #5,6,7,8 comp</i>	<i>Pit #5,6,7,8 comp</i>	<i>Pit #10</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/11/2000</i>	<i>9/12/2000</i>	<i>9/12/2000</i>	<i>9/12/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>
<i>Total Metals (mg/kg)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>								
Arsenic	--	--	0.012	ND(0.012)	ND(0.01)	ND(0.01)	0.013	ND(0.01)
Barium	--	--	1.9	0.72	0.36	0.97	4.4	0.29
Cadmium	--	--	ND(1)	ND(0.0024)	ND(0.002)	ND(0.002)	0.0022	ND(0.002)
Chromium	--	--	0.023	ND(0.024)	ND(0.02)	ND(0.02)	ND(0.02)	ND(0.02)
Lead	--	--	ND(0.023)	ND(5)	0.021	0.027	ND(0.02)	ND(0.02)
Mercury	--	--	ND(0.0002)	ND(0.2)	ND(0.0002)	ND(0.0002)	ND(0.0002)	ND(0.0002)
Selenium	--	--	ND(0.046)	ND(1)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)
Silver	--	--	ND(0.0046)	0.0058	0.0044	ND(0.004)	ND(0.004)	ND(0.004)
<i>PCBs (mg/kg)</i>								
Aroclor -1016	ND(0.98)	ND(0.97)	ND(.23)	ND(5.9)	ND(1.1)	ND(1.2)	ND(1.5)	ND(0.25)
Aroclor - 1221	ND(0.98)	ND(0.97)	ND(.23)	ND(5.9)	ND(1.1)	ND(1.2)	ND(1.5)	ND(0.25)
Aroclor - 1232	ND(0.98)	ND(0.97)	ND(.23)	ND(5.9)	ND(1.1)	ND(1.2)	ND(1.5)	ND(0.25)
Aroclor - 1242	ND(0.98)	ND(0.97)	ND(.23)	ND(5.9)	ND(1.1)	ND(1.2)	ND(1.5)	ND(0.25)
Aroclor - 1248	ND(0.98)	ND(0.97)	ND(.23)	ND(5.9)	ND(1.1)	ND(1.2)	ND(1.5)	ND(0.25)
Aroclor - 1254	ND(0.98)	ND(0.97)	ND(.23)	ND(5.9)	ND(1.1)	ND(1.2)	ND(1.5)	ND(0.25)
Aroclor - 1260	ND(0.98)	ND(0.97)	ND(.23)	ND(5.9)	ND(1.1)	ND(1.2)	ND(1.5)	ND(0.25)
<i>Total VOCs (µg/kg)</i>								
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091100-SM-527</i>	<i>S-12636-091100-SM-528</i>	<i>S-12636-091200-SM-529</i>	<i>S-12636-091200-SM-530</i>	<i>S-12636-091300-SM-531</i>	<i>S-12636-091300-SM-532</i>	<i>S-12636-091300-SM-533</i>	<i>S-12636-091300-SM-534</i>
<i>Sample Location</i>	<i>Building #44, Pit #4</i>	<i>Building #44, Pit at N-6</i>	<i>Bldg. #44, Pit 1&2 comp</i>	<i>Bldg. #44, Pit 14 @ M-15</i>	<i>Pit #4</i>	<i>Pit #5,6,7,8 comp</i>	<i>Pit #5,6,7,8 comp</i>	<i>Pit #10</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/11/2000</i>	<i>9/11/2000</i>	<i>9/12/2000</i>	<i>9/12/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>								
1,1-Dichloroethylene	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
1,2-Dichloroethane	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
1,4-Dichlorobenzene	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Benzene	--	--	ND(0.12)	ND(0.12)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Carbon tetrachloride	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Chlorobenzene	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Chloroform	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
2-Butanone	--	--	ND(0.12)	ND(0.12)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Tetrachloroethene	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Trichloroethene	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Vinyl chloride	--	--	ND(0.012)	ND(0.012)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
<i>Total SVOCs (mg/kg)</i>								
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--	--
2-Methyl naphthalene	--	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091100-SM-527</i>	<i>S-12636-091100-SM-528</i>	<i>S-12636-091200-SM-529</i>	<i>S-12636-091200-SM-530</i>	<i>S-12636-091300-SM-531</i>	<i>S-12636-091300-SM-532</i>	<i>S-12636-091300-SM-533</i>	<i>S-12636-091300-SM-534</i>
<i>Sample Location</i>	<i>Building #44, Pit #4</i>	<i>Building #44, Pit at N-6</i>	<i>Bldg. #44, Pit 1&2 comp</i>	<i>Bldg. #44, Pit 14 @ M-15</i>	<i>Pit #4</i>	<i>Pit #5,6,7,8 comp</i>	<i>Pit #5,6,7,8 comp</i>	<i>Pit #10</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/11/2000</i>	<i>9/11/2000</i>	<i>9/12/2000</i>	<i>9/12/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>
4-Chloroaniline	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--	--	--	--
Dibenzofuran	--	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>								
2,4,5-Trichlorophenol	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)
2,4,6-Trichlorophenol	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)
2,4-Dinitrotoluene	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)
2-Methylphenol	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)
3&4-Methylphenol (p&m-Cresc	--	--	ND(2.9)	ND(0.024)	ND(0.2)	ND(2.5)	0.051	ND(0.2)
Hexachlorobenzene	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)
Hexachlorobutadiene	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)
Hexachloroethane	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091100-SM-527</i>	<i>S-12636-091100-SM-528</i>	<i>S-12636-091200-SM-529</i>	<i>S-12636-091200-SM-530</i>	<i>S-12636-091300-SM-531</i>	<i>S-12636-091300-SM-532</i>	<i>S-12636-091300-SM-533</i>	<i>S-12636-091300-SM-534</i>
<i>Sample Location</i>	<i>Building #44, Pit #4</i>	<i>Building #44, Pit at N-6</i>	<i>Bldg. #44, Pit 1&2 comp</i>	<i>Bldg. #44, Pit 14 @ M-15</i>	<i>Pit #4</i>	<i>Pit #5,6,7,8 comp</i>	<i>Pit #5,6,7,8 comp</i>	<i>Pit #10</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/11/2000</i>	<i>9/11/2000</i>	<i>9/12/2000</i>	<i>9/12/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>
Nitrobenzene	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)
Pentachlorophenol	--	--	ND(1.5)	ND(0.012)	ND(0.1)	ND(1.3)	ND(0.01)	ND(0.1)
Pyridine	--	--	ND(2.9)	ND(0.024)	ND(0.2)	ND(2.5)	ND(0.02)	ND(0.2)

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091300-535</i>	<i>S-12636-091300-536</i>	<i>S-12636-091300-537</i>	<i>S-12636-091300-538</i>	<i>S-12636-091300-539</i>	<i>S-12636-091300-540</i>	<i>S-12636-091300-541</i>	<i>S-12636-091300-542</i>	<i>S-12636-091900-SM-543</i>
<i>Sample Location</i>	<i>Pit #11, 12 comp</i>	<i>Pit #19 in basement</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	-
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/19/2000</i>
<i>Total Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
Barium	0.54	0.08	--	--	--	--	--	--	--
Cadmium	0.002	ND(0.002)	--	--	--	--	--	--	--
Chromium	ND(0.02)	0.01	--	--	--	--	--	--	--
Lead	ND(0.02)	ND(0.02)	--	--	--	--	--	--	--
Mercury	ND(0.0002)	ND(0.0002)	ND(0.0002)	ND(0.0002)	ND(0.0002)	ND(0.0002)	ND(0.0002)	ND(0.0002)	--
Selenium	ND(0.04)	ND(0.04)	--	--	--	--	--	--	--
Silver	ND(0.004)	ND(0.004)	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(1.3)	ND(1.4)	--	--	--	--	--	--	ND(0.037)
Aroclor - 1221	ND(1.3)	ND(1.4)	--	--	--	--	--	--	ND(0.037)
Aroclor - 1232	ND(1.3)	ND(1.4)	--	--	--	--	--	--	ND(0.037)
Aroclor - 1242	ND(1.3)	ND(1.4)	--	--	--	--	--	--	ND(0.037)
Aroclor - 1248	ND(1.3)	ND(1.4)	--	--	--	--	--	--	ND(0.037)
Aroclor - 1254	ND(1.3)	ND(1.4)	--	--	--	--	--	--	ND(0.037)
Aroclor - 1260	ND(1.3)	ND(1.4)	--	--	--	--	--	--	ND(0.037)
<i>Total VOCs (µg/kg)</i>									
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091300-535</i>	<i>S-12636-091300-536</i>	<i>S-12636-091300-537</i>	<i>S-12636-091300-538</i>	<i>S-12636-091300-539</i>	<i>S-12636-091300-540</i>	<i>S-12636-091300-541</i>	<i>S-12636-091300-542</i>	<i>S-12636-091900-SM-543</i>
<i>Sample Location</i>	<i>Pit #11, 12 comp</i>	<i>Pit #19 in basement</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	-
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/19/2000</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
1,2-Dichloroethane	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
1,4-Dichlorobenzene	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
Benzene	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
Carbon tetrachloride	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
Chlorobenzene	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
Chloroform	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
2-Butanone	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
Tetrachloroethene	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
Trichloroethene	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
Vinyl chloride	ND(0.01)	ND(0.01)	--	--	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>									
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--	--	--
2-Methyl naphthalene	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091300-535</i>	<i>S-12636-091300-536</i>	<i>S-12636-091300-537</i>	<i>S-12636-091300-538</i>	<i>S-12636-091300-539</i>	<i>S-12636-091300-540</i>	<i>S-12636-091300-541</i>	<i>S-12636-091300-542</i>	<i>S-12636-091900-SM-543</i>
<i>Sample Location</i>	<i>Pit #11, 12 comp</i>	<i>Pit #19 in basement</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	-
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/19/2000</i>
4-Chloroaniline	--	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--	--	--	--	--
Dibenzofuran	--	--	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>									
2,4,5-Trichlorophenol	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
2,4-Dinitrotoluene	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
2-Methylphenol	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresc	ND(0.2)	ND(0.2)	--	--	--	--	--	--	--
Hexachlorobenzene	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
Hexachlorobutadiene	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
Hexachloroethane	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>S-12636-091300-535</i>	<i>S-12636-091300-536</i>	<i>S-12636-091300-537</i>	<i>S-12636-091300-538</i>	<i>S-12636-091300-539</i>	<i>S-12636-091300-540</i>	<i>S-12636-091300-541</i>	<i>S-12636-091300-542</i>	<i>S-12636-091900-SM-543</i>
<i>Sample Location</i>	<i>Pit #11, 12 comp</i>	<i>Pit #19 in basement</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	<i>Bay B-63</i>	-
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/13/2000</i>	<i>9/19/2000</i>
Nitrobenzene	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
Pentachlorophenol	ND(0.1)	ND(0.1)	--	--	--	--	--	--	--
Pyridine	ND(0.2)	ND(0.2)	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091900-SM-544</i>	<i>S-12636-091900-SM-545</i>	<i>S-12636-091900-SM-546</i>	<i>S-12636-092000-SM-547</i>	<i>L-12636-100900-SM-549</i>	<i>L-12636-100900-SM-550</i>	<i>L-12636-100900-SM-551</i>	<i>L-12636-100900-SM-552</i>
<i>Sample Location</i>	-	-	-	-	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/19/2000</i>	<i>9/19/2000</i>	<i>9/19/2000</i>	<i>9/20/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
<i>Total Metals (mg/kg)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>								
Arsenic	--	--	--	ND(0.013)	--	--	--	--
Barium	--	--	--	0.62	--	--	--	--
Cadmium	--	--	--	ND(0.0026)	--	--	--	--
Chromium	--	--	--	ND(0.026)	--	--	--	--
Lead	--	--	--	ND(0.026)	--	--	--	--
Mercury	--	--	--	ND(0.002)	--	--	--	--
Selenium	--	--	--	ND(0.052)	--	--	--	--
Silver	--	--	--	ND(0.0052)	--	--	--	--
<i>PCBs (mg/kg)</i>								
Aroclor -1016	ND(0.035)	ND(0.035)	ND(0.051)	ND(1.1)	ND(1.0)	ND(0.99)	ND(0.98)	ND(0.99)
Aroclor - 1221	ND(0.035)	ND(0.035)	ND(0.051)	ND(1.1)	ND(1.0)	ND(0.99)	ND(0.98)	ND(0.99)
Aroclor - 1232	ND(0.035)	ND(0.035)	ND(0.051)	ND(0.035)	ND(1.0)	ND(0.99)	ND(0.98)	ND(0.99)
Aroclor - 1242	ND(0.035)	ND(0.035)	ND(0.051)	ND(1.1)	ND(1.0)	ND(0.99)	ND(0.98)	4.3
Aroclor - 1248	ND(0.035)	ND(0.035)	ND(0.051)	ND(1.1)	ND(1.0)	ND(0.99)	ND(0.98)	ND(0.99)
Aroclor - 1254	ND(0.035)	ND(0.035)	ND(0.051)	ND(0.035)	ND(1.0)	ND(0.99)	ND(0.98)	ND(0.99)
Aroclor - 1260	ND(0.035)	ND(0.035)	ND(0.051)	ND(1.1)	6.9	7.4	7.2	ND(0.99)
<i>Total VOCs (µg/kg)</i>								
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-091900-SM-544</i>	<i>S-12636-091900-SM-545</i>	<i>S-12636-091900-SM-546</i>	<i>S-12636-092000-SM-547</i>	<i>L-12636-100900-SM-549</i>	<i>L-12636-100900-SM-550</i>	<i>L-12636-100900-SM-551</i>	<i>L-12636-100900-SM-552</i>
<i>Sample Location</i>	-	-	-	-	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/19/2000</i>	<i>9/19/2000</i>	<i>9/19/2000</i>	<i>9/20/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>								
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--	--
2-Methyl naphthalene	--	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Creso	--	--	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>S-12636-091900-SM-544</i>	<i>S-12636-091900-SM-545</i>	<i>S-12636-091900-SM-546</i>	<i>S-12636-092000-SM-547</i>	<i>L-12636-100900-SM-549</i>	<i>L-12636-100900-SM-550</i>	<i>L-12636-100900-SM-551</i>	<i>L-12636-100900-SM-552</i>
<i>Sample Location</i>	-	-	-	-	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/19/2000</i>	<i>9/19/2000</i>	<i>9/19/2000</i>	<i>9/20/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
4-Chloroaniline	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--	--	--	--
Dibenzofuran	--	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Creso	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>S-12636-091900-SM-544</i>	<i>S-12636-091900-SM-545</i>	<i>S-12636-091900-SM-546</i>	<i>S-12636-092000-SM-547</i>	<i>L-12636-100900-SM-549</i>	<i>L-12636-100900-SM-550</i>	<i>L-12636-100900-SM-551</i>	<i>L-12636-100900-SM-552</i>
<i>Sample Location</i>	-	-	-	-	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/19/2000</i>	<i>9/19/2000</i>	<i>9/19/2000</i>	<i>9/20/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-100900-SM-553</i>	<i>L-12636-100900-SM-554</i>	<i>L-12636-100900-SM-555</i>	<i>L-12636-100900-SM-556</i>	<i>L-12636-100900-SM-557</i>	<i>L-12636-100900-SM-558</i>	<i>L-12636-100900-SM-559</i>	<i>L-12636-100900-SM-560</i>
<i>Sample Location</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
<i>Total Metals (mg/kg)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>								
Aroclor -1016	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.99)	ND(0.99)	ND(0.99)
Aroclor - 1221	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.99)	ND(0.99)	ND(0.99)
Aroclor - 1232	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.99)	ND(0.99)	ND(0.99)
Aroclor - 1242	6.2	6.3	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.99)	ND(0.99)	ND(0.99)
Aroclor - 1248	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.99)	ND(0.99)	ND(0.99)
Aroclor - 1254	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.99)	ND(0.99)	ND(0.99)
Aroclor - 1260	ND(0.99)	3.3	ND(1.0)	ND(1.0)	4.8	ND(0.99)	2.2	2.2
<i>Total VOCs (µg/kg)</i>								
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-100900-SM-553</i>	<i>L-12636-100900-SM-554</i>	<i>L-12636-100900-SM-555</i>	<i>L-12636-100900-SM-556</i>	<i>L-12636-100900-SM-557</i>	<i>L-12636-100900-SM-558</i>	<i>L-12636-100900-SM-559</i>	<i>L-12636-100900-SM-560</i>
<i>Sample Location</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>								
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--	--
2-Methyl naphthalene	--	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-100900-SM-553</i>	<i>L-12636-100900-SM-554</i>	<i>L-12636-100900-SM-555</i>	<i>L-12636-100900-SM-556</i>	<i>L-12636-100900-SM-557</i>	<i>L-12636-100900-SM-558</i>	<i>L-12636-100900-SM-559</i>	<i>L-12636-100900-SM-560</i>
<i>Sample Location</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
4-Chloroaniline	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--	--	--	--
Dibenzofuran	--	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresc	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>L-12636-100900-SM-553</i>	<i>L-12636-100900-SM-554</i>	<i>L-12636-100900-SM-555</i>	<i>L-12636-100900-SM-556</i>	<i>L-12636-100900-SM-557</i>	<i>L-12636-100900-SM-558</i>	<i>L-12636-100900-SM-559</i>	<i>L-12636-100900-SM-560</i>
<i>Sample Location</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-100900-SM-561</i>	<i>L-12636-100900-SM-562</i>	<i>L-12636-100900-SM-563</i>	<i>L-12636-100900-SM-564</i>	<i>L-12636-100900-SM-565</i>	<i>L-12636-100900-SM-566</i>
<i>Sample Location</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-
<i>Date Sampled</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
<i>Total Metals (mg/kg)</i>						
Arsenic	--	--	--	--	--	--
Barium	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--
Chromium	--	--	--	--	--	--
Lead	--	--	--	--	--	--
Mercury	--	--	--	--	--	--
Selenium	--	--	--	--	--	--
Silver	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>						
Arsenic	--	--	--	--	--	--
Barium	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--
Chromium	--	--	--	--	--	--
Lead	--	--	--	--	--	--
Mercury	--	--	--	--	--	--
Selenium	--	--	--	--	--	--
Silver	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>						
Aroclor -1016	ND(0.99)	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1221	ND(0.99)	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1232	ND(0.99)	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1242	ND(0.99)	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1248	ND(0.99)	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1254	ND(0.99)	ND(0.99)	ND(0.99)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1260	1.2	1.2	1.9	1.2	1	1.3
<i>Total VOCs (µg/kg)</i>						
1,1,1-Trichloroethane	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
Benzene	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-100900-SM-561</i>	<i>L-12636-100900-SM-562</i>	<i>L-12636-100900-SM-563</i>	<i>L-12636-100900-SM-564</i>	<i>L-12636-100900-SM-565</i>	<i>L-12636-100900-SM-566</i>
<i>Sample Location</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-
<i>Date Sampled</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
cis-1,2-Dichloroethene	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>						
1,1-Dichloroethylene	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--
Benzene	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>						
1,2,4-Trichlorobenzene	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--
2-Methyl naphthalene	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--
3&4-Methylphenol (p&m-Creso	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--

TABLE 3.2

**SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-100900-SM-561</i>	<i>L-12636-100900-SM-562</i>	<i>L-12636-100900-SM-563</i>	<i>L-12636-100900-SM-564</i>	<i>L-12636-100900-SM-565</i>	<i>L-12636-100900-SM-566</i>
<i>Sample Location</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-
<i>Date Sampled</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
4-Chloroaniline	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--	--
Dibenzofuran	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--
Phenol	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--
<i>TCLP SVOCs (mg/kg)</i>						
2,4,5-Trichlorophenol	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--
3&4-Methylphenol (p&m-Creso	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
 FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
 GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>L-12636-100900-SM-561</i>	<i>L-12636-100900-SM-562</i>	<i>L-12636-100900-SM-563</i>	<i>L-12636-100900-SM-564</i>	<i>L-12636-100900-SM-565</i>	<i>L-12636-100900-SM-566</i>
<i>Sample Location</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>	<i>Oil in circuit breakers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-
<i>Date Sampled</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>	<i>10/9/2000</i>
Nitrobenzene	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--

TABLE 3.2

SLUDGE AND OIL SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Notes:

--	Not analyzed.
NA	Not applicable.
NC	No criteria established.
ND (330)	Not detected at detection limit identified in parentheses.
RCRA	Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for determination of characteristically hazardous waste.
20x RCRA	Criteria is 20 times the TCLP criteria for characteristically hazardous waste as defined in RCRA, 40 CFR Part 261.
TSCA	Criteria (50 ppm) is taken from the definition for excluded PCB products - used oils in 40 CFR 761.3.
4070	Criteria from GM/USPCI Contract No. 4070, used for waste management.
3.7	Exceeds the primary screening criteria.
3.7	Exceeds the primary and secondary screening criteria.

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	L-12636-092399-MM-005			L-12636-092399-MM-007		L-12636-092399-MM-016		L12636-092499-MM028	
Sample Location	Powerhouse Basement Sump			Main Floor North East Compactor		Main floor East Compactor Area Sump		Basement Paint Room Sump	
Grid Coordinates	Primary Screening Criteria			Secondary Screening Criteria					
Date Sampled	9/23/1999			9/23/1999		9/23/1999		9/24/1999	
Total Metals (mg/L)									
Arsenic	100	20x RCRA	NC	--	--	--	--	--	--
Barium	2000	20x RCRA	NC	--	--	--	--	--	--
Cadmium	20	20x RCRA	NC	--	--	--	--	--	--
Chromium	100	20x RCRA	NC	--	--	--	--	--	--
Lead	100	20x RCRA	NC	--	--	--	--	--	--
Mercury	4	20x RCRA	NC	--	--	--	--	--	--
Selenium	20	20x RCRA	NC	--	--	--	--	--	--
Silver	100	20x RCRA	NC	--	--	--	--	--	--
TCLP Metals (mg/L)									
Arsenic	5	RCRA	NC	--	--	--	--	--	--
Barium	100	RCRA	NC	--	--	--	--	--	--
Cadmium	1	RCRA	NC	--	--	--	--	--	--
Chromium	5	RCRA	NC	--	--	--	--	--	--
Lead	5	RCRA	NC	--	--	--	--	--	--
Mercury	0.2	RCRA	NC	--	--	--	--	--	--
Selenium	1	RCRA	NC	--	--	--	--	--	--
Silver	5	RCRA	NC	--	--	--	--	--	--
PCBs (mg/L)									
Aroclor -1016	0.003	TSCA	NC	ND(0.0001)	ND(0.0001)	ND (2.5)	ND (0.38)		
Aroclor - 1221	0.003	TSCA	NC	ND(0.0001)	ND(0.0001)	ND (2.5)	ND (0.38)		
Aroclor - 1232	0.003	TSCA	NC	ND(0.0001)	ND(0.0001)	ND (2.5)	ND (0.38)		
Aroclor - 1242	0.003	TSCA	NC	ND(0.0001)	ND(0.0001)	ND (2.5)	ND (0.38)		
Aroclor - 1248	0.003	TSCA	NC	ND(0.0001)	ND(0.0001)	ND (2.5)	ND (0.38)		
Aroclor - 1254	0.003	TSCA	NC	0.0012	ND(0.0001)	ND (2.5)	ND (0.38)		
Aroclor - 1260	0.003	TSCA	NC	ND(0.0001)	ND(0.0001)	ND (2.5)	ND (0.38)		
Total VOCs (µg/L)									
1,1,1-Trichloroethane		NC	NC	ND (1.0)	ND (1.0)	--	--		
1,1,2,2-Tetrachloroethane		NC	NC	ND(1.0)	ND(1.0)	--	--		
1,1,2-Trichloroethane		NC	NC	ND (1.0)	ND (1.0)	--	--		
1,1-Dichloroethane		NC	NC	ND(1.0)	ND(1.0)	--	--		
1,1-Dichloroethylene	14	RCRA	NC	ND (1.0)	ND (1.0)	--	--		
1,2-Dichloroethane	10	RCRA	NC	ND(1.0)	ND(1.0)	--	--		
1,2-Dichloropropane		NC	NC	ND(1.0)	ND(1.0)	--	--		
2-Butanone		NC	NC	ND(5.0)	ND(5.0)	--	--		
2-Hexanone		NC	NC	ND(5.0)	ND(5.0)	--	--		
4-Methyl-2-pentanone		NC	NC	ND(5.0)	ND(5.0)	--	--		
Acetone		NC	NC	ND (25)	ND (25)	--	--		
Benzene	10	RCRA	NC	ND (1.0)	ND (1.0)	--	--		
Bromodichloromethane		NC	NC	ND(1.0)	ND(1.0)	--	--		
Bromoform		NC	NC	ND(1.0)	ND(1.0)	--	--		
Bromomethane		NC	NC	ND(5.0)	ND(5.0)	--	--		
Carbon disulfide		NC	NC	ND(5.0)	ND(5.0)	--	--		
Carbon tetrachloride	10	RCRA	NC	ND (1.0)	ND (1.0)	--	--		

TABLE 3.3

LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>L-12636-092399-MM-005</i>		<i>L-12636-092399-MM-007</i>	<i>L-12636-092399-MM-016</i>	<i>L12636-092499-MM028</i>
<i>Sample Location</i>	<i>Powerhouse</i>		<i>Main Floor</i>	<i>Main floor</i>	<i>Basement</i>
<i>Grid Coordinates</i>	<i>Basement Sump</i>		<i>North East Compactor</i>	<i>East Compactor Area Sump</i>	<i>Paint Room Sump</i>
<i>Date Sampled</i>	<i>-</i>		<i>-</i>	<i>-</i>	<i>-</i>
<i>Primary Screening Criteria</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/24/1999</i>
Chlorobenzene	2000 RCRA	NC	ND (1.0)	--	--
Chloroethane	NC	NC	ND(5.0)	--	--
Chloroform	120 RCRA	NC	ND(1.0)	--	--
Chloromethane	NC	NC	ND(5.0)	--	--
cis-1,2-Dichloroethene	NC	NC	ND (1.0)	--	--
cis-1,3-Dichloropropene	NC	NC	ND (1.0)	--	--
Dibromochloromethane	NC	NC	ND(1.0)	--	--
Ethylbenzene	NC	NC	ND (1.0)	--	--
Methylene chloride	NC	NC	ND(5.0)	--	--
o-Xylene	NC	NC	ND (1.0)	--	--
p&m-Xylene	NC	NC	ND(2.0)	--	--
Styrene	NC	NC	ND (1.0)	--	--
Tetrachloroethene	NC	NC	ND(1.0)	--	--
Toluene	NC	NC	ND (1.0)	--	--
trans-1,2-Dichloroethene	NC	NC	ND(1.0)	--	--
trans-1,3-Dichloropropene	NC	NC	ND (1.0)	--	--
Trichloroethene	10 RCRA	NC	ND (1.0)	--	--
Vinyl chloride	4 RCRA	NC	ND(5.0)	--	--
<i>TCLP VOCs (mg/L)</i>					
1,1-Dichloroethylene	0.7 RCRA	NC	--	--	ND (0.010)
1,2-Dichloroethane	0.5 RCRA	NC	--	--	ND (0.010)
1,4-Dichlorobenzene	7.5 RCRA	NC	--	--	ND (0.010)
Benzene	0.5 RCRA	NC	--	--	ND (0.010)
Carbon tetrachloride	0.5 RCRA	NC	--	--	ND (0.010)
Chlorobenzene	100 RCRA	NC	--	--	ND (0.010)
Chloroform	6 RCRA	NC	--	--	ND (0.010)
2-Butanone	200 RCRA	NC	--	--	ND (0.1)
Tetrachloroethene	0.7 RCRA	NC	--	--	ND (0.010)
Trichloroethene	0.5 RCRA	NC	--	--	ND (0.010)
Vinyl chloride	0.2 RCRA	NC	--	--	ND (0.010)
<i>Total SVOCs (µg/L)</i>					
1,2,4-Trichlorobenzene	NC	NC	ND(5.0)	--	--
1,2-Dichlorobenzene	NC	NC	ND(5.0)	--	--
1,2-Dichlorobenzene	NC	NC	ND(5.0)	--	--
1,4-Dichlorobenzene	150 20x RCRA	NC	ND(5.0)	--	--
2,4,5-Trichlorophenol	8000 20x RCRA	NC	ND(5.0)	--	--
2,4,6-Trichlorophenol	40 20x RCRA	NC	ND(5.0)	--	--
2,4-Dichlorophenol	NC	NC	ND(5.0)	--	--
2,4-Dimethylphenol	NC	NC	ND(5.0)	--	--
2,4-Dinitrophenol	NC	NC	ND(20)	--	--
2,4-Dinitrotoluene	2.6 20x RCRA	NC	ND(5.0)	--	--
2,6-Dinitrotoluene	NC	NC	ND(5.0)	--	--
2-Chloronaphthalene	NC	NC	ND(5.0)	--	--
2-Chlorophenol	NC	NC	ND(5.0)	--	--
2-Methyl naphthalene	NC	NC	ND(5.0)	--	--
2-Methyl-4,6-dinitrophenol	NC	NC	ND(20)	--	--

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>			<i>L-12636-092399-MM-005</i>	<i>L-12636-092399-MM-007</i>	<i>L-12636-092399-MM-016</i>	<i>L12636-092499-MM028</i>
<i>Sample Location</i>			<i>Powerhouse</i>	<i>Main Floor</i>	<i>Main floor</i>	<i>Basement</i>
			<i>Basement Sump</i>	<i>North East Compactor</i>	<i>East Compactor Area Sump</i>	<i>Paint Room Sump</i>
<i>Grid Coordinates</i>	<i>Primary</i>	<i>Secondary</i>	-	-	-	-
<i>Date Sampled</i>	<i>Screening</i>	<i>Screening</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/23/1999</i>	<i>9/24/1999</i>
	<i>Criteria</i>	<i>Criteria</i>				
2-Methylphenol (o-Cresol)	NC	NC	ND(5.0)	--	--	--
2-Nitroaniline	NC	NC	ND(20)	--	--	--
2-Nitrophenol	NC	NC	ND(5.0)	--	--	--
3&4-Methylphenol (p&m-Cresol)	NC	NC	ND(10)	--	--	--
3,3-Dichlorobenzidine	NC	NC	ND(20)	--	--	--
3-Nitroaniline	NC	NC	ND(20)	--	--	--
4-Bromophenyl-phenylether	NC	NC	ND(5.0)	--	--	--
4-Chloro-3-methylphenol	NC	NC	ND(5.0)	--	--	--
4-Chloroaniline	NC	NC	ND(20)	--	--	--
4-Chlorophenyl-phenylether	NC	NC	ND(5.0)	--	--	--
4-Nitroaniline	NC	NC	ND(20)	--	--	--
4-Nitrophenol	NC	NC	ND(20)	--	--	--
Acenaphthene	NC	NC	ND(5.0)	--	--	--
Acenaphthylene	NC	NC	ND(5.0)	--	--	--
Anthracene	NC	NC	ND(5.0)	--	--	--
Benzo(a)anthracene	NC	NC	ND(5.0)	--	--	--
Benzo[a]pyrene	NC	NC	ND(5.0)	--	--	--
Benzo[b]fluoranthene	NC	NC	ND(5.0)	--	--	--
Benzo[g,h,i]perylene	NC	NC	ND(5.0)	--	--	--
Benzo[k]fluoranthene	NC	NC	ND(5.0)	--	--	--
Bis(2-Chloroethoxy)methane	NC	NC	ND(5.0)	--	--	--
Bis(2-Chloroethyl)ether	NC	NC	ND(5.0)	--	--	--
Bis(2-Chloroisopropyl)ether	NC	NC	ND(5.0)	--	--	--
Bis(2-Ethylhexyl)phthalate	NC	NC	ND(5.0)	--	--	--
Butylbenzylphthalate	NC	NC	ND(5.0)	--	--	--
Carbazole	NC	NC	ND(5.0)	--	--	--
Chrysene	NC	NC	ND(5.0)	--	--	--
Di-n-butylphthalate	NC	NC	ND(5.0)	--	--	--
Di-n-Octylphthalate	NC	NC	ND(5.0)	--	--	--
Dibenzo[a,h]anthracene	NC	NC	ND(5.0)	--	--	--
Dibenzofuran	NC	NC	ND(5.0)	--	--	--
Diethylphthalate	NC	NC	ND(5.0)	--	--	--
Dimethylphthalate	NC	NC	ND(5.0)	--	--	--
Fluorene	NC	NC	ND(5.0)	--	--	--
Fluoranthene	NC	NC	ND(5.0)	--	--	--
Hexachlorobenzene	2.6 20x RCRA	NC	ND(5.0)	--	--	--
Hexachlorobutadiene	NC	NC	ND(5.0)	--	--	--
Hexachlorocyclopentadiene	NC	NC	ND(5.0)	--	--	--
Hexachloroethane	60 20x RCRA	NC	ND(5.0)	--	--	--
Indeno[1,2,3-c,d]pyrene	NC	NC	ND(5.0)	--	--	--
Isophorone	NC	NC	ND(5.0)	--	--	--
n-Nitroso-di-n-propylamine	NC	NC	ND(5.0)	--	--	--
n-Nitrosodiphenylamine	NC	NC	ND(5.0)	--	--	--
Naphthalene	NC	NC	ND(5.0)	--	--	--
Nitrobenzene	2 20x RCRA	NC	ND(5.0)	--	--	--
Pentachlorophenol	100 20x RCRA	NC	ND(5.0)	--	--	--
Phenanthrene	NC	NC	ND(5.0)	--	--	--
Phenol	NC	NC	ND(5.0)	--	--	--
Pyrene	NC	NC	ND(5.0)	--	--	--

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-092399-MM-005</i>		<i>L-12636-092399-MM-007</i>		<i>L-12636-092399-MM-016</i>		<i>L12636-092499-MM028</i>
<i>Sample Location</i>	<i>Powerhouse</i>		<i>Main Floor</i>		<i>Main floor</i>		<i>Basement</i>
<i>Grid Coordinates</i>	<i>Basement Sump</i>		<i>North East Compactor</i>		<i>East Compactor Area Sump</i>		<i>Paint Room Sump</i>
<i>Date Sampled</i>	<i>-</i>		<i>-</i>		<i>-</i>		<i>-</i>
<i>Primary Screening Criteria</i>	<i>9/23/1999</i>		<i>9/23/1999</i>		<i>9/23/1999</i>		<i>9/24/1999</i>
<i>Secondary Screening Criteria</i>	<i>-</i>		<i>-</i>		<i>-</i>		<i>-</i>
Pyridine	5	20x RCRA	NC	ND(5.0)	--	--	--
<i>TCLP SVOCs (µg/L)</i>							
2,4,5-Trichlorophenol	400	RCRA	NC	--	--	--	--
2,4,6-Trichlorophenol	2	RCRA	NC	--	--	--	--
2,4-Dinitrotoluene	0.13	RCRA	NC	--	--	--	--
2-Methylphenol	NC		NC	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	NC		NC	--	--	--	--
Hexachlorobenzene	0.13	RCRA	NC	--	--	--	--
Hexachlorobutadiene	0.5	RCRA	NC	--	--	--	--
Hexachloroethane	3	RCRA	NC	--	--	--	--
Nitrobenzene	2	RCRA	NC	--	--	--	--
Pentachlorophenol	100	RCRA	NC	--	--	--	--
Pyridine	5	RCRA	NC	--	--	--	--

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-101899-SM-104</i>	<i>L-12636-101299-SM109</i>	<i>L-12636-101899-SM-154</i>	<i>L-12636-113099-MM-173</i>	<i>L-12636-120399-MM-178</i>
<i>Sample Location</i>	<i>Building 63 South</i>	<i>Basement</i>	<i>Powerhouse</i>	<i>Die washer</i>	<i>Substation number 3</i>
<i>Grid Coordinates</i>	<i>Exterior Paint Tank</i>	<i>Elevator Sump</i>	<i>Basement Sump</i>	<i>sump</i>	<i>Main feed switch</i>
<i>Date Sampled</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>D17</i>
	<i>10/18/1999</i>	<i>10/12/1999</i>	<i>10/18/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>
<i>Total Metals (mg/L)</i>					
Arsenic	--	--	--	--	--
Barium	--	--	--	--	--
Cadmium	--	--	--	--	--
Chromium	--	--	--	--	--
Lead	--	--	--	--	0.12
Mercury	--	--	--	--	--
Selenium	--	--	--	--	--
Silver	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>					
Arsenic	--	--	--	ND(0.02)	--
Barium	--	--	--	0.19	--
Cadmium	--	--	--	ND(0.005)	--
Chromium	--	--	--	ND(0.05)	--
Lead	--	--	--	ND(0.02)	--
Mercury	--	--	--	ND(0.0002)	--
Selenium	--	--	--	0.033	--
Silver	--	--	--	ND(0.01)	--
<i>PCBs (mg/L)</i>					
Aroclor -1016	--	ND(0.98)	ND(0.0001)	--	--
Aroclor - 1221	--	ND(0.98)	ND(0.0001)	--	--
Aroclor - 1232	--	ND(0.98)	ND(0.0001)	--	--
Aroclor - 1242	--	ND(0.98)	ND(0.0001)	--	--
Aroclor - 1248	--	ND(0.98)	ND(0.0001)	--	--
Aroclor - 1254	--	ND(0.98)	ND(0.0001)	--	--
Aroclor - 1260	--	ND(0.98)	ND(0.0001)	--	--
<i>Total VOCs (µg/L)</i>					
1,1,1-Trichloroethane	ND(1.0)	--	ND (1.0)	ND (1.0)	--
1,1,2,2-Tetrachloroethane	ND(1.0)	--	ND(1.0)	ND(1.0)	--
1,1,2-Trichloroethane	ND(1.0)	--	ND (1.0)	ND (1.0)	--
1,1-Dichloroethane	ND(1.0)	--	ND(1.0)	ND(1.0)	--
1,1-Dichloroethylene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
1,2-Dichloroethane	ND(1.0)	--	ND(1.0)	ND(1.0)	--
1,2-Dichloropropane	ND(1.0)	--	ND(1.0)	ND(1.0)	--
2-Butanone	ND(5.0)	--	ND(5.0)	ND(5.0)	--
2-Hexanone	ND(5.0)	--	ND(5.0)	ND(5.0)	--
4-Methyl-2-pentanone	ND(5.0)	--	ND(5.0)	ND(5.0)	--
Acetone	ND (25)	--	ND (25)	ND (25)	--
Benzene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
Bromodichloromethane	ND(1.0)	--	ND(1.0)	ND(1.0)	--
Bromoform	ND(1.0)	--	ND(1.0)	ND(1.0)	--
Bromomethane	ND(5.0)	--	ND(5.0)	ND(5.0)	--
Carbon disulfide	ND(5.0)	--	ND(5.0)	ND(5.0)	--
Carbon tetrachloride	ND(1.0)	--	ND (1.0)	ND (1.0)	--

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-101899-SM-104</i>	<i>L-12636-101299-SM109</i>	<i>L-12636-101899-SM-154</i>	<i>L-12636-113099-MM-173</i>	<i>L-12636-120399-MM-178</i>
<i>Sample Location</i>	<i>Building 63 South</i>	<i>Basement</i>	<i>Powerhouse</i>	<i>Die washer</i>	<i>Substation number 3</i>
<i>Grid Coordinates</i>	<i>Exterior Paint Tank</i>	<i>Elevator Sump</i>	<i>Basement Sump</i>	<i>sump</i>	<i>Main feed switch</i>
<i>Date Sampled</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>D17</i>
	<i>10/18/1999</i>	<i>10/12/1999</i>	<i>10/18/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>
Chlorobenzene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
Chloroethane	ND(5.0)	--	ND(5.0)	ND(5.0)	--
Chloroform	ND(1.0)	--	ND(1.0)	ND(1.0)	--
Chloromethane	ND(5.0)	--	ND(5.0)	ND(5.0)	--
cis-1,2-Dichloroethene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
cis-1,3-Dichloropropene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
Dibromochloromethane	ND(1.0)	--	ND(1.0)	ND(1.0)	--
Ethylbenzene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
Methylene chloride	ND(5.0)	--	ND(5.0)	ND(5.0)	--
o-Xylene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
p&m-Xylene	ND(2.0)	--	ND(2.0)	ND(2.0)	--
Styrene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
Tetrachloroethene	ND(1.0)	--	ND(1.0)	ND(1.0)	--
Toluene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
trans-1,2-Dichloroethene	ND(1.0)	--	ND(1.0)	ND(1.0)	--
trans-1,3-Dichloropropene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
Trichloroethene	ND(1.0)	--	ND (1.0)	ND (1.0)	--
Vinyl chloride	ND(5.0)	--	ND(5.0)	ND(5.0)	--
<i>TCLP VOCs (mg/L)</i>					
1,1-Dichloroethylene	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--
Benzene	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--
Chlorobenzene	--	--	--	--	--
Chloroform	--	--	--	--	--
2-Butanone	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--
Trichloroethene	--	--	--	--	--
Vinyl chloride	--	--	--	--	--
<i>Total SVOCs (µg/L)</i>					
1,2,4-Trichlorobenzene	--	--	ND(5.0)	--	--
1,2-Dichlorobenzene	--	--	ND(5.0)	--	--
1,2-Dichlorobenzene	--	--	ND(5.0)	--	--
1,4-Dichlorobenzene	--	--	ND(5.0)	--	--
2,4,5-Trichlorophenol	--	--	ND(5.0)	--	--
2,4,6-Trichlorophenol	--	--	ND(5.0)	--	--
2,4-Dichlorophenol	--	--	ND(5.0)	--	--
2,4-Dimethylphenol	--	--	ND(5.0)	--	--
2,4-Dinitrophenol	--	--	ND(20)	--	--
2,4-Dinitrotoluene	--	--	ND(5.0)	--	--
2,6-Dinitrotoluene	--	--	ND(5.0)	--	--
2-Chloronaphthalene	--	--	ND(5.0)	--	--
2-Chlorophenol	--	--	ND(5.0)	--	--
2-Methyl naphthalene	--	--	ND(5.0)	--	--
2-Methyl-4,6-dinitrophenol	--	--	ND(20)	--	--

TABLE 3.3

LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	L-12636-101899-SM-104	L-12636-101299-SM109	L-12636-101899-SM-154	L-12636-113099-MM-173	L-12636-120399-MM-178
Sample Location	Building 63 South	Basement	Powerhouse	Die washer	Substation number 3
Grid Coordinates	Exterior Paint Tank	Elevator Sump	Basement Sump	sump	Main feed switch
Date Sampled	-	-	-	-	D17
	10/18/1999	10/12/1999	10/18/1999	11/30/1999	11/30/1999
2-Methylphenol (o-Cresol)	--	--	ND(5.0)		--
2-Nitroaniline	--	--	ND(20)		--
2-Nitrophenol	--	--	ND(5.0)		--
3&4-Methylphenol (p&m-Cresol)	--	--	ND(10)		--
3,3-Dichlorobenzidine	--	--	ND(20)		--
3-Nitroaniline	--	--	ND(20)		--
4-Bromophenyl-phenylether	--	--	ND(5.0)		--
4-Chloro-3-methylphenol	--	--	ND(5.0)		--
4-Chloroaniline	--	--	ND(20)		--
4-Chlorophenyl-phenylether	--	--	ND(5.0)		--
4-Nitroaniline	--	--	ND(20)		--
4-Nitrophenol	--	--	ND(20)		--
Acenaphthene	--	--	ND(5.0)		--
Acenaphthylene	--	--	ND(5.0)		--
Anthracene	--	--	ND(5.0)		--
Benzo(a)anthracene	--	--	ND(5.0)		--
Benzo[a]pyrene	--	--	ND(5.0)		--
Benzo[b]fluoranthene	--	--	ND(5.0)		--
Benzo[g,h,i]perylene	--	--	ND(5.0)		--
Benzo[k]fluoranthene	--	--	ND(5.0)		--
Bis(2-Chloroethoxy)methane	--	--	ND(5.0)		--
Bis(2-Chloroethyl)ether	--	--	ND(5.0)		--
Bis(2-Chloroisopropyl)ether	--	--	ND(5.0)		--
Bis(2-Ethylhexyl)phthalate	--	--	ND(5.0)		--
Butylbenzylphthalate	--	--	ND(5.0)		--
Carbazole	--	--	ND(5.0)		--
Chrysene	--	--	ND(5.0)		--
Di-n-butylphthalate	--	--	ND(5.0)		--
Di-n-Octylphthalate	--	--	ND(5.0)		--
Dibenzo[a,h]anthracene	--	--	ND(5.0)		--
Dibenzofuran	--	--	ND(5.0)		--
Diethylphthalate	--	--	ND(5.0)		--
Dimethylphthalate	--	--	ND(5.0)		--
Fluorene	--	--	ND(5.0)		--
Fluoranthene	--	--	ND(5.0)		--
Hexachlorobenzene	--	--	ND(5.0)		--
Hexachlorobutadiene	--	--	ND(5.0)		--
Hexachlorocyclopentadiene	--	--	ND(5.0)		--
Hexachloroethane	--	--	ND(5.0)		--
Indeno[1,2,3-c,d]pyrene	--	--	ND(5.0)		--
Isophorone	--	--	ND(5.0)		--
n-Nitroso-di-n-propylamine	--	--	ND(5.0)		--
n-Nitrosodiphenylamine	--	--	ND(5.0)		--
Naphthalene	--	--	ND(5.0)		--
Nitrobenzene	--	--	ND(5.0)		--
Pentachlorophenol	--	--	ND(5.0)		--
Phenanthrene	--	--	ND(5.0)		--
Phenol	--	--	ND(5.0)		--
Pyrene	--	--	ND(5.0)		--

TABLE 3.3

LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>L-12636-101899-SM-104</i>	<i>L-12636-101299-SM109</i>	<i>L-12636-101899-SM-154</i>	<i>L-12636-113099-MM-173</i>	<i>L-12636-120399-MM-178</i>
<i>Sample Location</i>	<i>Building 63 South</i>	<i>Basement</i>	<i>Powerhouse</i>	<i>Die washer</i>	<i>Substation number 3</i>
<i>Grid Coordinates</i>	<i>Exterior Paint Tank</i>	<i>Elevator Sump</i>	<i>Basement Sump</i>	<i>sump</i>	<i>Main feed switch</i>
<i>Date Sampled</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>D17</i>
	<i>10/18/1999</i>	<i>10/12/1999</i>	<i>10/18/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>
Pyridine	--	--	ND(5.0)		--
<i>TCLP SVOCs (µg/L)</i>					
2,4,5-Trichlorophenol	--	--	--		--
2,4,6-Trichlorophenol	--	--	--		--
2,4-Dinitrotoluene	--	--	--		--
2-Methylphenol	--	--	--		--
3&4-Methylphenol (p&m-Cresol)	--	--	--		--
Hexachlorobenzene	--	--	--		--
Hexachlorobutadiene	--	--	--		--
Hexachloroethane	--	--	--		--
Nitrobenzene	--	--	--		--
Pentachlorophenol	--	--	--		--
Pyridine	--	--	--		--

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-120399-MM-179</i>	<i>L-12636-121699-MM-211</i>	<i>L-12636-121799-MM-212</i>	<i>L-12636-121699-MM-213</i>	<i>W-12636-062600-CK-463</i>	<i>W-12636-071100-CK-477</i>
<i>Sample Location</i>	<i>Substation number 3</i>	<i>Vault Below Floor</i>	<i>North Sump</i>	<i>Vault below floor</i>	<i>Wastewater sample</i>	<i>Building 63</i>
<i>Grid Coordinates</i>	<i>Main feed trench</i>					<i>Water in sump</i>
<i>Date Sampled</i>	<i>D17</i>	<i>J5</i>	<i>C38</i>	<i>E33</i>	<i>-</i>	<i>-</i>
	<i>11/30/1999</i>	<i>12/16/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>6/26/2000</i>	<i>7/11/2000</i>
Total Metals (mg/L)						
Arsenic	--	--	ND(0.02)	--	0.0085	--
Barium	--	--	0.043	--	0.67	--
Cadmium	--	--	0.0017	--	0.013	--
Chromium	--	--	0.011	--	0.47	--
Lead	22	--	0.033	1.1	0.21	--
Mercury	--	--	ND (0.0002)	--	310	--
Selenium	--	--	ND(0.002)	--	ND(0.02)	--
Silver	--	--	ND(0.0005)	--	0.0021	--
TCLP Metals (mg/L)						
Arsenic	--	--	--	--	--	ND(0.05)
Barium	--	--	--	--	--	1.1
Cadmium	--	--	--	--	--	ND(0.01)
Chromium	--	--	--	--	--	ND(0.1)
Lead	--	1.8	--	--	--	0.45
Mercury	--	--	--	--	--	82
Selenium	--	--	--	--	--	ND(0.2)
Silver	--	--	--	--	--	0.18
PCBs (mg/L)						
Aroclor -1016	--	ND(0.8)	ND(0.2)	ND(2.6)	ND(0.00011)	--
Aroclor - 1221	--	ND(0.8)	ND(0.2)	ND(2.6)	ND(0.00011)	--
Aroclor - 1232	--	ND(0.8)	ND(0.2)	ND(2.6)	ND(0.00011)	--
Aroclor - 1242	--	ND(0.8)	ND(0.2)	ND(2.6)	ND(0.00011)	--
Aroclor - 1248	--	ND(0.8)	ND(0.2)	ND(2.6)	ND(0.00011)	--
Aroclor - 1254	--	ND(0.8)	ND(0.2)	ND(2.6)	ND(0.00011)	--
Aroclor - 1260	--	ND(0.8)	ND(0.2)	ND(2.6)	ND(0.00011)	--
Total VOCs (µg/L)						
1,1,1-Trichloroethane	--	--	--	--	ND(250)	ND (1.0)
1,1,2,2-Tetrachloroethane	--	--	--	--	ND(250)	ND(1.0)
1,1,2-Trichloroethane	--	--	--	--	ND(250)	ND (1.0)
1,1-Dichloroethane	--	--	--	--	ND(250)	ND(1.0)
1,1-Dichloroethylene	--	--	--	--	ND(250)	ND (1.0)
1,2-Dichloroethane	--	--	--	--	ND(250)	ND(1.0)
1,2-Dichloropropane	--	--	--	--	ND(250)	ND(1.0)
2-Butanone	--	--	--	--	ND(1300)	ND(5.0)
2-Hexanone	--	--	--	--	ND(1300)	ND(5.0)
4-Methyl-2-pentanone	--	--	--	--	ND(1300)	ND(5.0)
Acetone	--	--	--	--	ND(6300)	ND (25)
Benzene	--	--	--	--	ND(250)	ND (1.0)
Bromodichloromethane	--	--	--	--	ND(250)	ND(1.0)
Bromoform	--	--	--	--	ND(250)	ND(1.0)
Bromomethane	--	--	--	--	ND(1300)	ND(5.0)
Carbon disulfide	--	--	--	--	ND(1300)	ND(5.0)
Carbon tetrachloride	--	--	--	--	ND(250)	ND (1.0)

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-120399-MM-179</i>	<i>L-12636-121699-MM-211</i>	<i>L-12636-121799-MM-212</i>	<i>L-12636-121699-MM-213</i>	<i>W-12636-062600-CK-463</i>	<i>W-12636-071100-CK-477</i>
<i>Sample Location</i>	<i>Substation number 3</i>	<i>Vault Below Floor</i>	<i>North Sump</i>	<i>Vault below floor</i>	<i>Wastewater sample</i>	<i>Building 63</i>
<i>Grid Coordinates</i>	<i>Main feed trench</i>					<i>Water in sump</i>
<i>Date Sampled</i>	<i>D17</i>	<i>J5</i>	<i>C38</i>	<i>E33</i>	<i>-</i>	<i>-</i>
	<i>11/30/1999</i>	<i>12/16/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>6/26/2000</i>	<i>7/11/2000</i>
Chlorobenzene	--	--	--	--	ND(250)	ND (1.0)
Chloroethane	--	--	--	--	ND(1300)	ND(5.0)
Chloroform	--	--	--	--	ND(250)	ND(1.0)
Chloromethane	--	--	--	--	ND(1300)	ND(5.0)
cis-1,2-Dichloroethene	--	--	--	--	ND(250)	ND (1.0)
cis-1,3-Dichloropropene	--	--	--	--	ND(250)	ND (1.0)
Dibromochloromethane	--	--	--	--	ND(250)	ND(1.0)
Ethylbenzene	--	--	--	--	ND(250)	ND (1.0)
Methylene chloride	--	--	--	--	ND(1300)	ND(5.0)
o-Xylene	--	--	--	--	ND(250)	ND (1.0)
p&m-Xylene	--	--	--	--	ND(250)	ND(2.0)
Styrene	--	--	--	--	ND(250)	ND (1.0)
Tetrachloroethene	--	--	--	--	ND(250)	ND(1.0)
Toluene	--	--	--	--	ND(250)	ND (1.0)
trans-1,2-Dichloroethene	--	--	--	--	ND(250)	ND(1.0)
trans-1,3-Dichloropropene	--	--	--	--	ND(250)	ND (1.0)
Trichloroethene	--	--	--	--	ND(250)	ND (1.0)
Vinyl chloride	--	--	--	--	ND(1300)	ND(5.0)
<i>TCLP VOCs (mg/L)</i>						
1,1-Dichloroethylene	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--
Benzene	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
<i>Total SVOCs (ug/L)</i>						
1,2,4-Trichlorobenzene	--	--	ND(50)	--	ND(13000)	--
1,2-Dichlorobenzene	--	--	ND(50)	--	ND(13000)	--
1,2-Dichlorobenzene	--	--	ND(50)	--	ND(50000)	--
1,4-Dichlorobenzene	--	--	ND(50)	--	ND(13000)	--
2,4,5-Trichlorophenol	--	--	ND(50)	--	ND(50000)	--
2,4,6-Trichlorophenol	--	--	ND(50)	--	ND(13000)	--
2,4-Dichlorophenol	--	--	ND(50)	--	ND(25000)	--
2,4-Dimethylphenol	--	--	ND(50)	--	ND(50000)	--
2,4-Dinitrophenol	--	--	ND(200)	--	ND(50000)	--
2,4-Dinitrotoluene	--	--	ND(50)	--	ND(13000)	--
2,6-Dinitrotoluene	--	--	ND(50)	--	ND(13000)	--
2-Chloronaphthalene	--	--	ND(50)	--	ND(50000)	--
2-Chlorophenol	--	--	ND(50)	--	ND(13000)	--
2-Methyl naphthalene	--	--	ND(50)	--	ND(50000)	--
2-Methyl-4,6-dinitrophenol	--	--	ND(200)	--	ND(50000)	--

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-120399-MM-179</i>	<i>L-12636-121699-MM-211</i>	<i>L-12636-121799-MM-212</i>	<i>L-12636-121699-MM-213</i>	<i>W-12636-062600-CK-463</i>	<i>W-12636-071100-CK-477</i>
<i>Sample Location</i>	<i>Substation number 3</i>	<i>Vault Below Floor</i>	<i>North Sump</i>	<i>Vault below floor</i>	<i>Wastewater sample</i>	<i>Building 63</i>
<i>Grid Coordinates</i>	<i>Main feed trench</i>					<i>Water in sump</i>
<i>Date Sampled</i>	<i>D17</i>	<i>J5</i>	<i>C38</i>	<i>E33</i>	<i>-</i>	<i>-</i>
	<i>11/30/1999</i>	<i>12/16/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>6/26/2000</i>	<i>7/11/2000</i>
2-Methylphenol (o-Cresol)	--	--	ND(50)	--	ND(13000)	--
2-Nitroaniline	--	--	ND(200)	--	ND(13000)	--
2-Nitrophenol	--	--	ND(50)	--	ND(13000)	--
3&4-Methylphenol (p&m-Cresol)	--	--	ND(100)	--	ND(13000)	--
3,3-Dichlorobenzidine	--	--	ND(200)	--	ND(13000)	--
3-Nitroaniline	--	--	ND(200)	--	ND(13000)	--
4-Bromophenyl-phenylether	--	--	ND(50)	--	ND(13000)	--
4-Chloro-3-methylphenol	--	--	ND(50)	--	ND(13000)	--
4-Chloroaniline	--	--	ND(200)	--	ND(13000)	--
4-Chlorophenyl-phenylether	--	--	ND(50)	--	ND(13000)	--
4-Nitroaniline	--	--	ND(200)	--	ND(13000)	--
4-Nitrophenol	--	--	ND(200)	--	ND(13000)	--
Acenaphthene	--	--	ND(50)	--	ND(13000)	--
Acenaphthylene	--	--	ND(50)	--	ND(13000)	--
Anthracene	--	--	ND(50)	--	ND(13000)	--
Benzo(a)anthracene	--	--	ND(50)	--	ND(13000)	--
Benzo[a]pyrene	--	--	ND(50)	--	ND(13000)	--
Benzo[b]fluoranthene	--	--	ND(50)	--	ND(13000)	--
Benzo[g,h,i]perylene	--	--	ND(50)	--	ND(13000)	--
Benzo[k]fluoranthene	--	--	ND(50)	--	ND(13000)	--
Bis(2-Chloroethoxy)methane	--	--	ND(50)	--	ND(13000)	--
Bis(2-Chloroethyl)ether	--	--	ND(50)	--	ND(13000)	--
Bis(2-Chloroisopropyl)ether	--	--	ND(50)	--	ND(13000)	--
Bis(2-Ethylhexyl)phthalate	--	--	ND(50)	--	ND(13000)	--
Butylbenzylphthalate	--	--	ND(50)	--	ND(13000)	--
Carbazole	--	--	ND(50)	--	ND(13000)	--
Chrysene	--	--	ND(50)	--	ND(13000)	--
Di-n-butylphthalate	--	--	ND(50)	--	ND(13000)	--
Di-n-Octylphthalate	--	--	ND(50)	--	ND(13000)	--
Dibenzo[a,h]anthracene	--	--	ND(50)	--	ND(13000)	--
Dibenzofuran	--	--	ND(50)	--	ND(13000)	--
Diethylphthalate	--	--	ND(50)	--	ND(13000)	--
Dimethylphthalate	--	--	ND(50)	--	ND(13000)	--
Fluorene	--	--	ND(50)	--	ND(13000)	--
Fluoranthene	--	--	ND(50)	--	ND(13000)	--
Hexachlorobenzene	--	--	ND(50)	--	ND(13000)	--
Hexachlorobutadiene	--	--	ND(50)	--	ND(13000)	--
Hexachlorocyclopentadiene	--	--	ND(50)	--	ND(13000)	--
Hexachloroethane	--	--	ND(50)	--	ND(13000)	--
Indeno[1,2,3-c,d]pyrene	--	--	ND(50)	--	ND(13000)	--
Isophorone	--	--	ND(50)	--	ND(13000)	--
n-Nitroso-di-n-propylamine	--	--	ND(50)	--	ND(13000)	--
n-Nitrosodiphenylamine	--	--	ND(50)	--	ND(13000)	--
Naphthalene	--	--	ND(50)	--	ND(13000)	--
Nitrobenzene	--	--	ND(50)	--	ND(13000)	--
Pentachlorophenol	--	--	ND(50)	--	ND(13000)	--
Phenanthrene	--	--	ND(50)	--	ND(13000)	--
Phenol	--	--	ND(50)	--	ND(13000)	--
Pyrene	--	--	ND(50)	--	ND(13000)	--

TABLE 3.3

**LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-120399-MM-179</i>	<i>L-12636-121699-MM-211</i>	<i>L-12636-121799-MM-212</i>	<i>L-12636-121699-MM-213</i>	<i>W-12636-062600-CK-463</i>	<i>W-12636-071100-CK-477</i>
<i>Sample Location</i>	<i>Substation number 3</i>	<i>Vault Below Floor</i>	<i>North Sump</i>	<i>Vault below floor</i>	<i>Wastewater sample</i>	<i>Building 63</i>
<i>Grid Coordinates</i>	<i>D17</i>	<i>J5</i>	<i>C38</i>	<i>E33</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>11/30/1999</i>	<i>12/16/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>6/26/2000</i>	<i>7/11/2000</i>
Pyridine	--	--	--	--	ND(13000)	--
<i>TCLP SVOCs (µg/L)</i>						
2,4,5-Trichlorophenol	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--

TABLE 3.3
LIQUID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Notes:

--	Not analyzed.
NC	No criteria established.
ND (330)	Not detected at detection limit identified in parentheses.
RCRA	Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for determination of characteristically hazardous waste.
20x RCRA	Criteria is 20 times the TCLP criteria for characteristically hazardous waste as defined in RCRA, 40 CFR Part 261.
TSCA	Criteria is derived from the TSCA threshold for discharges to navigable waterways.
4070	Criteria from GM/USPCI Contract No. 4070.

3.7	Exceeds the primary screening criteria.
-----	---

3.7	Exceeds the primary and secondary criteria.
-----	---

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID					FB-061099-12636-KMB-013	WB-12636-101499-SM-120	WB-12636-101499-SM-121	WB-12636-101499-SM-122	WB-12636-101499-SM-123	WB-12636-101499-SM-124
Sample Location	Primary Screening Criteria		Secondary Screening Criteria		Wood Floor Block 37C	Southeast Trench Area Wood Floor Block Q2	Southeast Trench Area Wood Floor Block P3	Southeast Trench Area Wood Floor Block Q4	Southeast Trench Area Wood Floor Block N6	Southeast Trench Area Wood Floor Block P4
Grid Coordinates					6/10/1999	10/14/1999	10/14/1999	10/14/1999	10/14/1999	10/14/1999
Date Sampled										
Asbestos	ACM>1%	AHERA	NC		--	--	--	--	--	--
Metals (mg/kg)										
Arsenic	100	20x RCRA	NC		--	0.62	0.32	1.3	0.5	0.56
Barium	2000	20x RCRA	NC		--	27	330	200	110	100
Cadmium	20	20x RCRA	NC		--	0.92	0.68	1.8	1.4	2.4
Chromium	100	20x RCRA	NC		--	68	2.7	80	15	6
Lead	100	20x RCRA	NC		--	0.048	9.9	0.044	78	24
Mercury	4	20x RCRA	NC		--	3.7	0.027	0.028	ND (0.02)	ND (0.02)
Selenium	20	20x RCRA	NC		--	0.14	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Silver	100	20x RCRA	NC		--	0.40	0.20	3.1	0.65	1.4
TCLP Metals (mg/L)										
Arsenic	5	RCRA	0.5	4070	ND(0.2)	--	--	--	--	--
Barium	100	RCRA	10	4070	ND(1.0)	--	--	--	--	--
Cadmium	1	RCRA	0.1	4070	0.12	--	--	--	--	--
Chromium	5	RCRA	0.5	4070	ND(0.02)	--	--	--	--	--
Lead	5	RCRA	0.5	4070	ND(0.1)	--	--	--	--	--
Mercury	0.2	RCRA	0.02	4070	ND(0.0002)	--	--	--	--	--
Selenium	1	RCRA	0.1	4070	ND(0.2)	--	--	--	--	--
Silver	5	RCRA	0.5	4070	ND(0.02)	--	--	--	--	--
PCBs (mg/kg)										
Aroclor -1016	10	TSCA	2	4070	ND(0.99)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.4)
Aroclor - 1221	10	TSCA	2	4070	ND(2.01)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.4)
Aroclor - 1232	10	TSCA	2	4070	ND(0.99)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.4)
Aroclor - 1242	10	TSCA	2	4070	ND(0.99)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.4)
Aroclor - 1248	10	TSCA	2	4070	ND(0.99)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.4)
Aroclor - 1254	10	TSCA	2	4070	ND(0.99)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.4)
Aroclor - 1260	10	TSCA	2	4070	ND(0.99)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.24
SVOCs (mg/kg)										
1,2,4-Trichlorobenzene	NC		NC		--	--	--	--	--	--
1,2-Dichlorobenzene	NC		NC		--	--	--	--	--	--
1,2-Dichlorobenzene	NC		NC		--	--	--	--	--	--
1,4-Dichlorobenzene	150	RCRA	NC		--	--	--	--	--	--
2,4,5-Trichlorophenol	8,000	RCRA	NC		--	--	--	--	--	--
2,4,6-Trichlorophenol	40	RCRA	NC		--	--	--	--	--	--
2,4-Dichlorophenol	NC		NC		--	--	--	--	--	--
2,4-Dimethylphenol	NC		NC		--	--	--	--	--	--
2,4-Dinitrophenol	NC		NC		--	--	--	--	--	--
2,4-Dinitrotoluene	2.6	RCRA	NC		--	--	--	--	--	--
2,6-Dinitrotoluene	NC		NC		--	--	--	--	--	--
2-Chloronaphthalene	NC		NC		--	--	--	--	--	--
2-Chlorophenol	NC		NC		--	--	--	--	--	--
2-Methyl naphthalene	NC		NC		--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	NC		NC		--	--	--	--	--	--

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>			<i>FB-061099-12636-KMB-013</i>	<i>WB-12636-101499-SM-120</i>	<i>WB-12636-101499-SM-121</i>	<i>WB-12636-101499-SM-122</i>	<i>WB-12636-101499-SM-123</i>	<i>WB-12636-101499-SM-124</i>
<i>Sample Location</i>	<i>Primary</i>	<i>Secondary</i>	<i>Wood</i>	<i>Southeast Trench Area</i>	<i>Southeast Trench Area</i>	<i>Southeast Trench Area</i>	<i>Southeast Trench Area</i>	<i>Southeast Trench Area</i>
<i>Grid Coordinates</i>	<i>Screening</i>	<i>Screening</i>	<i>Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>
<i>Date Sampled</i>	<i>Criteria</i>	<i>Criteria</i>	<i>37C</i>	<i>Q2</i>	<i>P3</i>	<i>Q4</i>	<i>N6</i>	<i>P4</i>
			<i>6/10/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>
2-Methylphenol (o-Cresol)	NC	NC	--	--	--	--	--	--
2-Nitroaniline	NC	NC	--	--	--	--	--	--
2-Nitrophenol	NC	NC	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cres	NC	NC	--	--	--	--	--	--
3,3-Dichlorobenzidine	NC	NC	--	--	--	--	--	--
3-Nitroaniline	NC	NC	--	--	--	--	--	--
4-Bromophenyl-phenylether	NC	NC	--	--	--	--	--	--
4-Chloro-3-methylphenol	NC	NC	--	--	--	--	--	--
4-Chloroaniline	NC	NC	--	--	--	--	--	--
4-Chlorophenyl-phenylether	NC	NC	--	--	--	--	--	--
4-Nitroaniline	NC	NC	--	--	--	--	--	--
4-Nitrophenol	NC	NC	--	--	--	--	--	--
Acenaphthene	NC	NC	--	--	--	--	--	--
Acenaphthylene	NC	NC	--	--	--	--	--	--
Anthracene	NC	NC	--	--	--	--	--	--
Benzo(a)anthracene	NC	NC	--	--	--	--	--	--
Benzo[a]pyrene	NC	NC	--	--	--	--	--	--
Benzo[b]fluoranthene	NC	NC	--	--	--	--	--	--
Benzo[g,h,i]perylene	NC	NC	--	--	--	--	--	--
Benzo[k]fluoranthene	NC	NC	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	NC	NC	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	NC	NC	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	NC	NC	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	NC	NC	--	--	--	--	--	--
Butylbenzylphthalate	NC	NC	--	--	--	--	--	--
Carbazole	NC	NC	--	--	--	--	--	--
Chrysene	NC	NC	--	--	--	--	--	--
Di-n-butylphthalate	NC	NC	--	--	--	--	--	--
Di-n-Octylphthalate	NC	NC	--	--	--	--	--	--
Dibenzo[a,h]anthracene	NC	NC	--	--	--	--	--	--
Dibenzofuran	NC	NC	--	--	--	--	--	--
Diethylphthalate	NC	NC	--	--	--	--	--	--
Dimethylphthalate	NC	NC	--	--	--	--	--	--
Fluorene	NC	NC	--	--	--	--	--	--
Fluoranthene	NC	NC	--	--	--	--	--	--
Hexachlorobenzene	2.6 RCRA	NC	--	--	--	--	--	--
Hexachlorobutadiene	NC	NC	--	--	--	--	--	--
Hexachlorocyclopentadiene	NC	NC	--	--	--	--	--	--
Hexachloroethane	60 RCRA	NC	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	NC	NC	--	--	--	--	--	--
Isophorone	NC	NC	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	NC	NC	--	--	--	--	--	--
n-Nitrosodiphenylamine	NC	NC	--	--	--	--	--	--
Naphthalene	NC	NC	--	--	--	--	--	--
Nitrobenzene	40 RCRA	NC	--	--	--	--	--	--
Pentachlorophenol	2,000 RCRA	NC	--	--	--	--	--	--
Phenanthrene	NC	NC	--	--	--	--	--	--
Phenol	NC	NC	--	--	--	--	--	--
Pyrene	NC	NC	--	--	--	--	--	--
Pyridine	100 RCRA	NC	--	--	--	--	--	--

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>WB-12636-101499-SM-125</i>	<i>WB-12636-101499-SM-126</i>	<i>WB-12636-101499-SM-127</i>	<i>WB-12636-101499-SM-128</i>	<i>WB-12636-101499-SM-129</i>	<i>WB-12636-101499-SM-130</i>	<i>WB-12636-101499-SM-131</i>
<i>Sample Location</i>	<i>Southeast Trench Area</i>	<i>Southeast Trench Area</i>	<i>Southeast Trench Area</i>	<i>Wood</i>	<i>Wood</i>	<i>Wood</i>	<i>Wood</i>
<i>Grid Coordinates</i>	<i>Q3</i>	<i>O5</i>	<i>R5</i>	<i>Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>
<i>Date Sampled</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>K36</i>	<i>D37</i>	<i>B28</i>	<i>G27</i>
<i>Date Sampled</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>
Asbestos	--	--	--	--	--	--	--
<i>Metals (mg/kg)</i>							
Arsenic	0.62	1.3	2.0	3.7	1.4	1.7	0.5
Barium	33	150	15	66	25	11	22
Cadmium	0.9	0.32	0.47	4.2	0.81	ND (0.09)	0.87
Chromium	5	5.1	5.5	62	12	17	19
Lead	22	29	20	210	43	89	71
Mercury	ND (0.02)	ND (0.02)	ND (0.02)	0.3	0.036	ND (0.020)	0.1
Selenium	0.47	ND (0.2)	0.21	0.2	ND (0.2)	ND (0.2)	ND (0.2)
Silver	0.3	0.14	0.28	0.32	0.19	2.7	ND (0.04)
<i>TCPLP Metals (mg/L)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	0.4	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1221	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1232	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1242	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1248	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.55
Aroclor - 1254	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1260	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
<i>SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
1,2-Dichlorobenzene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
1,2-Dichlorobenzene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
1,4-Dichlorobenzene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2,4,5-Trichlorophenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2,4,6-Trichlorophenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2,4-Dichlorophenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2,4-Dimethylphenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2,4-Dinitrophenol	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)
2,4-Dinitrotoluene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2,6-Dinitrotoluene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2-Chloronaphthalene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2-Chlorophenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2-Methyl naphthalene	--	--	--	19	35	94	ND (51)
2-Methyl-4,6-dinitrophenol	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>WB-12636-101499-SM-125</i>	<i>WB-12636-101499-SM-126</i>	<i>WB-12636-101499-SM-127</i>	<i>WB-12636-101499-SM-128</i>	<i>WB-12636-101499-SM-129</i>	<i>WB-12636-101499-SM-130</i>	<i>WB-12636-101499-SM-131</i>
<i>Sample Location</i>	<i>Southeast Trench Area</i>	<i>Southeast Trench Area</i>	<i>Southeast Trench Area</i>	<i>Wood</i>	<i>Wood</i>	<i>Wood</i>	<i>Wood</i>
<i>Grid Coordinates</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>
<i>Date Sampled</i>	<i>Q3</i>	<i>O5</i>	<i>R5</i>	<i>K36</i>	<i>D37</i>	<i>B28</i>	<i>G27</i>
	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>	<i>10/14/1999</i>
2-Methylphenol (o-Cresol)	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
2-Nitroaniline	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)
2-Nitrophenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
3&4-Methylphenol (p&m-Cres	--	--	--	ND (20)	ND (20)	ND (50)	ND (99)
3,3-Dichlorobenzidine	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)
3-Nitroaniline	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)
4-Bromophenyl-phenylether	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
4-Chloro-3-methylphenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
4-Chloroaniline	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)
4-Chlorophenyl-phenylether	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
4-Nitroaniline	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)
4-Nitrophenol	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)
Acenaphthene	--	--	--	26	81	180	ND (51)
Acenaphthylene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Anthracene	--	--	--	56	130	290	360
Benzo(a)anthracene	--	--	--	94	130	300	480
Benzo[a]pyrene	--	--	--	62	69	180	270
Benzo[b]fluoranthene	--	--	--	61	66	160	260
Benzo[g,h,i]perylene	--	--	--	31	32	84	130
Benzo[k]fluoranthene	--	--	--	56	73	170	260
Bis(2-Chloroethoxy)methane	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Bis(2-Chloroethyl)ether	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Bis(2-Chloroisopropyl)ether	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Bis(2-Ethylhexyl)phthalate	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Butylbenzylphthalate	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Carbazole	--	--	--	29	47	98	130
Chrysene	--	--	--	94	120	280	440
Di-n-butylphthalate	--	--	--	24	49	35	90
Di-n-Octylphthalate	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Dibenzo[a,h]anthracene	--	--	--	ND (10)	11	ND (26)	ND (51)
Dibenzofuran	--	--	--	37	98	150	90
Diethylphthalate	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Dimethylphthalate	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Fluorene	--	--	--	21	86	190	84
Fluoranthene	--	--	--	98	300	200	750
Hexachlorobenzene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Hexachlorobutadiene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Hexachlorocyclopentadiene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Hexachloroethane	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Indeno[1,2,3-c,d]pyrene	--	--	--	38	41	110	170
Isophorone	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
n-Nitroso-di-n-propylamine	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
n-Nitrosodiphenylamine	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Naphthalene	--	--	--	29	38	140	ND (51)
Nitrobenzene	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Pentachlorophenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Phenanthrene	--	--	--	100	470	250	860
Phenol	--	--	--	ND (10)	ND (10)	ND (26)	ND (51)
Pyrene	--	--	--	79	230	190	660
Pyridine	--	--	--	ND (40)	ND (40)	ND (100)	ND (200)

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	WB-12636-101499-SM-132	WB-12636-101499-SM-133	WB-12636-101499-SM-134	WB-12636-101499-SM-135	WB-12636-101499-SM-136	WB-12636-101499-SM-137	WB-12636-101499-SM-138
<i>Sample Location</i>	Wood	Wood	Wood	Wood	Wood	Wood	Wood
<i>Grid Coordinates</i>	Floor Block Q26	Floor Block B17	Floor Block J15	Floor Block P16	Floor Block C5	Floor Block H5	Floor Block L8
<i>Date Sampled</i>	10/14/1999	10/14/1999	10/14/1999	10/14/1999	10/14/1999	10/14/1999	10/14/1999
Asbestos	--	--	--	--	--	--	--
<i>Metals (mg/kg)</i>							
Arsenic	0.29	1.8	0.63	2.3	2.7	0.95	2.9
Barium	28	44	17	170	26	41	31
Cadmium	0.57	1.2	0.34	0.12	2.2	3.7	1.0
Chromium	7.2	89	9	150	6.3	37	8.3
Lead	26	470	17	590	38	150	43
Mercury	0.062	0.042	ND (0.02)	0.097	0.62	0.078	0.057
Selenium	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.27	0.66	0.53
Silver	0.11	0.28	ND (0.04)	3.6	0.18	0.38	0.54
<i>TCLP Metals (mg/L)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	ND (0.05)	--	--	--
Lead	--	0.53	--	0.024	--	0.065	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1221	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1232	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1242	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1248	0.23	ND (0.2)	ND (0.2)	2.6	ND (0.2)	0.23	ND (0.2)
Aroclor - 1254	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1260	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.2	ND (0.2)
<i>SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
1,2-Dichlorobenzene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
1,2-Dichlorobenzene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
1,4-Dichlorobenzene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2,4,5-Trichlorophenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2,4,6-Trichlorophenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2,4-Dichlorophenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2,4-Dimethylphenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2,4-Dinitrophenol	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)
2,4-Dinitrotoluene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2,6-Dinitrotoluene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2-Chloronaphthalene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2-Chlorophenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2-Methyl naphthalene	ND (10)	260	130	ND (26)	12	ND (26)	ND (51)
2-Methyl-4,6-dinitrophenol	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	WB-12636-101499-SM-132	WB-12636-101499-SM-133	WB-12636-101499-SM-134	WB-12636-101499-SM-135	WB-12636-101499-SM-136	WB-12636-101499-SM-137	WB-12636-101499-SM-138
<i>Sample Location</i>	Wood	Wood	Wood	Wood	Wood	Wood	Wood
<i>Grid Coordinates</i>	Floor Block	Floor Block	Floor Block	Floor Block	Floor Block	Floor Block	Floor Block
<i>Date Sampled</i>	Q26	B17	J15	P16	C5	H5	L8
	10/14/1999	10/14/1999	10/14/1999	10/14/1999	10/14/1999	10/14/1999	10/14/1999
2-Methylphenol (o-Cresol)	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
2-Nitroaniline	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)
2-Nitrophenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
3&4-Methylphenol (p&m-Cres)	ND (20)	ND (50)	ND (50)	ND (50)	ND (20)	ND (50)	ND (99)
3,3-Dichlorobenzidine	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)
3-Nitroaniline	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)
4-Bromophenyl-phenylether	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
4-Chloro-3-methylphenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
4-Chloroaniline	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)
4-Chlorophenyl-phenylether	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
4-Nitroaniline	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)
4-Nitrophenol	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)
Acenaphthene	ND (10)	480	170	ND (26)	13	ND (26)	ND (51)
Acenaphthylene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Anthracene	25	390	180	47	33	ND (26)	110
Benzo(a)anthracene	48	290	170	130	57	47	290
Benzo[a]pyrene	33	150	96	96	38	28	210
Benzo[b]fluoranthene	34	140	110	89	35	31	190
Benzo[g,h,i]perylene	20	75	58	58	21	ND (26)	120
Benzo[k]fluoranthene	29	140	100	88	36	32	180
Bis(2-Chloroethoxy)methane	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Bis(2-Chloroethyl)ether	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Bis(2-Chloroisopropyl)ether	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Bis(2-Ethylhexyl)phthalate	ND (10)	ND (26)	ND (26)	26	ND (10)	31	ND (51)
Butylbenzylphthalate	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Carbazole	16	140	73	ND (26)	17	ND (26)	56
Chrysene	49	270	190	140	57	53	270
Di-n-butylphthalate	ND (10)	31	83	50	ND (10)	94	ND (51)
Di-n-Octylphthalate	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Dibenzo[a,h]anthracene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Dibenzofuran	29	390	230	ND (26)	23	ND (26)	ND (51)
Diethylphthalate	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Dimethylphthalate	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Fluorene	ND (10)	440	150	ND (26)	12	ND (26)	ND (51)
Fluoranthene	160	270	150	370	170	210	670
Hexachlorobenzene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Hexachlorobutadiene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Hexachlorocyclopentadiene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Hexachloroethane	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Indeno[1,2,3-c,d]pyrene	23	88	67	68	25	ND (26)	140
Isophorone	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
n-Nitroso-di-n-propylamine	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
n-Nitrosodiphenylamine	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Naphthalene	ND (10)	300	320	ND (26)	19	ND (26)	ND (51)
Nitrobenzene	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Pentachlorophenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Phenanthrene	210	460	280	260	190	220	600
Phenol	ND (10)	ND (26)	ND (26)	ND (26)	ND (10)	ND (26)	ND (51)
Pyrene	100	230	380	250	100	140	490
Pyridine	ND (40)	ND (100)	ND (100)	ND (100)	ND (40)	ND (100)	ND (200)

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>WB-12636-101499-SM-139</i>	<i>M-12636-101599-SM-140</i>	<i>M-12363-101599-SM-141</i>	<i>M-12636-101599-SM-142</i>	<i>M-12636-101599-SM-143</i>	<i>M-12636-101599-SM-144</i>	<i>M-12636-101599-SM-145</i>
<i>Sample Location</i>	<i>Wood</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>
<i>Grid Coordinates</i>	<i>Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>
<i>Date Sampled</i>	<i>R34</i>	<i>Q2</i>	<i>K17</i>	<i>E19</i>	<i>B20</i>	<i>R27</i>	<i>O35</i>
	<i>10/14/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>
Asbestos	--	ND	ND	ND	ND	ND	ND
<i>Metals (mg/kg)</i>							
Arsenic	3.8	--	--	--	--	--	--
Barium	23	--	--	--	--	--	--
Cadmium	1.7	--	--	--	--	--	--
Chromium	24	--	--	--	--	--	--
Lead	98	--	--	--	--	--	--
Mercury	0.13	--	--	--	--	--	--
Selenium	0.35	--	--	--	--	--	--
Silver	0.15	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.21)
Aroclor - 1221	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.21)
Aroclor - 1232	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.21)
Aroclor - 1242	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.21)
Aroclor - 1248	0.94	ND (0.2)	0.27	0.22	ND (0.2)	0.39	0.32
Aroclor - 1254	0.67	ND (0.2)	0.58	0.84	0.43	0.92	ND (0.21)
Aroclor - 1260	0.24	0.64	0.29	0.34	ND (0.2)	0.45	ND (0.21)
<i>SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	ND (51)	--	--	--	--	--	--
1,2-Dichlorobenzene	ND (51)	--	--	--	--	--	--
1,2-Dichlorobenzene	ND (51)	--	--	--	--	--	--
1,4-Dichlorobenzene	ND (51)	--	--	--	--	--	--
2,4,5-Trichlorophenol	ND (51)	--	--	--	--	--	--
2,4,6-Trichlorophenol	ND (51)	--	--	--	--	--	--
2,4-Dichlorophenol	ND (51)	--	--	--	--	--	--
2,4-Dimethylphenol	ND (51)	--	--	--	--	--	--
2,4-Dinitrophenol	ND (200)	--	--	--	--	--	--
2,4-Dinitrotoluene	ND (51)	--	--	--	--	--	--
2,6-Dinitrotoluene	ND (51)	--	--	--	--	--	--
2-Chloronaphthalene	ND (51)	--	--	--	--	--	--
2-Chlorophenol	ND (51)	--	--	--	--	--	--
2-Methyl naphthalene	ND (51)	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	ND (200)	--	--	--	--	--	--

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>WB-12636-101499-SM-139</i>	<i>M-12636-101599-SM-140</i>	<i>M-12363-101599-SM-141</i>	<i>M-12636-101599-SM-142</i>	<i>M-12636-101599-SM-143</i>	<i>M-12636-101599-SM-144</i>	<i>M-12636-101599-SM-145</i>
<i>Sample Location</i>	<i>Wood</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>
<i>Grid Coordinates</i>	<i>Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>
<i>Date Sampled</i>	<i>R34</i>	<i>Q2</i>	<i>K17</i>	<i>E19</i>	<i>B20</i>	<i>R27</i>	<i>O35</i>
	<i>10/14/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>
2-Methylphenol (o-Cresol)	ND (51)	--	--	--	--	--	--
2-Nitroaniline	ND (200)	--	--	--	--	--	--
2-Nitrophenol	ND (51)	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cres)	ND (99)	--	--	--	--	--	--
3,3-Dichlorobenzidine	ND (200)	--	--	--	--	--	--
3-Nitroaniline	ND (200)	--	--	--	--	--	--
4-Bromophenyl-phenylether	ND (51)	--	--	--	--	--	--
4-Chloro-3-methylphenol	ND (51)	--	--	--	--	--	--
4-Chloroaniline	ND (200)	--	--	--	--	--	--
4-Chlorophenyl-phenylether	ND (51)	--	--	--	--	--	--
4-Nitroaniline	ND (200)	--	--	--	--	--	--
4-Nitrophenol	ND (200)	--	--	--	--	--	--
Acenaphthene	66	--	--	--	--	--	--
Acenaphthylene	ND (51)	--	--	--	--	--	--
Anthracene	420	--	--	--	--	--	--
Benzo(a)anthracene	440	--	--	--	--	--	--
Benzo[a]pyrene	270	--	--	--	--	--	--
Benzo[b]fluoranthene	240	--	--	--	--	--	--
Benzo[g,h,i]perylene	130	--	--	--	--	--	--
Benzo[k]fluoranthene	250	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	ND (51)	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	ND (51)	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	ND (51)	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	ND (51)	--	--	--	--	--	--
Butylbenzylphthalate	ND (51)	--	--	--	--	--	--
Carbazole	210	--	--	--	--	--	--
Chrysene	430	--	--	--	--	--	--
Di-n-butylphthalate	ND (51)	--	--	--	--	--	--
Di-n-Octylphthalate	ND (51)	--	--	--	--	--	--
Dibenzo[a,h]anthracene	ND (51)	--	--	--	--	--	--
Dibenzofuran	130	--	--	--	--	--	--
Diethylphthalate	ND (51)	--	--	--	--	--	--
Dimethylphthalate	ND (51)	--	--	--	--	--	--
Fluorene	100	--	--	--	--	--	--
Fluoranthene	680	--	--	--	--	--	--
Hexachlorobenzene	ND (51)	--	--	--	--	--	--
Hexachlorobutadiene	ND (51)	--	--	--	--	--	--
Hexachlorocyclopentadiene	ND (51)	--	--	--	--	--	--
Hexachloroethane	ND (51)	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	170	--	--	--	--	--	--
Isophorone	ND (51)	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	ND (51)	--	--	--	--	--	--
n-Nitrosodiphenylamine	ND (51)	--	--	--	--	--	--
Naphthalene	ND (51)	--	--	--	--	--	--
Nitrobenzene	ND (51)	--	--	--	--	--	--
Pentachlorophenol	ND (51)	--	--	--	--	--	--
Phenanthrene	860	--	--	--	--	--	--
Phenol	ND (51)	--	--	--	--	--	--
Pyrene	960	--	--	--	--	--	--
Pyridine	ND (200)	--	--	--	--	--	--

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>M-12636-101599-SM-146</i>	<i>M-12636-101599-SM-147</i>	<i>M-12636-101599-SM-148</i>	<i>M-12636-101599-SM-149</i>	<i>WB-12636-113099-MM-183</i>	<i>WB-12636-113099-MM-184</i>	<i>WB-12636-113099-MM-185</i>
<i>Sample Location</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Wood</i>	<i>Wood</i>	<i>Wood</i>
<i>Grid Coordinates</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>
<i>Date Sampled</i>	<i>E37</i>	<i>D32</i>	<i>B7</i>	<i>E14</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>
	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>
Asbestos	ND	ND	ND	ND	--	--	--
<i>Metals (mg/kg)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1221	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1232	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1242	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1248	ND (0.2)	0.28	ND (0.2)	ND (0.21)	8.9	11	6.7
Aroclor - 1254	0.3	0.43	ND (0.2)	ND (0.21)	1.8	2.9	2.2
Aroclor - 1260	ND (0.2)	0.21	ND (0.2)	ND (0.21)	ND (0.2)	0.87	0.54
<i>SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--
2-Methyl naphthalene	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--	--

TABLE 3.4

**WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>M-12636-101599-SM-146</i>	<i>M-12636-101599-SM-147</i>	<i>M-12636-101599-SM-148</i>	<i>M-12636-101599-SM-149</i>	<i>WB-12636-113099-MM-183</i>	<i>WB-12636-113099-MM-184</i>	<i>WB-12636-113099-MM-185</i>
<i>Sample Location</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Mastic Below</i>	<i>Wood</i>	<i>Wood</i>	<i>Wood</i>
<i>Grid Coordinates</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Wood Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>	<i>Floor Block</i>
<i>Date Sampled</i>	<i>E37</i>	<i>D32</i>	<i>B7</i>	<i>E14</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>
	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cres	--	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--
4-Chloroaniline	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--	--	--
Dibenzofuran	--	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--

TABLE 3.4

WOOD FLOORING AND MASTIC SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Notes:	
--	Not analyzed.
NA	Not applicable.
NC	No criteria established.
ND (330)	Not detected at detection limit identified in parentheses.
RCRA	Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for determination of characteristically hazardous waste.
TSCA	U.S. EPA Region 5 unpublished threshold for remediation waste containing PCBs, but whose source date and concentration are unknown
4070	Criteria established in the GM/USPCI Contract No. 4070.
3.7	Exceeds the primary screening criteria.
3.7	Exceeds the primary and secondary screening criteria.

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>				<i>W-061099-12636-KMB-002</i>	<i>W-061099-12636-KMB-003</i>	<i>W-061099-12636-KMB-004</i>	<i>W-061099-12636-KMB-006</i>	<i>W-061099-12636-KMB-007</i>
<i>Sample Location</i>	<i>Primary</i>	<i>Secondary</i>		-	-	-	-	-
	<i>Screening</i>	<i>Screening</i>		-	-	-	-	-
<i>Grid Coordinates</i>	<i>Criteria</i>	<i>Criteria</i>		<i>D6</i>	<i>E5</i>	<i>E13</i>	<i>E26</i>	<i>C33</i>
<i>Date Sampled</i>				<i>6/10/1999</i>	<i>6/10/1999</i>	<i>6/10/1999</i>	<i>6/10/1999</i>	<i>6/10/1999</i>
<i>PCBs (ug/100 cm²)</i>								
Aroclor -1016	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1221	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1232	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1242	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1248	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1254	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1260	10	TSCA	NC	8.2	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
<i>Sample ID</i>				<i>W-061099-12636-KMB-008</i>	<i>W-061099-12636-KMB-009</i>	<i>W-061099-12636-KMB-010</i>	<i>W-061099-12636-KMB-011</i>	<i>W-061099-12636-KMB-012</i>
<i>Sample Location</i>	<i>Primary</i>	<i>Secondary</i>		-	-	-	-	-
	<i>Screening</i>	<i>Screening</i>		-	-	-	-	-
<i>Grid Coordinates</i>	<i>Criteria</i>	<i>Criteria</i>		<i>D33</i>	<i>N32</i>	<i>N25</i>	<i>N13</i>	<i>N5</i>
<i>Date Sampled</i>				<i>6/10/1999</i>	<i>6/10/1999</i>	<i>6/10/1999</i>	<i>6/10/1999</i>	<i>6/10/1999</i>
<i>PCBs (ug/100 cm²)</i>								
Aroclor -1016	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1221	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1232	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1242	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1248	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1254	10	TSCA	NC	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1260	10	TSCA	NC	8.1	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	W-12636-092399-MM-010	W-12636-092399-MM-011	W-12636-092399-MM-012	W-12636-092399-MM-013	W-12636-092399-MM-014	W-12636-092499-MM-023
Sample Location	Main Floor	Main Floor	Main Floor	Main Floor	Main Floor	Second Floor
	North East Compactor	North East Compactor	North East Compactor	South East Compactor	South East Compactor	Penthouse Elevator
Grid Coordinates	S23	S23	S23	S24	S24	H38
Date Sampled	9/23/1999	9/23/1999	9/23/1999	9/23/1999	9/23/1999	9/24/1999
PCBs (ug/100 cm²)						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)
Aroclor - 1248	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	0.29
Aroclor - 1254	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)
Aroclor - 1260	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	1.9
Sample ID	W-12636-092399-MM-015	W-12636-092399-MM-018	W-12636-092399-MM-019	W-12636-092399-MM-020	W-12636-092399-MM-021	W-12636-092399-MM-042
Sample Location	Main Floor	Building 63	Building 63	Building 63	Building 63	Powerhouse
	South East Compactor	Compactor Area/	Compactor Area/	Compactor Area/	Compactor Area/	South Side of Boiler
Grid Coordinates	S24	Waste Bins	Waste Bins	Waste Bins	Waste Bins	-
Date Sampled	9/23/1999	9/23/1999	9/23/1999	9/23/1999	9/23/1999	9/23/1999
PCBs (ug/100 cm²)						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1248	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1254	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1260	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-092499-SM-038</i>	<i>W-12636-092499-SM-039</i>	<i>W-12636-092499-SM-040</i>	<i>W-12636-092499-SM-041</i>	<i>W-12636-092499-MM-047</i>	<i>W-12636-092499-MM-048</i>
<i>Sample Location</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Powerhouse</i>
<i>Grid Coordinates</i>	<i>South Side of Boiler</i>	<i>South Side of Boiler</i>	<i>South Side of Boiler</i>	<i>South Side of Boiler</i>	<i>Main Floor Compressors</i>	<i>Main Floor Compressors</i>
<i>Date Sampled</i>	9/24/1999	9/24/1999	9/24/1999	9/24/1999	9/24/1999	9/24/1999
<i>PCBs (ug/100 cm²)</i>						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1248	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	0.2	0.65
Aroclor - 1254	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1260	ND (0.10)	ND (0.10)	0.16	ND (0.10)	0.23	0.66
<i>Sample ID</i>	<i>W-12636-092499-MM-043</i>	<i>W-12636-092499-MM-044</i>	<i>W-12636-092499-MM-045</i>	<i>W-12636-092499-MM-046</i>	<i>W-12636-092899-MM-052</i>	<i>W-12636-092899-MM-053</i>
<i>Sample Location</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Second Floor</i>	<i>Second Floor</i>
<i>Grid Coordinates</i>	<i>Main Floor Compressors</i>	<i>Main Floor Compressors</i>	<i>Main Floor Compressors</i>	<i>Main Floor Compressors</i>	<i>Fan Room 2</i>	<i>Fan Room 3</i>
<i>Date Sampled</i>	9/24/1999	9/24/1999	9/24/1999	9/24/1999	9/28/1999	9/28/1999
<i>PCBs (ug/100 cm²)</i>						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (2500)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (2500)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (2500)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (2500)
Aroclor - 1248	ND (0.10)	0.11	ND (0.10)	ND (0.10)	0.14	ND (2500)
Aroclor - 1254	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	79000
Aroclor - 1260	ND (0.10)	0.16	0.22	ND (0.10)	0.26	30000

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-092499-MM-049</i>	<i>W-12636-092499-MM-050</i>	<i>W-12636-092899-MM-051</i>	<i>W-12636-092899-MM-055C</i>	<i>W-12636-092899-MM-056A</i>	<i>W-12636-092899-MM-056B</i>
<i>Sample Location</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Second Floor</i>	<i>Second Floor</i>	<i>Second Floor</i>	<i>Second Floor</i>
	<i>Main Floor Compressors</i>	<i>Main Floor Compressors</i>	<i>Fan Room 1</i>	<i>Fan Room 5</i>	<i>Fan Room 6</i>	<i>Fan Room 6</i>
<i>Grid Coordinates</i>						
<i>Date Sampled</i>	<i>9/24/1999</i>	<i>9/24/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>
<i>PCBs (ug/100 cm²)</i>						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1248	ND (0.10)	ND (0.10)	0.14	ND (0.10)	0.15	ND (0.10)
Aroclor - 1254	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	0.36	0.76
Aroclor - 1260	ND (0.10)	0.35	0.54	ND (0.10)	0.24	0.4

<i>Sample ID</i>	<i>W-12636-092899-MM-054</i>	<i>W-12636-092899-MM-055A</i>	<i>W-12636-092899-MM-055B</i>	<i>W-12636-092899-MM-058A</i>	<i>W-12636-092899-MM-058B</i>	<i>W-12636-092899-MM-059A</i>
<i>Sample Location</i>	<i>Second Floor</i>	<i>Second Floor</i>	<i>Second Floor</i>	<i>Second Floor</i>	<i>Second Floor</i>	<i>Second Floor</i>
	<i>Fan Room 4</i>	<i>Fan Room 5</i>	<i>Fan Room 5</i>	<i>Fan Room 8</i>	<i>Fan Room 8</i>	<i>Fan Room 9</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>
<i>PCBs (ug/100 cm²)</i>						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1248	ND (0.10)	0.12	0.13	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1254	0.77	0.92	ND (0.10)	0.18	0.14	0.12
Aroclor - 1260	0.3	0.66	0.5	0.12	0.21	0.11

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-092899-MM-057A</i>	<i>W-12636-092899-MM-057B</i>	<i>W-12636-092899-MM-060B</i>	<i>W-12636-092899-MM-061A</i>	<i>W-12636-092899-MM-061B</i>	<i>W-12636-092899-MM-062A</i>
<i>Sample Location</i>	<i>Second Floor Fan Room 7</i>	<i>Second Floor Fan Room 7</i>	<i>Second Floor Fan Room 10</i>	<i>Second Floor Fan Room 11</i>	<i>Second Floor Fan Room 12</i>	<i>Second Floor Fan Room 12</i>
<i>Grid Coordinates</i>						
<i>Date Sampled</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>
<i>PCBs (ug/100 cm²)</i>						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1248	0.12	ND (0.10)	0.11	0.12	ND (0.10)	ND (0.10)
Aroclor - 1254	0.28	0.22	0.31	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1260	0.41	ND (0.10)	0.24	0.3	0.21	0.15

<i>Sample ID</i>	<i>W-12636-092899-MM-059B</i>	<i>W-12636-092899-MM-060A</i>	<i>W-12636-092899-MM-063A</i>	<i>W-12636-092899-MM-063B</i>	<i>W-12636-092899-MM-064A</i>	<i>W-12636-092899-MM-064B</i>
<i>Sample Location</i>	<i>Second Floor Fan Room 9</i>	<i>Second Floor Fan Room 10</i>	<i>Second Floor Fan Room 13</i>	<i>Second Floor Fan Room 13</i>	<i>Second Floor Fan Room 14</i>	<i>Second Floor Fan Room 14</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>
<i>PCBs (ug/100 cm²)</i>						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (50)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (50)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (50)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (50)	ND (0.10)	ND (0.10)
Aroclor - 1248	0.11	0.12	ND (0.10)	ND (50)	ND (0.10)	ND (0.10)
Aroclor - 1254	0.14	0.4	ND (0.10)	2400	ND (0.10)	ND (0.10)
Aroclor - 1260	0.33	0.37	0.21	1000	0.45	0.5

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-092899-MM-062B</i>	<i>W-12636-092899-MM-065B</i>	<i>W-12636-092899-MM-066A</i>	<i>W-12636-092899-MM-066B</i>	<i>W-12636-092899-MM-067</i>	<i>W-12636-092999-SM-068</i>
<i>Sample Location</i>	<i>Second Floor Fan Room 12</i>	<i>Second Floor Fan Room 15</i>	<i>Second Floor Fan Room 16</i>	<i>Second Floor Fan Room 16</i>	<i>Second Floor Fan Room Kitchen</i>	<i>Basement Fan Room North Capacitor B28</i>
<i>Grid Coordinates</i>						
<i>Date Sampled</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/28/1999</i>	<i>9/29/1999</i>
<i>PCBs (ug/100 cm²)</i>						
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1248	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	0.11	ND (0.10)
Aroclor - 1254	ND (0.10)	ND (0.10)	0.12	ND (0.10)	0.24	ND (0.10)
Aroclor - 1260	0.16	0.2	0.15	0.14	0.15	ND (0.10)
<i>Sample ID</i>	<i>W-12636-092899-MM-065A</i>	<i>W-12636-092999-SM-069</i>	<i>W-12636-092999-SM-070</i>	<i>W-12636-092999-SM-071</i>	<i>W-12636-092999-SM-072</i>	<i>W-12636-092999-SM-073</i>
<i>Sample Location</i>	<i>Second Floor Fan Room 15</i>	<i>Basement Fan Room South Capacitor B28</i>	<i>North Truck Loading Dock</i>	<i>North Truck Loading Dock</i>	<i>North Truck Loading Dock</i>	<i>North Truck Loading Dock</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-
<i>Date Sampled</i>	<i>9/28/1999</i>	<i>9/29/1999</i>	<i>9/29/1999</i>	<i>9/29/1999</i>	<i>9/29/1999</i>	<i>9/29/1999</i>
<i>PCBs (ug/100 cm²)</i>						
Aroclor -1016	ND (0.10)	ND (10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (0.10)	ND (10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (0.10)	ND (10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (0.10)	ND (10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1248	ND (0.10)	ND (10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1254	ND (0.10)	380	ND (0.10)	ND (0.10)	0.22	ND (0.10)
Aroclor - 1260	0.16	110	ND (0.10)	ND (0.10)	0.18	0.14

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-092999-MM-095</i>	<i>W-12636-101299-SM-107</i>	<i>W-12636-101599-SM-152</i>	<i>W-12636-101599-SM-153</i>	<i>W-12636-101899-SM-155</i>	<i>W-12636-112499-MM-171</i>	<i>W-12636-112499-MM-172</i>
<i>Sample Location</i>	<i>Basement</i>	<i>Building 63</i>	<i>Second Floor</i>	<i>Second Floor</i>	<i>Main Floor</i>	<i>Substation No. 7</i>	<i>Substation No. 7</i>
<i>Grid Coordinates</i>	<i>Elevator Room</i>	<i>North Truck Loading</i>	<i>Cargo Elevator Rooms</i>	<i>Cargo Elevator Rooms</i>	<i>Interior Transformers</i>	<i>Capacitor Bank</i>	<i>Capacitor Bank</i>
<i>Date Sampled</i>	<i>J30</i>		<i>E1</i>	<i>B16</i>	<i>N28</i>	<i>on Floor</i>	<i>on Floor</i>
	<i>9/29/1999</i>	<i>10/12/1999</i>	<i>10/15/1999</i>	<i>10/15/1999</i>	<i>10/18/1999</i>	<i>11/24/1999</i>	<i>11/24/1999</i>
<i>PCBs (ug/100 cm²)</i>							
Aroclor -1016	ND (2.0)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1221	ND (2.0)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1232	ND (2.0)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1242	ND (2.0)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1248	ND (2.0)	0.25	ND (0.10)	ND (0.10)	ND (0.10)	16	0.58
Aroclor - 1254	ND (2.0)	0.28	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aroclor - 1260	ND (2.0)	0.1	0.27	0.77	ND (0.10)	4.5	2.1
<i>Sample ID</i>	<i>W-12636-101899-SM-156</i>	<i>W-12636-112499-MM-167</i>	<i>W-12636-112499-MM-168</i>	<i>W-12636-112499-MM-169</i>	<i>W-12636-112499-MM-170</i>	<i>W-12636-031900-BS-249</i>	<i>W-12636-031900-BS-250</i>
<i>Sample Location</i>	<i>Main Floor</i>	<i>Substation No. 6</i>	<i>Substation No. 6</i>	<i>Substation No. 5</i>	<i>Substation No. 5</i>	<i>Substation No. 1</i>	<i>Substation No. 2</i>
<i>Grid Coordinates</i>	<i>Interior Transformers</i>	<i>Capacitor Bank</i>	<i>Capacitor Bank</i>	<i>Capacitor Bank</i>	<i>Capacitor Bank</i>	-	-
<i>Date Sampled</i>	<i>C8</i>	<i>on Floor</i>	<i>on Floor</i>	<i>on Floor</i>	<i>on Floor</i>	-	-
	<i>10/18/1999</i>	<i>11/24/1999</i>	<i>11/24/1999</i>	<i>11/24/1999</i>	<i>11/24/1999</i>	<i>3/19/2000</i>	<i>3/19/2000</i>
<i>PCBs (ug/100 cm²)</i>							
Aroclor -1016	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.1)
Aroclor - 1248	0.14	0.28	0.37	ND (0.10)	ND (0.10)	0.2	ND (0.1)
Aroclor - 1254	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.1)
Aroclor - 1260	0.52	0.21	0.39	0.3	0.12	0.16	0.28

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-031900-BS-246</i>	<i>W-12636-031900-BS-247</i>	<i>W-12636-031900-BS-248</i>	<i>W-12636-031900-BS-254</i>	<i>W-12636-031900-BS-255</i>	<i>W-12636-031900-BS-256</i>	<i>W-12636-041900-CK-257</i>
<i>Sample Location</i>	<i>Substation No. 1</i>	<i>Substation No. 1</i>	<i>Substation No. 1</i>	<i>Substation No. 2</i>	<i>Substation No. 2</i>	<i>Substation No. 3</i>	<i>Substation No. 3</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>4/19/2000</i>
<i>PCBs (ug/100 cm²)</i>							
Aroclor -1016	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1248	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1254	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1260	0.41	1.1	ND (0.1)	1.4	ND (0.1)	0.34	0.41

<i>Sample ID</i>	<i>W-12636-031900-BS-251</i>	<i>W-12636-031900-BS-252</i>	<i>W-12636-031900-BS-253</i>	<i>W-12636-041900-CK-259</i>	<i>W-12636-041900-CK-260</i>	<i>W-12636-031900-BS-261</i>	<i>W-12636-031900-BS-262</i>
<i>Sample Location</i>	<i>Substation No. 2</i>	<i>Substation No. 2</i>	<i>Substation No. 2</i>	<i>Substation No. 3</i>	<i>Substation No. 3</i>	<i>Substation No. 3</i>	<i>Substation No. 4</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>4/19/2000</i>	<i>4/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>
<i>PCBs (ug/100 cm²)</i>							
Aroclor -1016	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1248	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1254	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1260	ND (0.1)	0.13	1.1	0.38	ND (0.1)	0.18	3.1

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-041900-CK-258</i>	<i>W-12636-031900-BS-264</i>	<i>W-12636-031900-BS-265</i>	<i>W-12636-031900-BS-266</i>	<i>W-12636-031900-BS-267</i>	<i>W-12636-031900-BS-268</i>	<i>W-12636-031900-BS-274</i>
<i>Sample Location</i>	<i>Substation No. 3</i>	<i>Substation No. 4</i>	<i>Substation No. 4</i>	<i>Substation No. 4</i>	<i>Substation No. 4</i>	<i>Substation No. 1</i>	<i>Substation No. 6</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>4/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>
<i>PCBs (ug/100 cm²)</i>							
Aroclor -1016	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1248	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.56	ND (0.1)	ND (0.1)
Aroclor - 1254	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1260	0.13	ND (0.1)	ND (0.1)	0.2	0.28	0.82	0.93

<i>Sample ID</i>	<i>W-12636-031900-BS-263</i>	<i>W-12636-031900-BS-269</i>	<i>W-12636-031900-BS-270</i>	<i>W-12636-031900-BS-271</i>	<i>W-12636-031900-BS-272</i>	<i>W-12636-031900-BS-273</i>	<i>W-12636-031900-BS-279</i>
<i>Sample Location</i>	<i>Substation No. 4</i>	<i>Substation No. 1</i>	-	<i>Substation No. 1A</i>	<i>Substation No. 5</i>	<i>Substation No. 5</i>	<i>Substation No. 6</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>
<i>PCBs (ug/100 cm²)</i>							
Aroclor -1016	ND (0.1)	ND (0.1)	ND (10)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.1)	ND (0.1)	ND (10)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.1)	ND (0.1)	ND (10)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.1)	ND (0.1)	ND (10)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1248	ND (0.1)	ND (0.1)	ND (10)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1254	ND (0.1)	ND (0.1)	ND (10)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1260	0.85	0.11	640	0.18	ND (0.1)	0.72	ND (0.1)

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-031900-BS-275</i>	<i>W-12636-031900-BS-276</i>	<i>W-12636-031900-BS-277</i>	<i>W-12636-031900-BS-278</i>	<i>W-12636-031900-BS-284</i>	<i>W-12636-031900-BS-285</i>	<i>W-12636-031900-BS-286</i>
<i>Sample Location</i>	<i>Substation No. 6</i>	<i>Substation No. 6</i>	<i>Substation No. 6</i>	<i>Substation No. 6</i>	<i>Substation No. 7</i>	<i>Substation No. 7</i>	<i>Substation No. 8</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>
<i>PCBs (ug/100 cm²)</i>							
Aroclor -1016	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1248	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1254	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1260	1.3	0.4	0.29	ND (0.1)	0.14	0.24	0.49

<i>Sample ID</i>	<i>W-12636-031900-BS-280</i>	<i>W-12636-031900-BS-281</i>	<i>W-12636-031900-BS-282</i>	<i>W-12636-031900-BS-283</i>	<i>W-12636-031900-BS-289</i>	<i>W-12636-031900-BS-290</i>	<i>W-12636-031900-BS-291</i>
<i>Sample Location</i>	<i>Substation No. 7</i>	<i>Substation No. 7</i>	<i>Substation No. 7</i>	<i>Substation No. 7</i>	<i>Substation No. 8</i>	<i>Substation No. 8</i>	<i>Substation No. 8</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>
<i>PCBs (ug/100 cm²)</i>							
Aroclor -1016	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1248	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1254	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1260	0.76	2.1	4.9	1.4	4.4	0.41	0.36

TABLE 3.5

**WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>W-12636-031900-BS-287</i>	<i>W-12636-031900-BS-288</i>	<i>W-12636-031900-BS-294</i>	<i>W-12636-070600-CK-465</i>	<i>W-12636-070600-CK-466</i>
<i>Sample Location</i>	<i>Substation No. 8</i>	<i>Substation No. 8</i>	<i>Substation No. 5</i>	<i>Powerhouse</i>	<i>Building #44</i>
<i>Grid Coordinates</i>	-	-	-	-	-
<i>Date Sampled</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>7/6/2000</i>	<i>7/6/2000</i>
<i>PCBs (ug/100 cm²)</i>					
Aroclor -1016	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1248	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1254	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1260	0.29	0.46	0.19	ND (0.1)	ND (0.1)

<i>Sample ID</i>	<i>W-12636-031900-BS-292</i>	<i>W-12636-031900-BS-293</i>	<i>W-12636-070600-CK-464</i>	<i>W-12636-070600-CK-467</i>
<i>Sample Location</i>	<i>Substation No. 5</i>	<i>Substation No. 5</i>	-	<i>Building #44</i>
<i>Grid Coordinates</i>	-	-	-	-
<i>Date Sampled</i>	<i>3/19/2000</i>	<i>3/19/2000</i>	<i>7/6/2000</i>	<i>7/6/2000</i>
<i>PCBs (ug/100 cm²)</i>				
Aroclor -1016	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1221	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1232	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1242	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1248	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1254	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Aroclor - 1260	0.97	1.0	ND (0.1)	ND (0.1)

TABLE 3.5
WIPE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Notes:

TSCA	Decontamination standards established by the Toxic Substances Control Act 40 CFR Part 761 for concrete surfaces.
NC	No Criteria
3.7	Exceeds the primary screening criteria.
3.7	Exceeds the primary and secondary screening criteria.

TABLE 3.6

**PAINT SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>				<i>F-12636-092999-MM-074</i>	<i>F-12636-092999-MM-075</i>	<i>F-12636-092999-MM-076</i>	<i>F-12636-092999-MM-077</i>
<i>Sample Location</i>				<i>Main Floor</i>	<i>Main Floor</i>	<i>Main Floor</i>	<i>Main Floor</i>
	<i>Primary</i>	<i>Secondary</i>		<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>
<i>Grid Coordinates</i>	<i>Screening</i>	<i>Screening</i>		-	-	-	-
<i>Date Sampled</i>	<i>Criteria</i>	<i>Criteria</i>		9/29/1999	9/29/1999	9/29/1999	9/29/1999
Total Lead (mg/kg)	600	HUD	NC	3,400	17,000	4,300	620
<i>Sample ID</i>				<i>F-12636-092999-MM-078</i>	<i>F-12636-092999-MM-079</i>	<i>F-12636-092999-MM-080</i>	<i>F-12636-092999-MM-081</i>
<i>Sample Location</i>				<i>Main Floor</i>	<i>Main Floor</i>	<i>Main Floor</i>	<i>Main Floor</i>
				<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>
<i>Grid Coordinates</i>				-	-	-	-
<i>Date Sampled</i>				9/29/1999	9/29/1999	9/29/1999	9/29/1999
Total Lead (mg/kg)	600	HUD	NC	2,200	730	800	1,000
<i>Sample ID</i>				<i>F-12636-092999-MM-082</i>	<i>F-12636-092999-MM-083</i>	<i>F-12636-092999-MM-084</i>	<i>F-12636-092999-MM-085</i>
<i>Sample Location</i>				<i>Main Floor</i>	<i>Main Floor</i>	<i>Basement</i>	<i>Basement</i>
				<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>
<i>Grid Coordinates</i>				-	-	-	-
<i>Date Sampled</i>				9/29/1999	9/29/1999	9/29/1999	9/29/1999
Total Lead (mg/kg)	600	HUD	NC	9,600	20,000	5,000	400
<i>Sample ID</i>				<i>F-12636-092999-MM-086</i>	<i>F-12636-092999-MM-087</i>	<i>F-12636-092999-MM-088</i>	<i>F-12636-092999-MM-089</i>
<i>Sample Location</i>				<i>Basement</i>	<i>Basement</i>	<i>Basement</i>	<i>Second Floor</i>
				<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>	<i>Flaking Lead Paint</i>
<i>Grid Coordinates</i>				-	-	-	-
<i>Date Sampled</i>				9/29/1999	9/29/1999	9/29/1999	9/29/1999
Total Lead (mg/kg)	600	HUD	NC	2,600	5,200	560	3,500

TABLE 3.6

**PAINT SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>				<i>F-12636-092999-MM-090</i>	<i>F-12636-092999-MM-091</i>	<i>F-12636-092999-MM-092</i>	<i>F-12636-092999-MM-093</i>
<i>Sample Location</i>	<i>Primary Screening Criteria</i>	<i>Secondary Screening Criteria</i>		<i>Second Floor Flaking Lead Paint</i>	<i>Second Floor Flaking Lead Paint</i>	<i>Second Floor Flaking Lead Paint</i>	<i>Second Floor Flaking Lead Paint</i>
<i>Grid Coordinates</i>				-	-	-	-
<i>Date Sampled</i>				9/29/1999	9/29/1999	9/29/1999	9/29/1999
Total Lead (mg/kg)	600	HUD	NC	6,800	5,600	6,200	500
<i>Sample ID</i>				<i>F-12636-100699-MM-096</i>	<i>F-12636-100699-MM-097</i>	<i>F-12636-100699-MM-098</i>	<i>F-12636-100699-MM-099</i>
<i>Sample Location</i>				<i>Building 63 Flaking Lead Paint</i>	<i>Building 63 Flaking Lead Paint</i>	<i>Building 63 Flaking Lead Paint</i>	<i>Building 63 Flaking Lead Paint</i>
<i>Grid Coordinates</i>				-	-	-	-
<i>Date Sampled</i>				10/6/1999	10/6/1999	10/6/1999	10/6/1999
Total Lead (mg/kg)	600	HUD	NC	3,900	3,800	4,500	4000
<i>Sample ID</i>				<i>F-12636-100699-MM-100</i>	<i>F-12636-100699-MM-101</i>	<i>F-12636-100699-MM-102</i>	<i>F-12636-100699-MM-103</i>
<i>Sample Location</i>				<i>Powerhouse Flaking Lead Paint</i>	<i>Powerhouse Flaking Lead Paint</i>	<i>Powerhouse Flaking Lead Paint</i>	<i>Powerhouse Flaking Lead Paint</i>
<i>Grid Coordinates</i>				-	-	-	-
<i>Date Sampled</i>				10/6/1999	10/6/1999	10/6/1999	10/6/1999
Total Lead (mg/kg)	600	HUD	NC	490	2,200	1,000	16,000
<i>Sample ID</i>				<i>F-12636-041400-CK-247</i>	<i>F-12636-041400-CK-248</i>		
<i>Sample Location</i>				<i>Water Tower</i>	<i>Water Tower</i>		
<i>Grid Coordinates</i>				-	-		
<i>Date Sampled</i>				4/14/2000	4/14/2000		
Total Lead (mg/kg)	600	HUD	NC	5200	11,000		

TABLE 3.6

**PAINT SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Notes:

NC	No criteria established.
ND (330)	Not detected at detection limit identified in parentheses.
HUD	Housing and Urban Development's criteria for lead levels in federally funded housing.
3.7	Exceeds the primary screening criteria.
3.7	Exceeds the primary and secondary screening criteria.

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-062300-CK-459</i>				<i>C-12636-062300-CK-460</i>				<i>C-12636-062300-CK-461</i>				<i>C-12636-062300-CK-462</i>				<i>S-12636-010501-SM-584</i>			
<i>Sample Location</i>	<i>Soil</i>				<i>Soil</i>				<i>Soil</i>				<i>Soil</i>				<i>-</i>			
<i>Grid Coordinates</i>	<i>-</i>				<i>-</i>				<i>-</i>				<i>-</i>				<i>-</i>			
<i>Date Sampled</i>	<i>6/23/2000</i>				<i>6/23/2000</i>				<i>6/23/2000</i>				<i>6/23/2000</i>				<i>1/5/2001</i>			
<i>Metals (mg/kg)</i>																				
Arsenic	100	20x RCRA	NC		51		8.8		9.3		7.8		3.6							
Barium	2,000	20x RCRA	NC		110		77		78		70		19							
Cadmium	20	20x RCRA	NC		0.35		ND(0.2)		0.25		0.17		0.16							
Chromium	100	20x RCRA	NC		26		23		18		17		4.9							
Lead	100	20x RCRA	NC		59		11		12		9.2		12							
Mercury	4	20x RCRA	NC		0.034		0.037		0.044		0.031		ND(0.021)							
Selenium	20	20x RCRA	NC		0.68		0.43		0.62		0.45		ND(0.077)							
Silver	100	20x RCRA	NC		ND(1.1)		ND(0.8)		ND(0.82)		ND(0.65)		ND(0.19)							
<i>TCLP Metals (mg/L)</i>																				
Arsenic	5	RCRA	0.5	4070	--		--		--		--		--							
Barium	100	RCRA	10	4070	--		--		--		--		--							
Cadmium	1	RCRA	0.1	4070	--		--		--		--		--							
Chromium	5	RCRA	0.5	4070	--		--		--		--		--							
Lead	5	RCRA	0.5	4070	--		--		--		--		--							
Nickel	NC				--		--		--		--		--							
Mercury	0.2	RCRA	0.02	4070	--		--		--		--		--							
Selenium	1	RCRA	0.1	4070	--		--		--		--		--							
Silver	5	RCRA	0.5	4070	--		--		--		--		--							
Zinc	NC				--		--		--		--		--							
<i>PCBs (mg/kg)</i>																				
Aroclor -1016	50	TSCA	2	4070	ND(0.23)		ND(0.34)		ND(0.35)		ND(0.35)		ND(0.34)							
Aroclor - 1221	50	TSCA	2	4070	ND(0.23)		ND(0.34)		ND(0.35)		ND(0.35)		ND(0.34)							
Aroclor - 1232	50	TSCA	2	4070	ND(0.23)		ND(0.34)		ND(0.35)		ND(0.35)		ND(0.34)							
Aroclor - 1242	50	TSCA	2	4070	ND(0.23)		ND(0.34)		ND(0.35)		ND(0.35)		ND(0.34)							
Aroclor - 1248	50	TSCA	2	4070	ND(0.23)		ND(0.34)		ND(0.35)		ND(0.35)		ND(0.34)							
Aroclor - 1254	50	TSCA	2	4070	ND(0.23)		ND(0.34)		ND(0.35)		ND(0.35)		ND(0.34)							
Aroclor - 1260	50	TSCA	2	4070	ND(0.23)		ND(0.34)		ND(0.35)		ND(0.35)		ND(0.34)							
<i>TCLP VOCs (mg/L)</i>																				
1,1-Dichloroethylene	0.7	RCRA	NC		--		--		--		--		--							
1,2-Dichloroethane	0.5	RCRA	NC		--		--		--		--		--							
1,4-Dichlorobenzene	7.5	RCRA	NC		--		--		--		--		--							
Benzene	0.5	RCRA	NC		--		--		--		--		--							
Carbon tetrachloride	0.5	RCRA	NC		--		--		--		--		--							
Chlorobenzene	100	RCRA	NC		--		--		--		--		--							
Chloroform	6	RCRA	NC		--		--		--		--		--							
2-Butanone	200	RCRA	NC		--		--		--		--		--							
Tetrachloroethene	0.7	RCRA	NC		--		--		--		--		--							
Trichloroethene	0.5	RCRA	NC		--		--		--		--		--							
Vinyl chloride	0.2	RCRA	NC		--		--		--		--		--							
<i>TCLP SVOCs (mg/L)</i>																				

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>					<i>C-12636-062300-CK-459</i>	<i>C-12636-062300-CK-460</i>	<i>C-12636-062300-CK-461</i>	<i>C-12636-062300-CK-462</i>	<i>S-12636-010501-SM-584</i>
<i>Sample Location</i>					<i>Soil</i>	<i>Soil</i>	<i>Soil</i>	<i>Soil</i>	
<i>Grid Coordinates</i>	<i>Primary</i>	<i>Secondary</i>			-	-	-	-	-
<i>Date Sampled</i>	<i>Screening</i>	<i>Screening</i>			-	-	-	-	-
	<i>Criteria</i>	<i>Criteria</i>			<i>6/23/2000</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>1/5/2001</i>
2,4,5-Trichlorophenol	400	RCRA	40	4070	--	--	--	--	--
2,4,6-Trichlorophenol	2	RCRA	0.2	4070	--	--	--	--	--
2,4-Dinitrotoluene	0.13	RCRA	0.013	4070	--	--	--	--	--
2-Methylphenol (o-Cresol)		NC		NC	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)		NC		NC	--	--	--	--	--
Hexachlorobenzene	0.13	RCRA	0.013	4070	--	--	--	--	--
Hexachlorobutadiene	0.5	RCRA		NC	--	--	--	--	--
Hexachloroethane	3	RCRA	0.13	4070	--	--	--	--	--
Nitrobenzene	2	RCRA	0.2	4070	--	--	--	--	--
Pentachlorophenol	100	RCRA	10	4070	--	--	--	--	--
Pyridine	5	RCRA	0.5	4070	--	--	--	--	--
<i>Total Solids (%)</i>	--	--	--	--	73.2	96.7	93.9	96	94.1

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>			<i>C-12636-062300-CK-459</i>	<i>C-12636-062300-CK-460</i>	<i>C-12636-062300-CK-461</i>	<i>C-12636-062300-CK-462</i>	<i>S-12636-010501-SM-584</i>
<i>Sample Location</i>			<i>Soil</i>	<i>Soil</i>	<i>Soil</i>	<i>Soil</i>	
<i>Grid Coordinates</i>	<i>Primary</i>	<i>Secondary</i>	-	-	-	-	-
<i>Date Sampled</i>	<i>Screening</i>	<i>Screening</i>	-	-	-	-	-
	<i>Criteria</i>	<i>Criteria</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>1/5/2001</i>
<i>Total VOCs (µg/kg)</i>							
1,1,1-Trichloroethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
1,1,2,2-Tetrachloroethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
1,1,2-Trichloroethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
1,1-Dichloroethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
1,1-Dichloroethylene	14	RCRA	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
1,2-Dichloroethane	10	RCRA	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
1,2-Dichloropropane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
2-Butanone	NC	NC	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)
2-Hexanone	NC	NC	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)
4-Methyl-2-pentanone	NC	NC	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)
Acetone	NC	NC	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)
Benzene	10	RCRA	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Bromodichloromethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Bromoform	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Bromomethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Carbon disulfide	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Carbon tetrachloride	10	RCRA	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Chlorobenzene	2000	RCRA	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Chloroethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Chloroform	120	RCRA	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Chloromethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
cis-1,2-Dichloroethene	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
cis-1,3-Dichloropropene	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Dibromochloromethane	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Ethylbenzene	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Methylene chloride	NC	NC	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)
o-Xylene	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
p&m-Xylene	NC	NC	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)
Styrene	NC	NC	ND(70)	ND(40)	ND(40)	ND(40)	ND(40)
Tetrachloroethene	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Toluene	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
trans-1,2-Dichloroethene	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
trans-1,3-Dichloropropene	NC	NC	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Trichloroethene	10	RCRA	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
Vinyl chloride	4	RCRA	ND(50)	ND(40)	ND(40)	ND(40)	ND(40)
<i>Total SVOCs (µg/kg)</i>							
1,2,4-Trichlorobenzene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
1,2-Dichlorobenzene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
1,2-Dichlorobenzene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
1,4-Dichlorobenzene	150	RCRA	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
2,4,5-Trichlorophenol	8,000	RCRA	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>			<i>C-12636-062300-CK-459</i>	<i>C-12636-062300-CK-460</i>	<i>C-12636-062300-CK-461</i>	<i>C-12636-062300-CK-462</i>	<i>S-12636-010501-SM-584</i>
<i>Sample Location</i>			<i>Soil</i>	<i>Soil</i>	<i>Soil</i>	<i>Soil</i>	
<i>Grid Coordinates</i>	<i>Primary</i>	<i>Secondary</i>	-	-	-	-	-
<i>Date Sampled</i>	<i>Screening</i>	<i>Screening</i>	-	-	-	-	-
	<i>Criteria</i>	<i>Criteria</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>1/5/2001</i>
2,4,6-Trichlorophenol	40	RCRA	NC	ND(180)	ND(180)	ND(180)	ND(23000)
2,4-Dichlorophenol	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
2,4-Dimethylphenol	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
2,4-Dinitrophenol	NC	NC	ND(920)	ND(690)	ND(710)	ND(700)	ND(89000)
2,4-Dinitrotoluene	2.6	RCRA	NC	ND(180)	ND(180)	ND(180)	ND(23000)
2,6-Dinitrotoluene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
2-Chloronaphthalene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
2-Chlorophenol	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
2-Methyl naphthalene	NC	NC	ND(920)	ND(180)	ND(180)	ND(180)	ND(23000)
2-Methyl-4,6-dinitrophenol	NC	NC	ND(230)	ND(690)	ND(710)	ND(700)	ND(89000)
2-Methylphenol (o-Cresol)	NC	NC	ND(920)	ND(180)	ND(180)	ND(180)	ND(23000)
2-Nitroaniline	NC	NC	ND(230)	ND(690)	ND(710)	ND(700)	ND(89000)
2-Nitrophenol	NC	NC	ND(450)	ND(180)	ND(180)	ND(180)	ND(23000)
3&4-Methylphenol (p&m-Cresol)	NC	NC	ND(920)	ND(340)	ND(340)	ND(340)	ND(44000)
3,3-Dichlorobenzidine	NC	NC	ND(920)	ND(690)	ND(710)	ND(700)	ND(89000)
3-Nitroaniline	NC	NC	ND(230)	ND(690)	ND(710)	ND(700)	ND(89000)
4-Bromophenyl-phenylether	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
4-Chloro-3-methylphenol	NC	NC	ND(920)	ND(180)	ND(180)	ND(180)	ND(23000)
4-Chloroaniline	NC	NC	ND(230)	ND(690)	ND(710)	ND(700)	ND(89000)
4-Chlorophenyl-phenylether	NC	NC	ND(920)	ND(180)	ND(180)	ND(180)	ND(23000)
4-Nitroaniline	NC	NC	ND(920)	ND(690)	ND(710)	ND(700)	ND(89000)
4-Nitrophenol	NC	NC	ND(230)	ND(690)	ND(710)	ND(700)	ND(89000)
Acenaphthene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Acenaphthylene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Anthracene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Benzo(a)anthracene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Benzo[a]pyrene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Benzo[b]fluoranthene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Benzo[g,h,i]perylene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Benzo[k]fluoranthene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Bis(2-Chloroethoxy)methane	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Bis(2-Chloroethyl)ether	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Bis(2-Chloroisopropyl)ether	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Bis(2-Ethylhexyl)phthalate	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Butylbenzylphthalate	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Carbazole	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Chrysene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Di-n-butylphthalate	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Di-n-Octylphthalate	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Dibenzo[a,h]anthracene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Dibenzofuran	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Diethylphthalate	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Dimethylphthalate	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Fluorene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Fluoranthene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>			<i>C-12636-062300-CK-459</i>	<i>C-12636-062300-CK-460</i>	<i>C-12636-062300-CK-461</i>	<i>C-12636-062300-CK-462</i>	<i>S-12636-010501-SM-584</i>
<i>Sample Location</i>			<i>Soil</i>	<i>Soil</i>	<i>Soil</i>	<i>Soil</i>	
<i>Grid Coordinates</i>	<i>Primary</i>	<i>Secondary</i>	-	-	-	-	-
<i>Date Sampled</i>	<i>Screening</i>	<i>Screening</i>	-	-	-	-	-
	<i>Criteria</i>	<i>Criteria</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>6/23/2000</i>	<i>1/5/2001</i>
Hexachlorobenzene	2.6 RCRA	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Hexachlorobutadiene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Hexachlorocyclopentadiene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Hexachloroethane	60 RCRA	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Indeno[1,2,3-c,d]pyrene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Isophorone	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
n-Nitroso-di-n-propylamine	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
n-Nitrosodiphenylamine	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Naphthalene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Nitrobenzene	40 RCRA	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Pentachlorophenol	2,000 RCRA	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Phenanthrene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Phenol	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Pyrene	NC	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)
Pyridine	100 RCRA	NC	ND(230)	ND(180)	ND(180)	ND(180)	ND(23000)

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>PC-061099-12636-KMB-001</i>	<i>S-12636-101299-SM-108</i>
<i>Sample Location</i>	<i>Bldg. 44</i>	<i>Powerhouse</i>
	-	<i>Boilers</i>
<i>Grid Coordinates</i>	2G	-
<i>Date Sampled</i>	-	10/12/1999
<i>Metals (mg/kg)</i>		
Arsenic	--	4.5
Barium	--	78
Cadmium	--	0.36
Chromium	--	12
Lead	--	23
Mercury	--	0.062
Selenium	--	2
Silver	--	0.4
<i>TCLP Metals (mg/L)</i>		
Arsenic	--	--
Barium	--	--
Cadmium	--	--
Chromium	--	--
Lead	--	--
Nickel	--	--
Mercury	--	--
Selenium	--	--
Silver	--	--
Zinc	--	--
<i>PCBs (mg/kg)</i>		
Aroclor -1016	ND(0.033)	--
Aroclor - 1221	ND(0.067)	--
Aroclor - 1232	ND(0.033)	--
Aroclor - 1242	ND(0.033)	--
Aroclor - 1248	ND(0.033)	--
Aroclor - 1254	ND(0.033)	--
Aroclor - 1260	ND(0.033)	--
<i>TCLP VOCs (mg/L)</i>		
1,1-Dichloroethylene	--	--
1,2-Dichloroethane	--	--
1,4-Dichlorobenzene	--	--
Benzene	--	--
Carbon tetrachloride	--	--
Chlorobenzene	--	--
Chloroform	--	--
2-Butanone	--	--
Tetrachloroethene	--	--
Trichloroethene	--	--
Vinyl chloride	--	--
<i>TCLP SVOCs (mg/L)</i>		

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>PC-061099-12636-KMB-001</i>	<i>S-12636-101299-SM-108</i>
<i>Sample Location</i>	<i>Bldg. 44</i>	<i>Powerhouse</i>
	<i>-</i>	<i>Boilers</i>
<i>Grid Coordinates</i>	<i>2G</i>	<i>-</i>
<i>Date Sampled</i>	<i>-</i>	<i>10/12/1999</i>
2,4,5-Trichlorophenol	--	--
2,4,6-Trichlorophenol	--	--
2,4-Dinitrotoluene	--	--
2-Methylphenol (o-Cresol)	--	--
3&4-Methylphenol (p&m-Cresol)	--	--
Hexachlorobenzene	--	--
Hexachlorobutadiene	--	--
Hexachloroethane	--	--
Nitrobenzene	--	--
Pentachlorophenol	--	--
Pyridine	--	--
<i>Total Solids (%)</i>	<i>--</i>	<i>--</i>

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>PC-061099-12636-KMB-001</i>	<i>S-12636-101299-SM-108</i>
<i>Sample Location</i>	<i>Bldg. 44</i>	<i>Powerhouse</i>
	-	<i>Boilers</i>
<i>Grid Coordinates</i>	2G	-
<i>Date Sampled</i>	-	10/12/1999
<i>Total VOCs (µg/kg)</i>		
1,1,1-Trichloroethane	--	--
1,1,2,2-Tetrachloroethane	--	--
1,1,2-Trichloroethane	--	--
1,1-Dichloroethane	--	--
1,1-Dichloroethylene	--	--
1,2-Dichloroethane	--	--
1,2-Dichloropropane	--	--
2-Butanone	--	--
2-Hexanone	--	--
4-Methyl-2-pentanone	--	--
Acetone	--	--
Benzene	--	--
Bromodichloromethane	--	--
Bromoform	--	--
Bromomethane	--	--
Carbon disulfide	--	--
Carbon tetrachloride	--	--
Chlorobenzene	--	--
Chloroethane	--	--
Chloroform	--	--
Chloromethane	--	--
cis-1,2-Dichloroethene	--	--
cis-1,3-Dichloropropene	--	--
Dibromochloromethane	--	--
Ethylbenzene	--	--
Methylene chloride	--	--
o-Xylene	--	--
p&m-Xylene	--	--
Styrene	--	--
Tetrachloroethene	--	--
Toluene	--	--
trans-1,2-Dichloroethene	--	--
trans-1,3-Dichloropropene	--	--
Trichloroethene	--	--
Vinyl chloride	--	--
<i>Total SVOCs (µg/kg)</i>		
1,2,4-Trichlorobenzene	--	--
1,2-Dichlorobenzene	--	--
1,2-Dichlorobenzene	--	--
1,4-Dichlorobenzene	--	--
2,4,5-Trichlorophenol	--	--

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>PC-061099-12636-KMB-001</i>	<i>S-12636-101299-SM-108</i>
<i>Sample Location</i>	<i>Bldg. 44</i>	<i>Powerhouse</i>
	-	<i>Boilers</i>
<i>Grid Coordinates</i>	2G	-
<i>Date Sampled</i>	-	10/12/1999
2,4,6-Trichlorophenol	--	--
2,4-Dichlorophenol	--	--
2,4-Dimethylphenol	--	--
2,4-Dinitrophenol	--	--
2,4-Dinitrotoluene	--	--
2,6-Dinitrotoluene	--	--
2-Chloronaphthalene	--	--
2-Chlorophenol	--	--
2-Methyl naphthalene	--	--
2-Methyl-4,6-dinitrophenol	--	--
2-Methylphenol (o-Cresol)	--	--
2-Nitroaniline	--	--
2-Nitrophenol	--	--
3&4-Methylphenol (p&m-Cresol)	--	--
3,3-Dichlorobenzidine	--	--
3-Nitroaniline	--	--
4-Bromophenyl-phenylether	--	--
4-Chloro-3-methylphenol	--	--
4-Chloroaniline	--	--
4-Chlorophenyl-phenylether	--	--
4-Nitroaniline	--	--
4-Nitrophenol	--	--
Acenaphthene	--	--
Acenaphthylene	--	--
Anthracene	--	--
Benzo(a)anthracene	--	--
Benzo[a]pyrene	--	--
Benzo[b]fluoranthene	--	--
Benzo[g,h,i]perylene	--	--
Benzo[k]fluoranthene	--	--
Bis(2-Chloroethoxy)methane	--	--
Bis(2-Chloroethyl)ether	--	--
Bis(2-Chloroisopropyl)ether	--	--
Bis(2-Ethylhexyl)phthalate	--	--
Butylbenzylphthalate	--	--
Carbazole	--	--
Chrysene	--	--
Di-n-butylphthalate	--	--
Di-n-Octylphthalate	--	--
Dibenzo[a,h]anthracene	--	--
Dibenzofuran	--	--
Diethylphthalate	--	--
Dimethylphthalate	--	--
Fluorene	--	--
Fluoranthene	--	--

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>PC-061099-12636-KMB-001</i>	<i>S-12636-101299-SM-108</i>
<i>Sample Location</i>	<i>Bldg. 44</i>	<i>Powerhouse</i>
	-	<i>Boilers</i>
<i>Grid Coordinates</i>	<i>2G</i>	-
<i>Date Sampled</i>	-	<i>10/12/1999</i>
Hexachlorobenzene	--	--
Hexachlorobutadiene	--	--
Hexachlorocyclopentadiene	--	--
Hexachloroethane	--	--
Indeno[1,2,3-c,d]pyrene	--	--
Isophorone	--	--
n-Nitroso-di-n-propylamine	--	--
n-Nitrosodiphenylamine	--	--
Naphthalene	--	--
Nitrobenzene	--	--
Pentachlorophenol	--	--
Phenanthrene	--	--
Phenol	--	--
Pyrene	--	--
Pyridine	--	--

TABLE 3.7

SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	G-12636-120999-JS-001				G-12636-120999-JS-002				G-12636-120999-JS-003				G-12636-120999-JS-004				G-12636-120999-JS-005				G-12636-120999-JS-009				G-12636-120999-JS-010			
Sample Location	Galbestos				Galbestos				Galbestos				Galbestos				Galbestos				Galbestos							
Grid Coordinates	-				-				-				-				-				-							
Date Sampled	Various				Various				Various				Various				Various				Various							
	12/9/1999				12/9/1999				12/9/1999				12/9/1999				12/9/1999				12/9/1999							
Metals (mg/kg)																												
Arsenic	100	20x RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Barium	2,000	20x RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Cadmium	20	20x RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Chromium	100	20x RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Lead	100	20x RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Mercury	4	20x RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Selenium	20	20x RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Silver	100	20x RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
TCLP Metals (mg/L)																												
Arsenic	5	RCRA	0.5	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Barium	100	RCRA	10	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Cadmium	1	RCRA	0.1	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Chromium	5	RCRA	0.5	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Lead	5	RCRA	0.5	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Nickel	NC				--	--			--	--			--	--			--	--			--	--			--	--		
Mercury	0.2	RCRA	0.02	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Selenium	1	RCRA	0.1	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Silver	5	RCRA	0.5	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Zinc	NC		NC		--	--			--	--			--	--			--	--			--	--			--	--		
PCBs (mg/kg)																												
Aroclor -1016	50	TSCA	2	4070	ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)		
Aroclor - 1221	50	TSCA	2	4070	ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)		
Aroclor - 1232	50	TSCA	2	4070	ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)		
Aroclor - 1242	50	TSCA	2	4070	ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)		
Aroclor - 1248	50	TSCA	2	4070	ND (0.2)	0.87			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)		
Aroclor - 1254	50	TSCA	2	4070	ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			0.25	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)		
Aroclor - 1260	50	TSCA	2	4070	ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			0.32	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)			ND (0.2)	ND (0.2)		
TCLP VOCs (mg/L)																												
1,1-Dichloroethylene	0.7	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
1,2-Dichloroethane	0.5	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
1,4-Dichlorobenzene	7.5	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Benzene	0.5	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Carbon tetrachloride	0.5	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Chlorobenzene	100	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Chloroform	6	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
2-Butanone	200	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Tetrachloroethene	0.7	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Trichloroethene	0.5	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Vinyl chloride	0.2	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
TCLP SVOCs (mg/L)																												
2,4,5-Trichlorophenol	400	RCRA	40	4070	--	--			--	--			--	--			--	--			--	--			--	--		
2,4,6-Trichlorophenol	2	RCRA	0.2	4070	--	--			--	--			--	--			--	--			--	--			--	--		
2,4-Dinitrotoluene	0.13	RCRA	0.013	4070	--	--			--	--			--	--			--	--			--	--			--	--		
2-Methylphenol (o-Cresol)		NC	NC		--	--			--	--			--	--			--	--			--	--			--	--		
3&4-Methylphenol (p&m-Cresol)		NC	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Hexachlorobenzene	0.13	RCRA	0.013	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Hexachlorobutadiene	0.5	RCRA	NC		--	--			--	--			--	--			--	--			--	--			--	--		
Hexachloroethane	3	RCRA	0.13	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Nitrobenzene	2	RCRA	0.2	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Pentachlorophenol	100	RCRA	10	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Pyridine	5	RCRA	0.5	4070	--	--			--	--			--	--			--	--			--	--			--	--		
Total Solids (%)	--	--	--	--	--	--			--	--			--	--			--	--			--	--			--	--		

TABLE 3.7

SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID Sample Location			G-12636-120999-JS-001	G-12636-120999-JS-002	G-12636-120999-JS-003	G-12636-120999-JS-004	G-12636-120999-JS-005	G-12636-120999-JS-009	G-12636-120999-JS-010
	Primary	Secondary	Galbestos	Galbestos	Galbestos	Galbestos	Galbestos	Galbestos	Galbestos
Grid Coordinates	Screening	Screening	-	-	-	-	-	-	-
Date Sampled	Criteria	Criteria	Various	Various	Various	Various	Various	Various	Various
			12/9/1999	12/9/1999	12/9/1999	12/9/1999	12/9/1999	12/9/1999	12/9/1999
Total VOCs (µg/kg)									
1,1,1-Trichloroethane	NC	NC	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NC	NC	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NC	NC	--	--	--	--	--	--	--
1,1-Dichloroethane	NC	NC	--	--	--	--	--	--	--
1,1-Dichloroethylene	14 RCRA	NC	--	--	--	--	--	--	--
1,2-Dichloroethane	10 RCRA	NC	--	--	--	--	--	--	--
1,2-Dichloropropane	NC	NC	--	--	--	--	--	--	--
2-Butanone	NC	NC	--	--	--	--	--	--	--
2-Hexanone	NC	NC	--	--	--	--	--	--	--
4-Methyl-2-pentanone	NC	NC	--	--	--	--	--	--	--
Acetone	NC	NC	--	--	--	--	--	--	--
Benzene	10 RCRA	NC	--	--	--	--	--	--	--
Bromodichloromethane	NC	NC	--	--	--	--	--	--	--
Bromoform	NC	NC	--	--	--	--	--	--	--
Bromomethane	NC	NC	--	--	--	--	--	--	--
Carbon disulfide	NC	NC	--	--	--	--	--	--	--
Carbon tetrachloride	10 RCRA	NC	--	--	--	--	--	--	--
Chlorobenzene	2000 RCRA	NC	--	--	--	--	--	--	--
Chloroethane	NC	NC	--	--	--	--	--	--	--
Chloroform	120 RCRA	NC	--	--	--	--	--	--	--
Chloromethane	NC	NC	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	NC	NC	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NC	NC	--	--	--	--	--	--	--
Dibromochloromethane	NC	NC	--	--	--	--	--	--	--
Ethylbenzene	NC	NC	--	--	--	--	--	--	--
Methylene chloride	NC	NC	--	--	--	--	--	--	--
o-Xylene	NC	NC	--	--	--	--	--	--	--
p&m-Xylene	NC	NC	--	--	--	--	--	--	--
Styrene	NC	NC	--	--	--	--	--	--	--
Tetrachloroethene	NC	NC	--	--	--	--	--	--	--
Toluene	NC	NC	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	NC	NC	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NC	NC	--	--	--	--	--	--	--
Trichloroethene	10 RCRA	NC	--	--	--	--	--	--	--
Vinyl chloride	4 RCRA	NC	--	--	--	--	--	--	--

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	S-12636-121599-MM-209	S-12636-030100-SM-230	S-12636-030100-SM-231	S-12636-030100-SM-232	S-12636-031700-CK-244	S-12636-031700-CK-245	S-12636-032800-CK-246	S-12636-041400-SM-249	S-12636-041400-SM-250
Sample Location	Bldg. 44	Stack Ash (door)	Stack Ash (gate)	Black Tape (powerhouse)	Powerhouse Boiler Ash	Powerhouse Boiler Ash	Black Resin	Potting Material Water Tower	Potting Material Water Tower
Grid Coordinates	J28	-	-	-	-	-	-	-	-
Date Sampled	12/15/1999	3/1/2000	3/1/2000	3/1/2000	3/17/2000	3/17/2000	3/28/2000	4/14/2000	4/14/2000
Metals (mg/kg)									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)									
Arsenic	ND(0.02)	ND(0.02)	0.8	--	1.5	ND(0.02)	--	--	--
Barium	0.39	0.062	0.066	--	0.25	0.54	--	--	--
Cadmium	0.005	0.011	0.022	--	0.054	ND(0.005)	--	--	--
Chromium	ND(0.05)	0.13	0.74	--	0.59	ND(0.05)	--	--	--
Lead	0.03	ND(0.02)	0.1	--	0.48	ND(0.02)	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	ND(0.0002)	ND(0.0002)	ND(0.0002)	--	ND(0.0002)	ND(0.0002)	--	--	--
Selenium	ND(0.02)	0.19	3.3	--	ND(0.02)	ND(0.02)	--	--	--
Silver	ND(0.01)	ND(0.01)	ND(0.01)	--	ND(0.01)	ND(0.01)	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
PCBs (mg/kg)									
Aroclor -1016	--	--	--	ND(0.2)	--	--	--	ND(2.0)	ND(1.4)
Aroclor - 1221	--	--	--	ND(0.2)	--	--	--	ND(2.0)	ND(1.4)
Aroclor - 1232	--	--	--	ND(0.2)	--	--	--	ND(2.0)	ND(1.4)
Aroclor - 1242	--	--	--	ND(0.2)	--	--	--	ND(2.0)	ND(1.4)
Aroclor - 1248	--	--	--	ND(0.2)	--	--	--	ND(2.0)	ND(1.4)
Aroclor - 1254	--	--	--	ND(0.2)	--	--	--	83	19
Aroclor - 1260	--	--	--	ND(0.2)	--	--	--	22	8.7
TCLP VOCs (mg/L)									
1,1-Dichloroethylene	--	--	--	--	--	--	ND(0.01)	--	--
1,2-Dichloroethane	--	--	--	--	--	--	ND(0.01)	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	ND(0.01)	--	--
Benzene	--	--	--	--	--	--	ND(0.01)	--	--
Carbon tetrachloride	--	--	--	--	--	--	ND(0.01)	--	--
Chlorobenzene	--	--	--	--	--	--	ND(0.01)	--	--
Chloroform	--	--	--	--	--	--	ND(0.01)	--	--
2-Butanone	--	--	--	--	--	--	ND(0.1)	--	--
Tetrachloroethene	--	--	--	--	--	--	ND(0.01)	--	--
Trichloroethene	--	--	--	--	--	--	ND(0.01)	--	--
Vinyl chloride	--	--	--	--	--	--	ND(0.01)	--	--
TCLP SVOCs (mg/L)									
2,4,5-Trichlorophenol	--	--	--	--	--	--	ND(0.01)	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	ND(0.01)	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	ND(0.01)	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	ND(0.01)	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	ND(0.02)	--	--
Hexachlorobenzene	--	--	--	--	--	--	ND(0.01)	--	--
Hexachlorobutadiene	--	--	--	--	--	--	ND(0.01)	--	--
Hexachloroethane	--	--	--	--	--	--	ND(0.01)	--	--
Nitrobenzene	--	--	--	--	--	--	ND(0.01)	--	--
Pentachlorophenol	--	--	--	--	--	--	ND(0.01)	--	--
Pyridine	--	--	--	--	--	--	ND(0.02)	--	--
Total Solids (%)	99.4	68.7	84.3	--	97.8	99.3	98.4	99.8	99.7

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-121599-MM-209</i>	<i>S-12636-030100-SM-230</i>	<i>S-12636-030100-SM-231</i>	<i>S-12636-030100-SM-232</i>	<i>S-12636-031700-CK-244</i>	<i>S-12636-031700-CK-245</i>	<i>S-12636-032800-CK-246</i>	<i>S-12636-041400-SM-249</i>	<i>S-12636-041400-SM-250</i>
<i>Sample Location</i>	<i>Bldg. 44</i>	<i>Stack Ash</i>	<i>Stack Ash</i>	<i>Black Tape</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Black Resin</i>	<i>Potting Material</i>	<i>Potting Material</i>
<i>Grid Coordinates</i>	<i>J28</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>12/15/1999</i>	<i>3/1/2000</i>	<i>3/1/2000</i>	<i>3/1/2000</i>	<i>3/17/2000</i>	<i>3/17/2000</i>	<i>3/28/2000</i>	<i>4/14/2000</i>	<i>4/14/2000</i>
<i>Total VOCs (µg/kg)</i>									
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	S-12636-041400-SM-251	S-12636-041400-SM-252	S-12636-041400-SM-253	S-12636-041400-SM-254	S-12636-053100-CK-297	S-12636-053100-CK-298	C-12636-062200-CK-457	S-12636-071000-CK-468
Sample Location	Potting Material 2nd Floor	Potting Material 2nd Floor	Potting Material 2nd Floor	Potting Material 2nd Floor	Sludge From Alkali Pipes	Sludge From Alkali Pipes	Switchyard -	Soil/Sand -
Grid Coordinates	-	-	-	-	-	-	-	P16
Date Sampled	4/14/2000	4/14/2000	4/14/2000	4/14/2000	5/31/2000	5/31/2000	6/22/2000	7/10/2000
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	0.081	0.0021	--	--
Barium	--	--	--	--	0.51	2.9	--	--
Cadmium	--	--	--	--	0.0018	0.64	--	--
Chromium	--	--	--	--	0.014	0.013	--	--
Lead	--	--	--	--	ND (0.0019)	0.0022	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	ND (0.0002)	ND (0.0002)	--	--
Selenium	--	--	--	--	0.0054	0.0084	--	--
Silver	--	--	--	--	ND (0.00039)	ND (0.00025)	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(1.2)	ND(1.4)	ND(1.1)	ND(1.1)	ND (0.64)	ND (0.063)	ND(0.034)	ND(0.34)
Aroclor - 1221	ND(1.2)	ND(1.1)	ND(1.1)	ND(1.1)	ND (0.64)	ND (0.063)	ND(0.034)	ND(0.34)
Aroclor - 1232	ND(1.2)	ND(1.4)	ND(1.1)	ND(1.1)	ND (0.64)	ND (0.063)	ND(0.034)	ND(0.34)
Aroclor - 1242	ND(1.2)	ND(1.4)	ND(1.1)	ND(1.1)	ND (0.64)	ND (0.063)	ND(0.034)	ND(0.34)
Aroclor - 1248	ND(1.2)	ND(1.4)	ND(1.1)	ND(1.1)	ND (0.64)	ND (0.063)	0.15	ND(0.34)
Aroclor - 1254	ND(1.2)	ND(1.4)	110	12	ND (0.64)	0.24	ND(0.034)	ND(0.34)
Aroclor - 1260	12	14	17	14	ND (0.64)	0.082	1.2	ND(0.34)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
1,2-Dichloroethane	--	--	--	--	ND (0.019)	ND (0.013)	--	--
1,4-Dichlorobenzene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Benzene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Carbon tetrachloride	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Chlorobenzene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Chloroform	--	--	--	--	ND (0.019)	ND (0.013)	--	--
2-Butanone	--	--	--	--	ND (0.19)	ND (0.13)	--	--
Tetrachloroethene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Trichloroethene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Vinyl chloride	--	--	--	--	ND (0.019)	ND (0.013)	--	--
TCLP SVOCs (mg/L)								
2,4,5-Trichlorophenol	--	--	--	--	ND (0.019)	ND (0.013)	--	--
2,4,6-Trichlorophenol	--	--	--	--	ND (0.019)	ND (0.013)	--	--
2,4-Dinitrotoluene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	ND (0.019)	ND (0.013)	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	ND (0.039)	ND (0.025)	--	--
Hexachlorobenzene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Hexachlorobutadiene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Hexachloroethane	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Nitrobenzene	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Pentachlorophenol	--	--	--	--	ND (0.019)	ND (0.013)	--	--
Pyridine	--	--	--	--	ND (0.039)	ND (0.025)	--	--
Total Solids (%)	99.6	99.6	99.4	99.8	51.9	79.6	99.4	99

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-041400-SM-251</i>	<i>S-12636-041400-SM-252</i>	<i>S-12636-041400-SM-253</i>	<i>S-12636-041400-SM-254</i>	<i>S-12636-053100-CK-297</i>	<i>S-12636-053100-CK-298</i>	<i>C-12636-062200-CK-457</i>	<i>S-12636-071000-CK-468</i>
<i>Sample Location</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Sludge From</i>	<i>Sludge From</i>	<i>Switchyard</i>	<i>Soil/Sand</i>
<i>Grid Coordinates</i>	<i>2nd Floor</i>	<i>2nd Floor</i>	<i>2nd Floor</i>	<i>2nd Floor</i>	<i>Alkali Pipes</i>	<i>Alkali Pipes</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>4/14/2000</i>	<i>4/14/2000</i>	<i>4/14/2000</i>	<i>4/14/2000</i>	<i>5/31/2000</i>	<i>5/31/2000</i>	<i>6/22/2000</i>	<i>7/10/2000</i>
<i>Total VOCs (µg/kg)</i>								
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-071000-CK-469</i>	<i>S-12636-071000-CK-470</i>	<i>S-12636-071000-CK-471</i>	<i>S-12636-071000-CK-472</i>	<i>S-12636-071000-CK-473</i>	<i>S-12636-071000-CK-474</i>
<i>Sample Location</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>
<i>Grid Coordinates</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>
<i>Date Sampled</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>
<i>Metals (mg/kg)</i>						
Arsenic	--	--	--	--	--	--
Barium	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--
Chromium	--	--	--	--	--	--
Lead	--	--	--	--	--	--
Mercury	--	--	--	--	--	--
Selenium	--	--	--	--	--	--
Silver	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>						
Arsenic	--	--	--	--	--	--
Barium	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--
Chromium	--	--	--	--	--	--
Lead	--	--	--	--	--	--
Nickel	--	--	--	--	--	--
Mercury	--	--	--	--	--	--
Selenium	--	--	--	--	--	--
Silver	--	--	--	--	--	--
Zinc	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>						
Aroclor -1016	ND(0.34)	ND(0.28)	ND(0.1)	ND(0.34)	ND(0.34)	ND(0.34)
Aroclor - 1221	ND(0.34)	ND(0.28)	ND(0.1)	ND(0.34)	ND(0.34)	ND(0.34)
Aroclor - 1232	ND(0.34)	ND(0.28)	ND(0.1)	ND(0.34)	ND(0.34)	ND(0.34)
Aroclor - 1242	ND(0.34)	ND(0.28)	ND(0.1)	ND(0.34)	ND(0.34)	ND(0.34)
Aroclor - 1248	2.1	ND(0.28)	ND(0.1)	ND(0.34)	ND(0.34)	ND(0.34)
Aroclor - 1254	ND(0.34)	ND(0.28)	ND(0.1)	ND(0.34)	ND(0.34)	ND(0.34)
Aroclor - 1260	ND(0.34)	ND(0.28)	ND(0.1)	ND(0.34)	ND(0.34)	ND(0.34)
<i>TCLP VOCs (mg/L)</i>						
1,1-Dichloroethylene	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--
Benzene	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
<i>TCLP SVOCs (mg/L)</i>						
2,4,5-Trichlorophenol	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--
<i>Total Solids (%)</i>	99	99	99	98.5	97.2	99

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-071000-CK-469</i>	<i>S-12636-071000-CK-470</i>	<i>S-12636-071000-CK-471</i>	<i>S-12636-071000-CK-472</i>	<i>S-12636-071000-CK-473</i>	<i>S-12636-071000-CK-474</i>
<i>Sample Location</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>
	-	-	-	-	-	-
<i>Grid Coordinates</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>
<i>Date Sampled</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>
<i>Total VOCs (µg/kg)</i>						
1,1,1-Trichloroethane	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Acetone	--	--	--	--	--	--
Benzene	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Toluene	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-071000-CK-475</i>	<i>S-12636-071000-CK-476</i>	<i>S-12636-071000-CK-570</i>	<i>S-12636-071000-CK-571</i>	<i>S-12636-071000-CK-572</i>	<i>S-12636-112700-SM-573</i>	<i>S-12636-112700-SM-574</i>
<i>Sample Location</i>	<i>Soil/Sand</i>	<i>Soil/Sand</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>
<i>Grid Coordinates</i>	<i>P16</i>	<i>P16</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>7/10/2000</i>	<i>11/27/2000</i>	<i>11/27/2000</i>
<i>Metals (mg/kg)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	ND(0.34)	ND(1.17)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1221	ND(0.34)	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1232	ND(0.34)	ND(1.17)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1242	ND(0.34)	ND(1.17)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1248	ND(0.34)	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1254	ND(0.34)	ND(1.17)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1260	ND(0.34)	ND(1.17)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(5.0)
<i>TCLP VOCs (mg/L)</i>							
1,1-Dichloroethylene	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/L)</i>							
2,4,5-Trichlorophenol	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--
<i>Total Solids (%)</i>	99.3	97.6	100	99.9	99.9	99.9	99.9

TABLE 3.7

SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	S-12636-071000-CK-475	S-12636-071000-CK-476	S-12636-071000-CK-570	S-12636-071000-CK-571	S-12636-071000-CK-572	S-12636-112700-SM-573	S-12636-112700-SM-574
Sample Location	Soil/Sand	Soil/Sand	Potting Material	Potting Material	Potting Material	Potting Material	Potting Material
Grid Coordinates	P16	P16	-	-	-	-	-
Date Sampled	7/10/2000	7/10/2000	7/10/2000	7/10/2000	7/10/2000	11/27/2000	11/27/2000
Total VOCs (µg/kg)							
1,1,1-Trichloroethane	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-112700-SM-575</i>	<i>S-12636-112700-SM-576</i>	<i>S-12636-112700-SM-577</i>	<i>S-12636-112700-SM-578</i>	<i>S-12636-112700-SM-579</i>	<i>S-12636-112700-SM-580</i>	<i>S-12636-112700-SM-581</i>	<i>S-12636-112700-SM-582</i>
<i>Sample Location</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>	<i>Potting Material</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>11/27/2000</i>	<i>11/27/2000</i>	<i>11/27/2000</i>	<i>11/27/2000</i>	<i>11/27/2000</i>	<i>11/27/2000</i>	<i>11/27/2000</i>	<i>11/27/2000</i>
<i>Metals (mg/kg)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>								
Aroclor -1016	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1221	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1232	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1242	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1248	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1254	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Aroclor - 1260	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
<i>TCLP VOCs (mg/L)</i>								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
<i>Total Solids (%)</i>	99.9	99.9	100	100	100	99.9	99.9	99.9

TABLE 3.7

SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	S-12636-112700-SM-575	S-12636-112700-SM-576	S-12636-112700-SM-577	S-12636-112700-SM-578	S-12636-112700-SM-579	S-12636-112700-SM-580	S-12636-112700-SM-581	S-12636-112700-SM-582
Sample Location	Potting Material	Potting Material	Potting Material	Potting Material	Potting Material	Potting Material	Potting Material	Potting Material
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	11/27/2000	11/27/2000	11/27/2000	11/27/2000	11/27/2000	11/27/2000	11/27/2000	11/27/2000
Total VOCs (µg/kg)								
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-112700-SM-583</i>	<i>S-12636-010501-SM-585</i>	<i>S-12636-050801-SM-587</i>	<i>S-12636-050801-SM-588</i>	<i>S-12636-052301-SM-589</i>	<i>S-12636-052301-SM-590</i>	<i>S-12636-052301-SM-591</i>
<i>Sample Location</i>	<i>Potting Material</i>		<i>Pot. Transformers</i>	<i>Pot. Transformers</i>	<i>Pot. Transformers</i>	<i>Pot. Transformers</i>	<i>Pot. Transformers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>11/27/2000</i>	<i>1/5/2001</i>	<i>5/8/2001</i>	<i>5/8/2001</i>	<i>5/23/2001</i>	<i>5/23/2001</i>	<i>5/23/2001</i>
<i>Metals (mg/kg)</i>							
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
<i>TCPL Metals (mg/L)</i>							
Arsenic	--	0.028	--	--	--	--	--
Barium	--	0.59	--	--	--	--	--
Cadmium	--	ND(1)	--	--	--	--	--
Chromium	--	0.041	--	--	--	--	--
Lead	--	0.15	--	--	--	--	--
Nickel	--	--	--	--	--	--	--
Mercury	--	ND(0.2)	--	--	--	--	--
Selenium	--	ND(0.04)	--	--	--	--	--
Silver	--	ND(0.004)	--	--	--	--	--
Zinc	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>							
Aroclor -1016	ND(5.0)	ND(0.14)	ND(1)	ND(1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(5.0)	ND(0.14)	ND(1)	ND(1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(5.0)	ND(0.14)	ND(1)	ND(1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(5.0)	ND(0.14)	ND(1)	ND(1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(5.0)	0.21	ND(1)	ND(1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(5.0)	0.24	ND(1)	ND(1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(5.0)	ND(0.14)	ND(1)	1.1	ND(0.1)	ND(0.1)	ND(0.1)
<i>TCPL VOCs (mg/L)</i>							
1,1-Dichloroethylene	--	ND(0.01)	--	--	--	--	--
1,2-Dichloroethane	--	ND(0.01)	--	--	--	--	--
1,4-Dichlorobenzene	--	ND(0.01)	--	--	--	--	--
Benzene	--	ND(0.1)	--	--	--	--	--
Carbon tetrachloride	--	ND(0.01)	--	--	--	--	--
Chlorobenzene	--	ND(0.01)	--	--	--	--	--
Chloroform	--	ND(0.01)	--	--	--	--	--
2-Butanone	--	ND(0.01)	--	--	--	--	--
Tetrachloroethene	--	ND(0.01)	--	--	--	--	--
Trichloroethene	--	ND(0.01)	--	--	--	--	--
Vinyl chloride	--	ND(0.01)	--	--	--	--	--
<i>TCPL SVOCs (mg/L)</i>							
2,4,5-Trichlorophenol	--	ND(0.01)	--	--	--	--	--
2,4,6-Trichlorophenol	--	ND(0.01)	--	--	--	--	--
2,4-Dinitrotoluene	--	ND(0.01)	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	ND(0.01)	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	ND(0.02)	--	--	--	--	--
Hexachlorobenzene	--	ND(0.01)	--	--	--	--	--
Hexachlorobutadiene	--	ND(0.01)	--	--	--	--	--
Hexachloroethane	--	ND(0.01)	--	--	--	--	--
Nitrobenzene	--	ND(0.01)	--	--	--	--	--
Pentachlorophenol	--	ND(0.01)	--	--	--	--	--
Pyridine	--	ND(0.02)	--	--	--	--	--
<i>Total Solids (%)</i>	99.9	69.8	--	--	99.9	100	100

TABLE 3.7

**SOLID SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>S-12636-112700-SM-583</i>	<i>S-12636-010501-SM-585</i>	<i>S-12636-050801-SM-587</i>	<i>S-12636-050801-SM-588</i>	<i>S-12636-052301-SM-589</i>	<i>S-12636-052301-SM-590</i>	<i>S-12636-052301-SM-591</i>
<i>Sample Location</i>	<i>Potting Material</i>		<i>Pot. Transformers</i>	<i>Pot. Transformers</i>	<i>Pot. Transformers</i>	<i>Pot. Transformers</i>	<i>Pot. Transformers</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	<i>11/27/2000</i>	<i>1/5/2001</i>	<i>5/8/2001</i>	<i>5/8/2001</i>	<i>5/23/2001</i>	<i>5/23/2001</i>	<i>5/23/2001</i>
<i>Total VOCs (µg/kg)</i>							
1,1,1-Trichloroethane	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--
2-Hexanone	--	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--

TABLE 3.7

**SOLID SAMPLES ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Notes:

NC	No criteria established.
RCRA	Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for determination of characteristically hazardous waste.
TSCA	Criterion is the TSCA threshold for designation of a manufactured product as Bulk Product Waste at the time of disposal.
4070	Criteria established in the GM/ USPCI Contract No. 4070.
20x RCRA	Criteria is 20 times the TCLP criteria for characteristically hazardous waste as defined in RCRA, 40 CFR Part 261.
3.7	Exceeds the primary screening criteria.
3.7	Exceeds the primary and secondary screening criteria.

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	PC-061099-1236-KMB-001				PC-061099-1236-KMB-005				PC-061099-1236-KMB-014				PC-061099-1236-KMB-015				PC-061099-1236-KMB-016				PC-061099-1236-KMB-017				PC-061099-1236-KMB-018			
Sample Location	Exposed Concrete Under Wood Block				Substation No. 3 Transformer Pad				Concrete Below Floor Block				Concrete Below Floor Block				Battery Charge Area Floor				Concrete Below Floor Block				Concrete Below Floor Block			
Grid Coordinates	2G				D14				L21				E19				S15				D7				N6			
Date Sampled	6/10/1999				6/10/1999				6/10/1999				6/10/1999				6/10/1999				6/10/1999				6/10/1999			
	Primary Screening Criteria		Secondary Screening Criteria																									
Metals (mg/kg)																												
Arsenic	100	20x RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Barium	2,000	20x RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Cadmium	20	20x RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Chromium	100	20x RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Copper	NC		NC		--		--		--		--		--		--		--		--		--		--		--		--	
Lead	100	20x RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Mercury	4	20x RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Nickel	NC		NC		--		--		--		--		--		--		--		--		--		--		--		--	
Selenium	20	20x RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Silver	100	20x RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
TCLP Metals (mg/L)																												
Arsenic	5	RCRA	0.5	4070	ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)	
Barium	100	RCRA	10	4070	ND(1.0)		ND(1.0)		ND(1.0)		ND(1.0)		1.0		ND(1.0)		ND(1.0)		ND(1.0)		ND(1.0)		ND(1.0)		ND(1.0)		ND(1.0)	
Cadmium	1	RCRA	0.1	4070	ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)		ND(0.01)	
Chromium	5	RCRA	0.5	4070	ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)	
Lead	5	RCRA	0.5	4070	ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)	
Nickel	NC		NC		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Mercury	0.2	RCRA	0.02	4070	ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)		ND(0.0002)	
Selenium	1	RCRA	0.1	4070	ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)		ND(0.2)	
Silver	5	RCRA	0.5	4070	ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)		ND(0.02)	
Zinc	NC		NC		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
PCBs (mg/kg)																												
Aroclor -1016	10	TSCA	2	4070	ND(33)		ND(33)		ND(33)		ND(33)		ND(990)		ND(33)		ND(33)		ND(990)		ND(990)		ND(990)		ND(990)		ND(990)	
Aroclor - 1221	10	TSCA	2	4070	ND(67)		ND(67)		ND(67)		ND(67)		ND(2010)		ND(67)		ND(67)		ND(2010)		ND(2010)		ND(2010)		ND(2010)		ND(2010)	
Aroclor - 1232	10	TSCA	2	4070	ND(33)		ND(33)		ND(33)		ND(33)		ND(990)		ND(33)		ND(33)		ND(990)		ND(990)		ND(990)		ND(990)		ND(990)	
Aroclor - 1242	10	TSCA	2	4070	ND(33)		ND(33)		ND(33)		ND(33)		ND(990)		ND(33)		ND(33)		ND(990)		ND(990)		ND(990)		ND(990)		ND(990)	
Aroclor - 1248	10	TSCA	2	4070	ND(33)		ND(33)		ND(33)		ND(33)		ND(990)		ND(33)		ND(33)		ND(990)		ND(990)		ND(990)		ND(990)		ND(990)	
Aroclor - 1254	10	TSCA	2	4070	ND(33)		ND(33)		ND(33)		ND(33)		ND(990)		ND(33)		ND(33)		ND(990)		ND(990)		ND(990)		ND(990)		ND(990)	
Aroclor - 1260	10	TSCA	2	4070	ND(33)		0.28		ND(33)		ND(33)		ND(990)		ND(33)		ND(33)		ND(990)		ND(990)		ND(990)		ND(990)		ND(990)	
TCLP VOCs (mg/L)																												
1,1-Dichloroethylene	0.7	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
1,2-Dichloroethane	0.5	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
1,4-Dichlorobenzene	7.5	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Benzene	0.5	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Carbon tetrachloride	0.5	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Chlorobenzene	100	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Chloroform	6	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
2-Butanone	200	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Tetrachloroethene	0.7	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Trichloroethene	0.5	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	
Vinyl chloride	0.2	RCRA	NC		--		--		--		--		--		--		--		--		--		--		--		--	

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	PC-061099-1236-KMB-001				PC-061099-1236-KMB-005				PC-061099-1236-KMB-014				PC-061099-1236-KMB-015				PC-061099-1236-KMB-016				PC-061099-1236-KMB-017				PC-061099-1236-KMB-018			
Sample Location	Exposed Concrete Under Wood Block				Substation No. 3 Transformer Pad				Concrete Below Floor Block				Concrete Below Floor Block				Battery Charge Area Floor				Concrete Below Floor Block				Concrete Below Floor Block			
Grid Coordinates	2G				D14				L21				E19				S15				D7				N6			
Date Sampled	6/10/1999				6/10/1999				6/10/1999				6/10/1999				6/10/1999				6/10/1999				6/10/1999			
	Primary Screening Criteria		Secondary Screening Criteria																									
TCLP SVOCs (mg/L)																												
2,4,5-Trichlorophenol	400	RCRA	40	4070	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	2	RCRA	0.2	4070	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	0.13	RCRA	0.013	4070	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	NC		NC		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre)	NC		NC		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	0.13	RCRA	0.013	4070	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	0.5	RCRA	NC		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	3	RCRA	0.13	4070	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	2	RCRA	0.2	4070	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	100	RCRA	10	4070	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyridine	5	RCRA	0.5	4070	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>PC-061099-1236-KMB-019</i>	<i>C-12636-112499-MM-157</i>	<i>C-12636-112499-MM-158</i>	<i>C-12636-112499-MM-159</i>	<i>C-12636-112499-MM-160</i>	<i>C-12636-112499-MM-161</i>	<i>C-12636-112499-MM-162</i>	<i>C-12636-112499-MM-163</i>	<i>C-12636-112499-MM-164</i>
<i>Sample Location</i>	<i>Concrete Below Floor</i>	<i>Battery Charge</i>	<i>Battery Charge</i>	<i>Battery Charge</i>	<i>Battery Charge</i>	<i>Battery Charge</i>	<i>North Plating</i>	<i>North Plating</i>	<i>North Plating</i>
<i>Grid Coordinates</i>	<i>M13</i>	<i>S14</i>	<i>Area Floor</i>	<i>Area Floor</i>	<i>Area Floor</i>	<i>Area Floor</i>	<i>Area</i>	<i>Area</i>	<i>Area</i>
<i>Date Sampled</i>	<i>6/10/1999</i>	<i>11/24/1999</i>	<i>S14</i>	<i>S15</i>	<i>S15</i>	<i>G33</i>	<i>F34</i>	<i>G34</i>	<i>F35</i>
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	0.24	0.33	0.16	0.24
Chromium	--	--	--	--	--	13	14	10	17
Copper	--	--	--	--	--	15	17	20	14
Lead	--	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	9.9	12	10	45
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	ND(0.2)	--	--	--	--	--	--	--	--
Barium	ND(1.0)	--	--	--	--	--	--	--	--
Cadmium	ND(0.01)	--	--	--	--	--	--	--	--
Chromium	ND(0.02)	--	--	--	--	--	--	--	--
Lead	ND(0.1)	--	--	--	--	--	--	--	--
Nickel	NA	--	--	--	--	--	--	--	--
Mercury	ND(0.0002)	--	--	--	--	--	--	--	--
Selenium	ND(0.2)	--	--	--	--	--	--	--	--
Silver	ND(0.02)	--	--	--	--	--	--	--	--
Zinc	NA	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(33)	--	--	--	--	--	--	--	--
Aroclor - 1221	ND(67)	--	--	--	--	--	--	--	--
Aroclor - 1232	ND(33)	--	--	--	--	--	--	--	--
Aroclor - 1242	ND(33)	--	--	--	--	--	--	--	--
Aroclor - 1248	ND(33)	--	--	--	--	--	--	--	--
Aroclor - 1254	ND(33)	--	--	--	--	--	--	--	--
Aroclor - 1260	0.48	--	--	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	PC-061099-1236-KMB-019	C-12636-112499-MM-157	C-12636-112499-MM-158	C-12636-112499-MM-159	C-12636-112499-MM-160	C-12636-112499-MM-161	C-12636-112499-MM-162	C-12636-112499-MM-163	C-12636-112499-MM-164
Sample Location	Concrete Below Floor	Battery Charge	Battery Charge	Battery Charge	Battery Charge	Battery Charge	North Plating	North Plating	North Plating
Grid Coordinates	Block	Area Floor	Area Floor	Area Floor	Area Floor	Area Floor	Area Floor	Area Floor	Area Floor
Date Sampled	M13	S14	S14	S15	S15	G33	F34	G34	F35
	6/10/1999	11/24/1999							
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-112499-MM-165</i>	<i>C-12636-112499-MM-166</i>	<i>C-12636-113099-MM-181</i>	<i>C-12636-113099-MM-182</i>	<i>C-12636-113099-MM-187</i>	<i>C-12636-113099-MM-188</i>	<i>C-12636-113099-MM-189</i>	<i>C-12636-113099-MM-190</i>	<i>C-12636-113099-MM-191</i>
<i>Sample Location</i>	<i>11/24/1999</i>	<i>11/24/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>
<i>Grid Coordinates</i>	<i>East Asphalt</i>	<i>Switchhouse</i>	<i>Basement</i>	<i>Basement</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 3</i>
<i>Date Sampled</i>	<i>Storage</i>	<i>Battery Storage</i>	<i>Electroplate Area</i>	<i>Paint Room Wall Core</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>
	<i>S17</i>	<i>-</i>	<i>G30</i>	<i>J29</i>	<i>E8</i>	<i>E8</i>	<i>E8</i>	<i>E8</i>	<i>E8</i>
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	4.4	--	--	--	--	--
Chromium	--	--	--	60	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	ND (0.02)	--	280	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	ND (0.5)	--	--	--	--	--	--
Chromium	--	--	ND (5)	--	--	--	--	--	--
Lead	--	--	--	0.02	--	--	--	--	--
Nickel	--	--	ND (0.5)	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	ND (2)	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	--	--	--	--	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1221	--	--	--	--	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1232	--	--	--	--	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1242	--	--	--	--	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1248	--	--	--	--	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor - 1254	--	--	--	--	2.6	0.29	0.34	ND (0.2)	0.5
Aroclor - 1260	--	--	--	--	0.62	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
1,2-Dichloroethane	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
1,4-Dichlorobenzene	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
Benzene	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
Carbon tetrachloride	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
Chlorobenzene	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
Chloroform	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
2-Butanone	0.18	--	--	ND (0.10)	--	--	--	--	--
Tetrachloroethene	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
Trichloroethene	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--
Vinyl chloride	ND (0.010)	--	--	ND (0.010)	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-112499-MM-165</i>	<i>C-12636-112499-MM-166</i>	<i>C-12636-113099-MM-181</i>	<i>C-12636-113099-MM-182</i>	<i>C-12636-113099-MM-187</i>	<i>C-12636-113099-MM-188</i>	<i>C-12636-113099-MM-189</i>	<i>C-12636-113099-MM-190</i>	<i>C-12636-113099-MM-191</i>
<i>Sample Location</i>	<i>11/24/1999</i>	<i>11/24/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>
<i>Grid Coordinates</i>	<i>East Asphalt</i>	<i>Switchhouse</i>	<i>Basement</i>	<i>Basement</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 3</i>
<i>Date Sampled</i>	<i>Storage</i>	<i>Battery Storage</i>	<i>Electroplate Area</i>	<i>Paint Room Wall Core</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>
	<i>S17</i>	<i>-</i>	<i>G30</i>	<i>J29</i>	<i>E8</i>	<i>E8</i>	<i>E8</i>	<i>E8</i>	<i>E8</i>
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	ND (0.10)	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	ND (0.10)	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	ND (0.10)	--	--	--	--	--	--	--	--
2-Methylphenol	ND (0.10)	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	ND (0.10)	--	--	--	--	--	--	--	--
Hexachlorobenzene	ND (0.10)	--	--	--	--	--	--	--	--
Hexachlorobutadiene	ND (0.10)	--	--	--	--	--	--	--	--
Hexachloroethane	ND (0.10)	--	--	--	--	--	--	--	--
Nitrobenzene	ND (0.10)	--	--	--	--	--	--	--	--
Pentachlorophenol	ND (0.10)	--	--	--	--	--	--	--	--
Pyridine	ND (0.20)	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-113099-MM-192</i>	<i>C-12636-113099-MM-193</i>	<i>C-12636-113099-MM-194</i>	<i>C-12636-113099-MM-195</i>	<i>C-12636-113099-MM-196</i>	<i>C-12636-113099-MM-197</i>	<i>C-12636-113099-MM-198</i>	<i>C-12636-113099-MM-199</i>	<i>C-12636-113099-MM-200</i>
<i>Sample Location</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>
<i>Grid Coordinates</i>	<i>Fan Room No. 3</i>	<i>Fan Room No. 13</i>	<i>Fan Room No. 13</i>	<i>Fan Room No. 13</i>	<i>Fan Room No. 13</i>	<i>Fan Room No. 13</i>	<i>Fan Room No. 13</i>	<i>Building 63</i>	<i>Building 63</i>
<i>Date Sampled</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Below Capacitor</i>	<i>Painted Pb non-metal surfaces^a</i>	<i>Painted Pb non-metal surfaces</i>
	<i>E8</i>	<i>E30</i>	<i>E30</i>	<i>E30</i>	<i>E30</i>	<i>E30</i>	<i>E30</i>	<i>West Wall</i>	<i>East Wall</i>
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCPL Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	ND (2)	ND (2)
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	--	--
Aroclor - 1221	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	--	--
Aroclor - 1232	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	--	--
Aroclor - 1242	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	--	--
Aroclor - 1248	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	--	--
Aroclor - 1254	1.5	0.61	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.25	--
Aroclor - 1260	0.26	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	--	--
<i>TCPL VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-113099-MM-192	C-12636-113099-MM-193	C-12636-113099-MM-194	C-12636-113099-MM-195	C-12636-113099-MM-196	C-12636-113099-MM-197	C-12636-113099-MM-198	C-12636-113099-MM-199	C-12636-113099-MM-200
Sample Location	11/30/1999 Fan Room No. 3 Below Capacitor E8	11/30/1999 Fan Room No. 13 Below Capacitor E30	11/30/1999 Fan Room No. 13 Below Capacitor E30	11/30/1999 Fan Room No. 13 Below Capacitor E30	11/30/1999 Fan Room No. 13 Below Capacitor E30	11/30/1999 Fan Room No. 13 Below Capacitor E30	11/30/1999 Fan Room No. 13 Below Capacitor E30	11/30/1999 Building 63 Painted Pb non-metal surfaces ^a West Wall	11/30/1999 Building 63 Painted Pb non-metal surfaces ^a East Wall
Grid Coordinates									
Date Sampled									
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-113099-MM-201</i>	<i>C-12636-113099-MM-202</i>	<i>C-12636-113099-MM-203</i>	<i>C-12636-113099-MM-204</i>	<i>C-12636-121799-MM-214</i>	<i>C-12636-121799-MM-214B</i>	<i>C-12636-121799-MM-214C</i>	<i>C-12636-121799-MM-215</i>	<i>C-12636-121799-MM-216</i>
<i>Sample Location</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>11/30/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>
<i>Grid Coordinates</i>	<i>Building 63</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Powerhouse</i>	<i>Basement Fan Room</i>	<i>Basement Fan Room</i>	<i>Basement Fan Room</i>	<i>Basement Fan Room</i>	<i>Basement Fan Room</i>
<i>Date Sampled</i>	<i>Painted Pb non-metal surfaces</i>	<i>Battery Storage Area</i>	<i>Painted Pb non-metal surfaces</i>	<i>Painted Pb non-metal surfaces</i>	<i>South Capacitor</i>	<i>South Capacitor</i>	<i>South Capacitor</i>	<i>South Capacitor</i>	<i>South Capacitor</i>
	<i>NW Corner</i>	<i>Basement</i>	<i>Various</i>	<i>Various</i>	<i>B28</i>	<i>B28</i>	<i>B28</i>	<i>B28</i>	<i>B28</i>
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	ND (2)	ND (2)	ND (2)	ND (2)	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	--	--	--	--	ND (1.0)	ND(.87)	ND(0.35)	ND (0.2)	ND (0.2)
Aroclor - 1221	--	--	--	--	ND (1.0)	ND(.87)	ND(0.35)	ND (0.2)	ND (0.2)
Aroclor - 1232	--	--	--	--	ND (1.0)	ND(.87)	ND(0.35)	ND (0.2)	ND (0.2)
Aroclor - 1242	--	--	--	--	ND (1.0)	ND(.87)	ND(0.35)	ND (0.2)	ND (0.2)
Aroclor - 1248	--	--	--	--	ND (1.0)	ND(.87)	ND(0.35)	ND (0.2)	ND (0.2)
Aroclor - 1254	--	--	--	--	29	ND(.87)	5.3	ND (0.2)	0.51
Aroclor - 1260	--	--	--	--	3.3	25	1.5	ND (0.2)	ND (0.2)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-113099-MM-201	C-12636-113099-MM-202	C-12636-113099-MM-203	C-12636-113099-MM-204	C-12636-121799-MM-214	C-12636-121799-MM-214B	C-12636-121799-MM-214C	C-12636-121799-MM-215	C-12636-121799-MM-216
Sample Location	11/30/1999 Building 63	11/30/1999 Powerhouse	11/30/1999 Powerhouse	11/30/1999 Powerhouse	12/17/1999 Basement Fan Room	12/17/1999 Basement Fan Room	12/17/1999 Basement Fan Room	12/17/1999 Basement Fan Room	12/17/1999 Basement Fan Room
Grid Coordinates	Painted Pb non-metal surfaces	Battery Storage Area	Painted Pb non-metal surfaces	Painted Pb non-metal surfaces	South Capacitor	South Capacitor	South Capacitor	South Capacitor	South Capacitor
Date Sampled	NW Corner	Basement	Various	Various	B28	B28	B28	B28	B28
TCCLP SVOCs (mg/L)									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-121799-MM-217</i>	<i>C-12636-121799-MM-218</i>	<i>C-12636-121799-MM-219</i>	<i>C-12636-012700-MM-220A</i>	<i>C-12636-012700-MM-221A</i>	<i>C-12636-012700-MM-222A</i>	<i>C-12636-012700-MM-223A</i>	<i>C-12636-012700-MM-224</i>	<i>C-12636-012700-MM-225</i>
<i>Sample Location</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>12/17/1999</i>	<i>1/27/2000</i>	<i>1/27/2000</i>	<i>1/27/2000</i>	<i>1/27/2000</i>	<i>1/27/2000</i>	<i>1/27/2000</i>
<i>Grid Coordinates</i>	<i>Basement Fan Room</i>	<i>Basement Fan Room</i>	<i>Basement Fan Room</i>	<i>Basement Fan Room</i>	<i>Basement Fan Room</i>	<i>Substation 7</i>	<i>Fan Room 3</i>	<i>Fan Room 3</i>	<i>Sub 1A</i>
<i>Date Sampled</i>	<i>South Capacitor</i>	<i>South Capacitor</i>	<i>South Capacitor</i>	<i>0 - 3"</i>	<i>0 - 3"</i>	<i>-</i>	<i>2nd Floor</i>	<i>2nd Floor</i>	<i>-</i>
	<i>B28</i>	<i>B28</i>	<i>B28</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND (0.2)	ND (0.2)	ND (0.2)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1221	ND (0.2)	ND (0.2)	ND (0.2)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1232	ND (0.2)	ND (0.2)	ND (0.2)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1242	ND (0.2)	ND (0.2)	ND (0.2)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1248	ND (0.2)	ND (0.2)	ND (0.2)	ND(0.034)	ND(0.034)	0.066	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1254	0.25	0.32	2.8	0.25	0.54	ND(0.034)	0.28	0.3	ND(0.034)
Aroclor - 1260	ND (0.2)	ND (0.2)	0.47	0.059	0.13	ND(0.034)	0.05	0.069	3.9
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-121799-MM-217	C-12636-121799-MM-218	C-12636-121799-MM-219	C-12636-012700-MM-220A	C-12636-012700-MM-221A	C-12636-012700-MM-222A	C-12636-012700-MM-223A	C-12636-012700-MM-224	C-12636-012700-MM-225
Sample Location	12/17/1999	12/17/1999	12/17/1999	1/27/2000	1/27/2000	1/27/2000	1/27/2000	1/27/2000	1/27/2000
Grid Coordinates	Basement Fan Room	Basement Fan Room	Basement Fan Room	Basement Fan Room	Basement Fan Room	Substation 7	Fan Room 3	Fan Room 3	Sub 1A
Date Sampled	South Capacitor B28	South Capacitor B28	South Capacitor B28	0 - 3" -	0 - 3" -	- -	2nd Floor -	2nd Floor -	- -
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	97.0	96.8	99.2	99.3	99.5	99.4

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-012700-MM-226</i>	<i>C-12636-012700-MM-227</i>	<i>C-12636-030200-CK-233</i>	<i>C-12636-030200-CK-234</i>	<i>C-12636-030200-CK-235</i>	<i>C-12636-030200-CK-236</i>	<i>C-12636-030200-CK-237</i>	<i>C-12636-030200-CK-238</i>	<i>C-12636-030200-CK-239</i>
<i>Sample Location</i>	<i>1/27/2000</i>	<i>1/27/2000</i>	<i>3/2/2000</i>	<i>3/2/2000</i>	<i>3/2/2000</i>	<i>3/2/2000</i>	<i>3/2/2000</i>	<i>3/2/2000</i>	<i>3/2/2000</i>
	<i>Building 44</i>	<i>Building 44</i>	<i>Fan Room 13</i>	<i>Fan Room 13</i>	<i>Fan Room 13</i>	<i>Fan Room 3</i>	<i>Fan Room 3</i>	<i>Fan Room 3</i>	<i>Fan Room 3</i>
<i>Grid Coordinates</i>	<i>Above ceiling tiles</i>	<i>2nd floor</i>	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-	-
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(0.034)	ND(0.034)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
Aroclor - 1221	ND(0.034)	ND(0.034)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
Aroclor - 1232	ND(0.034)	ND(0.034)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
Aroclor - 1242	ND(0.034)	ND(0.034)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
Aroclor - 1248	ND(0.034)	ND(0.034)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
Aroclor - 1254	ND(0.034)	ND(0.034)	0.15	0.68	0.29	0.074	0.43	0.9	0.45
Aroclor - 1260	ND(0.034)	ND(0.034)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-012700-MM-226	C-12636-012700-MM-227	C-12636-030200-CK-233	C-12636-030200-CK-234	C-12636-030200-CK-235	C-12636-030200-CK-236	C-12636-030200-CK-237	C-12636-030200-CK-238	C-12636-030200-CK-239
Sample Location	1/27/2000 Building 44	1/27/2000 Building 44	3/2/2000 Fan Room 13	3/2/2000 Fan Room 13	3/2/2000 Fan Room 13	3/2/2000 Fan Room 3	3/2/2000 Fan Room 3	3/2/2000 Fan Room 3	3/2/2000 Fan Room 3
Grid Coordinates									
Date Sampled	Above ceiling tiles	2nd floor	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	99.8	99.6	99.6	99.5	99.5	99.6	99.6

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-030200-CK-240</i>	<i>C-12636-030200-CK-241</i>	<i>C-12636-030200-CK-242</i>	<i>C-12636-030200-CK-243</i>	<i>C-12636-060700-NEM-306A</i>	<i>C-12636-061200-NEM-306B</i>	<i>C-12636-061200-NEM-306C</i>	<i>C-12636-060700-NEM-307A</i>	<i>C-12636-060700-NEM-307B</i>
<i>Sample Location</i>	<i>3/2/2000</i>	<i>3/2/2000</i>	<i>3/2/2000</i>	<i>3/2/2000</i>	<i>6/7/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/7/2000</i>	<i>6/7/2000</i>
<i>Grid Coordinates</i>	<i>Basement</i>	<i>Basement</i>	<i>Basement</i>	<i>Basement</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Date Sampled</i>	<i>Active Fan Room</i>	<i>Active Fan Room</i>	<i>Active Fan Room</i>	<i>Active Fan Room</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>	<i>P16</i>
<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(0.067)	ND(0.67)	ND(0.067)	ND(0.067)	ND(0.51)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1221	ND(0.067)	ND(0.67)	ND(0.067)	ND(0.067)	ND(0.51)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1232	ND(0.067)	ND(0.67)	ND(0.067)	ND(0.067)	ND(0.51)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1242	ND(0.067)	ND(0.67)	ND(0.067)	ND(0.067)	ND(0.51)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1248	ND(0.067)	ND(0.67)	0.22	ND(0.067)	ND(0.51)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1254	0.73	32	0.78	0.076	ND(0.51)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
Aroclor - 1260	ND(0.067)	ND(0.67)	ND(0.067)	ND(0.067)	ND(0.51)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-030200-CK-240	C-12636-030200-CK-241	C-12636-030200-CK-242	C-12636-030200-CK-243	C-12636-060700-NEM-306A	C-12636-061200-NEM-306B	C-12636-061200-NEM-306C	C-12636-060700-NEM-307A	C-12636-060700-NEM-307B
Sample Location	3/2/2000 Basement	3/2/2000 Basement	3/2/2000 Basement	3/2/2000 Basement	6/7/2000 -	6/12/2000 -	6/12/2000 -	6/7/2000 -	6/7/2000 -
Grid Coordinates	Active Fan Room	Active Fan Room	Active Fan Room	Active Fan Room	-	-	-	-	-
Date Sampled	-	-	-	-	P16	P16	P16	P16	P16
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	99.7	99.6	99.5	99.5	98.9	98.7	98.1	99	99.1

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	C-12636-060700-NEM-308A	C-12636-060700-NEM-308B	C-12636-060700-NEM-309A	C-12636-060800-NEM-310A	C-12636-060800-NEM-311A	C-12636-060800-NEM-311B	C-12636-060800-NEM-311C	C-12636-060800-NEM-312A	C-12636-060800-NEM-313A
Sample Location	6/7/2000	6/7/2000	6/7/2000	6/8/2000	6/8/2000	6/8/2000	6/8/2000	6/8/2000	6/8/2000
Grid Coordinates	-	-	-	-	-	-	-	-	-
Date Sampled	P16	P16	P16	P16	P16	P16	P16	P16	P16
Metals (mg/kg)									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
PCBs (mg/kg)									
Aroclor -1016	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.1)	ND(0.1)	ND(0.51)	ND(0.033)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.1)	ND(0.1)	ND(0.51)	ND(0.033)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.1)	ND(0.1)	ND(0.51)	ND(0.033)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.1)	ND(0.1)	ND(0.51)	ND(0.033)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.1)	7.2	9	1.9	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.034)	ND(0.034)	ND(0.034)	0.36	ND(0.1)	ND(0.51)	ND(0.033)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.034)	ND(0.034)	ND(0.034)	0.1	0.15	ND(0.51)	ND(0.033)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8
CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	C-12636-060700-NEM-308A	C-12636-060700-NEM-308B	C-12636-060700-NEM-309A	C-12636-060800-NEM-310A	C-12636-060800-NEM-311A	C-12636-060800-NEM-311B	C-12636-060800-NEM-311C	C-12636-060800-NEM-312A	C-12636-060800-NEM-313A
<i>Sample Location</i>	6/7/2000	6/7/2000	6/7/2000	6/8/2000	6/8/2000	6/8/2000	6/8/2000	6/8/2000	6/8/2000
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	P16	P16	P16	P16	P16	P16	P16	P16	P16
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	98.6	98.5	98.2	98.1	98.2	98.2	--	98.7	98.4

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	C-12636-060800-NEM-314A	C-12636-061200-NEM-315	C-12636-061200-NEM-316	C-12636-061200-NEM-317	C-12636-061200-NEM-318	C-12636-061200-NEM-319	C-12636-061200-NEM-320	C-12636-061200-NEM-321	C-12636-061200-NEM-322
Sample Location	6/8/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	-	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1
Grid Coordinates	-	-	-	-	-	-	-	-	-
Date Sampled	P16	-	-	-	-	-	-	-	-
Metals (mg/kg)									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
PCBs (mg/kg)									
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-060800-NEM-314A	C-12636-061200-NEM-315	C-12636-061200-NEM-316	C-12636-061200-NEM-317	C-12636-061200-NEM-318	C-12636-061200-NEM-319	C-12636-061200-NEM-320	C-12636-061200-NEM-321	C-12636-061200-NEM-322
Sample Location	6/8/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
Grid Coordinates	-	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1
Date Sampled	P16	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	98.9	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-061200-NEM-323</i>	<i>C-12636-061200-NEM-324</i>	<i>C-12636-061200-NEM-325</i>	<i>C-12636-061200-NEM-326</i>	<i>C-12636-061200-NEM-327</i>	<i>C-12636-061200-NEM-328</i>	<i>C-12636-061200-NEM-329</i>	<i>C-12636-061200-NEM-330</i>	<i>C-12636-061200-NEM-331</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
<i>Grid Coordinates</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>
<i>Date Sampled</i>	-	-	-	-	-	-	-	-	-
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-323	C-12636-061200-NEM-324	C-12636-061200-NEM-325	C-12636-061200-NEM-326	C-12636-061200-NEM-327	C-12636-061200-NEM-328	C-12636-061200-NEM-329	C-12636-061200-NEM-330	C-12636-061200-NEM-331
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
Grid Coordinates	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1
Date Sampled	-	-	-	-	-	-	-	-	-
TCLP SVOCs (mg/L)									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-061200-NEM-332</i>	<i>C-12636-061200-NEM-333</i>	<i>C-12636-061200-NEM-334</i>	<i>C-12636-061200-NEM-335</i>	<i>C-12636-061200-NEM-336</i>	<i>C-12636-061200-NEM-337</i>	<i>C-12636-061200-NEM-338</i>	<i>C-12636-061200-NEM-339</i>	<i>C-12636-061200-NEM-340</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
<i>Grid Coordinates</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>	<i>Substation 1</i>
<i>Date Sampled</i>	-	-	-	-	-	-	-	-	-
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-332	C-12636-061200-NEM-333	C-12636-061200-NEM-334	C-12636-061200-NEM-335	C-12636-061200-NEM-336	C-12636-061200-NEM-337	C-12636-061200-NEM-338	C-12636-061200-NEM-339	C-12636-061200-NEM-340
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
Grid Coordinates	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1	Substation 1
Date Sampled	-	-	-	-	-	-	-	-	-
TCLP SVOCs (mg/L)									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-061200-NEM-341</i>	<i>C-12636-061200-NEM-342</i>	<i>C-12636-061200-NEM-343</i>	<i>C-12636-061200-NEM-344</i>	<i>C-12636-061200-NEM-345</i>	<i>C-12636-061200-NEM-346</i>	<i>C-12636-061200-NEM-347</i>	<i>C-12636-061200-NEM-348</i>	<i>C-12636-061200-NEM-349</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
<i>Grid Coordinates</i>	<i>Substation 1</i>	<i>Substation 1A</i>	<i>Substation 1A</i>	<i>Substation 1A</i>	<i>Substation 1A</i>	<i>Substation 1A</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>
<i>Date Sampled</i>	-	-	-	-	-	-	-	-	-
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	2.5	1.9	0.56	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-341	C-12636-061200-NEM-342	C-12636-061200-NEM-343	C-12636-061200-NEM-344	C-12636-061200-NEM-345	C-12636-061200-NEM-346	C-12636-061200-NEM-347	C-12636-061200-NEM-348	C-12636-061200-NEM-349
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
Grid Coordinates	Substation 1	Substation 1A	Substation 1A	Substation 1A	Substation 1A	Substation 3	Substation 3	Substation 3	Substation 3
Date Sampled	-	-	-	-	-	-	-	-	-
TCLP SVOCs (mg/L)									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-061200-NEM-350</i>	<i>C-12636-061200-NEM-351</i>	<i>C-12636-061200-NEM-352</i>	<i>C-12636-061200-NEM-353</i>	<i>C-12636-061200-NEM-354</i>	<i>C-12636-061200-NEM-355</i>	<i>C-12636-061200-NEM-356</i>	<i>C-12636-061200-NEM-357</i>	<i>C-12636-061200-NEM-358</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
<i>Grid Coordinates</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>
<i>Date Sampled</i>	-	-	-	-	-	-	-	-	-
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	0.34	ND(0.1)	ND(0.1)	0.14	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-350	C-12636-061200-NEM-351	C-12636-061200-NEM-352	C-12636-061200-NEM-353	C-12636-061200-NEM-354	C-12636-061200-NEM-355	C-12636-061200-NEM-356	C-12636-061200-NEM-357	C-12636-061200-NEM-358
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
Grid Coordinates	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3
Date Sampled	-	-	-	-	-	-	-	-	-
TCLP SVOCs (mg/L)									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-061200-NEM-359</i>	<i>C-12636-061200-NEM-360</i>	<i>C-12636-061200-NEM-361</i>	<i>C-12636-061200-NEM-362</i>	<i>C-12636-061200-NEM-363</i>	<i>C-12636-061200-NEM-364</i>	<i>C-12636-061200-NEM-365</i>	<i>C-12636-061200-NEM-366</i>	<i>C-12636-061200-NEM-367</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
<i>Grid Coordinates</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>
<i>Date Sampled</i>	-	-	-	-	-	-	-	-	-
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-359	C-12636-061200-NEM-360	C-12636-061200-NEM-361	C-12636-061200-NEM-362	C-12636-061200-NEM-363	C-12636-061200-NEM-364	C-12636-061200-NEM-365	C-12636-061200-NEM-366	C-12636-061200-NEM-367
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
Grid Coordinates	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3
Date Sampled	-	-	-	-	-	-	-	-	-
TCLP SVOCs (mg/L)									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-061200-NEM-368</i>	<i>C-12636-061200-NEM-369</i>	<i>C-12636-061200-NEM-370</i>	<i>C-12636-061200-NEM-371</i>	<i>C-12636-061200-NEM-372</i>	<i>C-12636-061200-NEM-373</i>	<i>C-12636-061200-NEM-374</i>	<i>C-12636-061200-NEM-375</i>	<i>C-12636-061200-NEM-376</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
<i>Grid Coordinates</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 3</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>
<i>Date Sampled</i>	-	-	-	-	-	-	-	-	-
<i>Metals (mg/kg)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>									
Arsenic	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>									
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
<i>TCLP VOCs (mg/L)</i>									
1,1-Dichloroethylene	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-368	C-12636-061200-NEM-369	C-12636-061200-NEM-370	C-12636-061200-NEM-371	C-12636-061200-NEM-372	C-12636-061200-NEM-373	C-12636-061200-NEM-374	C-12636-061200-NEM-375	C-12636-061200-NEM-376
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 3	Substation 3	Substation 3	Substation 3	Substation 3	Substation 7	Substation 7	Substation 7	Substation 7
Grid Coordinates	-	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>									
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cre	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	C-12636-061200-NEM-377
<i>Sample Location</i>	6/12/2000
<i>Grid Coordinates</i>	Substation 7
<i>Date Sampled</i>	-
<i>Metals (mg/kg)</i>	
Arsenic	--
Barium	--
Cadmium	--
Chromium	--
Copper	--
Lead	--
Mercury	--
Nickel	--
Selenium	--
Silver	--
<i>TCLP Metals (mg/L)</i>	
Arsenic	--
Barium	--
Cadmium	--
Chromium	--
Lead	--
Nickel	--
Mercury	--
Selenium	--
Silver	--
Zinc	--
<i>PCBs (mg/kg)</i>	
Aroclor -1016	ND(0.1)
Aroclor - 1221	ND(0.1)
Aroclor - 1232	ND(0.1)
Aroclor - 1242	ND(0.1)
Aroclor - 1248	ND(0.1)
Aroclor - 1254	ND(0.1)
Aroclor - 1260	ND(0.1)
<i>TCLP VOCs (mg/L)</i>	
1,1-Dichloroethylene	--
1,2-Dichloroethane	--
1,4-Dichlorobenzene	--
Benzene	--
Carbon tetrachloride	--
Chlorobenzene	--
Chloroform	--
2-Butanone	--
Tetrachloroethene	--
Trichloroethene	--
Vinyl chloride	--

TABLE 3.8
CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	C-12636-061200-NEM-377
<i>Sample Location</i>	6/12/2000
<i>Grid Coordinates</i>	Substation 7
<i>Date Sampled</i>	-
<i>TCLP SVOCs (mg/L)</i>	
2,4,5-Trichlorophenol	--
2,4,6-Trichlorophenol	--
2,4-Dinitrotoluene	--
2-Methylphenol	--
3&4-Methylphenol (p&m-Cre	--
Hexachlorobenzene	--
Hexachlorobutadiene	--
Hexachloroethane	--
Nitrobenzene	--
Pentachlorophenol	--
Pyridine	--
Total Solids (%)	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-378	C-12636-061200-NEM-379	C-12636-061200-NEM-380	C-12636-061200-NEM-381	C-12636-061200-NEM-382	C-12636-061200-NEM-383	C-12636-061200-NEM-384	C-12636-061200-NEM-385
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 7	Substation 7	Substation 7	Substation 7	Substation 7	Substation 7	Substation 7	Substation 7
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	0.11	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-061200-NEM-378</i>	<i>C-12636-061200-NEM-379</i>	<i>C-12636-061200-NEM-380</i>	<i>C-12636-061200-NEM-381</i>	<i>C-12636-061200-NEM-382</i>	<i>C-12636-061200-NEM-383</i>	<i>C-12636-061200-NEM-384</i>	<i>C-12636-061200-NEM-385</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

**CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>C-12636-061200-NEM-386</i>	<i>C-12636-061200-NEM-387</i>	<i>C-12636-061200-NEM-388</i>	<i>C-12636-061200-NEM-389</i>	<i>C-12636-061200-NEM-390</i>	<i>C-12636-061200-NEM-391</i>	<i>C-12636-061200-NEM-392</i>	<i>C-12636-061200-NEM-393</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>Metals (mg/kg)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
<i>PCBs (mg/kg)</i>								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
<i>TCLP VOCs (mg/L)</i>								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-061200-NEM-386</i>	<i>C-12636-061200-NEM-387</i>	<i>C-12636-061200-NEM-388</i>	<i>C-12636-061200-NEM-389</i>	<i>C-12636-061200-NEM-390</i>	<i>C-12636-061200-NEM-391</i>	<i>C-12636-061200-NEM-392</i>	<i>C-12636-061200-NEM-393</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-394	C-12636-061200-NEM-395	C-12636-061200-NEM-396	C-12636-061200-NEM-397	C-12636-061200-NEM-398	C-12636-061200-NEM-399	C-12636-061200-NEM-400	C-12636-061200-NEM-401
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 7	Substation 7	Substation 7	Substation 7	Substation 7	Substation 7	Substation 2	Substation 2
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-061200-NEM-394</i>	<i>C-12636-061200-NEM-395</i>	<i>C-12636-061200-NEM-396</i>	<i>C-12636-061200-NEM-397</i>	<i>C-12636-061200-NEM-398</i>	<i>C-12636-061200-NEM-399</i>	<i>C-12636-061200-NEM-400</i>	<i>C-12636-061200-NEM-401</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 7</i>	<i>Substation 2</i>	<i>Substation 2</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-402	C-12636-061200-NEM-403	C-12636-061200-NEM-404	C-12636-061200-NEM-405	C-12636-061200-NEM-406	C-12636-061200-NEM-407	C-12636-061200-NEM-408	C-12636-061200-NEM-409
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-061200-NEM-402</i>	<i>C-12636-061200-NEM-403</i>	<i>C-12636-061200-NEM-404</i>	<i>C-12636-061200-NEM-405</i>	<i>C-12636-061200-NEM-406</i>	<i>C-12636-061200-NEM-407</i>	<i>C-12636-061200-NEM-408</i>	<i>C-12636-061200-NEM-409</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-410	C-12636-061200-NEM-411	C-12636-061200-NEM-413	C-12636-061200-NEM-414	C-12636-061200-NEM-415	C-12636-061200-NEM-416	C-12636-061200-NEM-417	C-12636-061200-NEM-418
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-061200-NEM-410</i>	<i>C-12636-061200-NEM-411</i>	<i>C-12636-061200-NEM-413</i>	<i>C-12636-061200-NEM-414</i>	<i>C-12636-061200-NEM-415</i>	<i>C-12636-061200-NEM-416</i>	<i>C-12636-061200-NEM-417</i>	<i>C-12636-061200-NEM-418</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-419	C-12636-061200-NEM-420	C-12636-061200-NEM-421	C-12636-061200-NEM-422	C-12636-061200-NEM-423	C-12636-061200-NEM-424	C-12636-061200-NEM-425	C-12636-061200-NEM-426
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2	Substation 2
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-061200-NEM-419</i>	<i>C-12636-061200-NEM-420</i>	<i>C-12636-061200-NEM-421</i>	<i>C-12636-061200-NEM-422</i>	<i>C-12636-061200-NEM-423</i>	<i>C-12636-061200-NEM-424</i>	<i>C-12636-061200-NEM-425</i>	<i>C-12636-061200-NEM-426</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>	<i>Substation 2</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-427	C-12636-061200-NEM-428	C-12636-061200-NEM-429	C-12636-061200-NEM-430	C-12636-061200-NEM-431	C-12636-061200-NEM-432	C-12636-061200-NEM-433	C-12636-061200-NEM-434
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-427	C-12636-061200-NEM-428	C-12636-061200-NEM-429	C-12636-061200-NEM-430	C-12636-061200-NEM-431	C-12636-061200-NEM-432	C-12636-061200-NEM-433	C-12636-061200-NEM-434
Sample Location	6/12/2000 Substation 6	6/12/2000 Substation 6	6/12/2000 Substation 6	6/12/2000 Substation 6	6/12/2000 Substation 6	6/12/2000 Substation 6	6/12/2000 Substation 6	6/12/2000 Substation 6
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
TCLP SVOCs (mg/L)								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-435	C-12636-061200-NEM-436	C-12636-061200-NEM-437	C-12636-061200-NEM-438	C-12636-061200-NEM-439	C-12636-061200-NEM-440	C-12636-061200-NEM-441	C-12636-061200-NEM-442
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-061200-NEM-435</i>	<i>C-12636-061200-NEM-436</i>	<i>C-12636-061200-NEM-437</i>	<i>C-12636-061200-NEM-438</i>	<i>C-12636-061200-NEM-439</i>	<i>C-12636-061200-NEM-440</i>	<i>C-12636-061200-NEM-441</i>	<i>C-12636-061200-NEM-442</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-443	C-12636-061200-NEM-444	C-12636-061200-NEM-445	C-12636-061200-NEM-446	C-12636-061200-NEM-447	C-12636-061200-NEM-448	C-12636-061200-NEM-449	C-12636-061200-NEM-450
Sample Location	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000	6/12/2000
	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6	Substation 6
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-061200-NEM-443</i>	<i>C-12636-061200-NEM-444</i>	<i>C-12636-061200-NEM-445</i>	<i>C-12636-061200-NEM-446</i>	<i>C-12636-061200-NEM-447</i>	<i>C-12636-061200-NEM-448</i>	<i>C-12636-061200-NEM-449</i>	<i>C-12636-061200-NEM-450</i>
<i>Sample Location</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>	<i>6/12/2000</i>
	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>	<i>Substation 6</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-451	C-12636-061200-NEM-452	C-12636-061200-NEM-453	C-12636-071700-CK-478	C-12636-071700-CK-479	C-12636-071700-CK-480	C-12636-071700-CK-481	C-12636-071700-CK-482
Sample Location	6/12/2000	6/12/2000	6/12/2000	7/17/2000	7/17/2000	7/17/2000	7/17/2000	7/17/2000
	Substation 6	Substation 6	Substation 6	Substation 1/1A	Substation 1/1A	P16	P16	P16
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(1.2)	ND(0.59)	ND(.61)	ND(.60)	ND(.60)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(1.2)	ND(0.59)	ND(.61)	ND(.60)	ND(.60)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(1.2)	ND(0.59)	ND(.61)	ND(.60)	ND(.60)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(1.2)	ND(0.59)	ND(.61)	ND(.60)	ND(.60)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(1.2)	ND(0.59)	ND(.61)	ND(.60)	ND(.60)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(1.2)	ND(0.59)	ND(.61)	ND(.60)	ND(.60)
Aroclor - 1260	ND(0.1)	ND(0.1)	ND(0.1)	34	32	39	31	33
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID	C-12636-061200-NEM-451	C-12636-061200-NEM-452	C-12636-061200-NEM-453	C-12636-071700-CK-478	C-12636-071700-CK-479	C-12636-071700-CK-480	C-12636-071700-CK-481	C-12636-071700-CK-482
Sample Location	6/12/2000 Substation 6	6/12/2000 Substation 6	6/12/2000 Substation 6	7/17/2000 Substation 1/1A	7/17/2000 Substation 1/1A	7/17/2000 P16	7/17/2000 P16	7/17/2000 P16
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
TCLP SVOCs (mg/L)								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	84.8	84.8	82	83.1	63.6

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID Sample Location	C-12636-072500-CK-483 7/25/2000	C-12636-072500-CK-484 7/25/2000	C-12636-072500-CK-485 7/25/2000	C-12636-072500-CK-486 7/25/2000	C-12636-072500-CK-487 7/25/2000	C-12636-072500-CK-488 7/25/2000	C-12636-072500-CK-489 7/25/2000	C-12636-072500-CK-490 7/25/2000
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(.20)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1221	ND(.20)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1232	ND(.20)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1242	ND(.20)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1248	ND(.20)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1254	ND(.20)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Aroclor - 1260	ND(.20)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-072500-CK-483</i>	<i>C-12636-072500-CK-484</i>	<i>C-12636-072500-CK-485</i>	<i>C-12636-072500-CK-486</i>	<i>C-12636-072500-CK-487</i>	<i>C-12636-072500-CK-488</i>	<i>C-12636-072500-CK-489</i>	<i>C-12636-072500-CK-490</i>
<i>Sample Location</i>	<i>7/25/2000</i>	<i>7/25/2000</i>	<i>7/25/2000</i>	<i>7/25/2000</i>	<i>7/25/2000</i>	<i>7/25/2000</i>	<i>7/25/2000</i>	<i>7/25/2000</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID Sample Location	C-12636-072500-CK-491 7/25/2000	C-12636-072500-CK-492 7/25/2000	C-12636-072800-CK-493 7/28/2000	C-12636-072800-CK-494 7/28/2000	C-12636-072800-CK-495 7/28/2000	C-12636-072800-CK-496 7/28/2000	C-12636-072800-CK-497 7/28/2000	C-12636-072800-CK-498 7/28/2000
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	0.01	--	--	--	--	--	--
Barium	--	0.26	--	--	--	--	--	--
Cadmium	--	0.012	--	--	--	--	--	--
Chromium	--	ND(0.021)	--	--	--	--	--	--
Lead	--	0.077	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	ND(0.0002)	--	--	--	--	--	--
Selenium	--	ND(0.041)	--	--	--	--	--	--
Silver	--	ND(0.041)	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.1)	ND(0.21)	ND(0.99)	ND(0.99)	ND(0.98)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1221	ND(0.1)	ND(0.21)	ND(0.99)	ND(0.99)	ND(0.98)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1232	ND(0.1)	ND(0.21)	ND(0.99)	ND(0.99)	ND(0.98)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1242	ND(0.1)	ND(0.21)	ND(0.99)	ND(0.99)	ND(0.98)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1248	ND(0.1)	ND(0.21)	ND(0.99)	ND(0.99)	ND(0.98)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1254	ND(0.1)	ND(0.21)	ND(0.99)	ND(0.99)	ND(0.98)	ND(1.0)	ND(1.0)	ND(1.0)
Aroclor - 1260	ND(0.1)	ND(0.21)	2	1.1	1.7	ND(1.0)	1.7	1.9
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	ND(0.01)	--	--	--	--	--	--
1,2-Dichloroethane	--	ND(0.01)	--	--	--	--	--	--
1,4-Dichlorobenzene	--	ND(0.01)	--	--	--	--	--	--
Benzene	--	ND(0.1)	--	--	--	--	--	--
Carbon tetrachloride	--	ND(0.01)	--	--	--	--	--	--
Chlorobenzene	--	ND(0.01)	--	--	--	--	--	--
Chloroform	--	ND(0.01)	--	--	--	--	--	--
2-Butanone	--	ND(0.01)	--	--	--	--	--	--
Tetrachloroethene	--	ND(0.01)	--	--	--	--	--	--
Trichloroethene	--	ND(0.01)	--	--	--	--	--	--
Vinyl chloride	--	ND(0.01)	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-072500-CK-491</i>	<i>C-12636-072500-CK-492</i>	<i>C-12636-072800-CK-493</i>	<i>C-12636-072800-CK-494</i>	<i>C-12636-072800-CK-495</i>	<i>C-12636-072800-CK-496</i>	<i>C-12636-072800-CK-497</i>	<i>C-12636-072800-CK-498</i>
<i>Sample Location</i>	<i>7/25/2000</i>	<i>7/25/2000</i>	<i>7/28/2000</i>	<i>7/28/2000</i>	<i>7/28/2000</i>	<i>7/28/2000</i>	<i>7/28/2000</i>	<i>7/28/2000</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	ND(0.051)	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	ND(0.051)	--	--	--	--	--	--
2,4-Dinitrotoluene	--	ND(0.051)	--	--	--	--	--	--
2-Methylphenol	--	ND(0.051)	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	ND(0.1)	--	--	--	--	--	--
Hexachlorobenzene	--	ND(0.051)	--	--	--	--	--	--
Hexachlorobutadiene	--	ND(0.051)	--	--	--	--	--	--
Hexachloroethane	--	ND(0.051)	--	--	--	--	--	--
Nitrobenzene	--	ND(0.051)	--	--	--	--	--	--
Pentachlorophenol	--	ND(0.051)	--	--	--	--	--	--
Pyridine	--	ND(0.1)	--	--	--	--	--	--
Total Solids (%)	--	97.4	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample ID Sample Location	C-12636-072800-CK-499 7/28/2000	C-12636-072800-CK-500 7/28/2000	C-12636-072800-CK-501 7/28/2000	C-12636-072800-CK-503 7/28/2000	C-12636-080800-CK-506 8/8/2000	C-12636-080800-CK-507 8/8/2000	C-12636-080800-CK-508 8/8/2000	C-12636-060901-CK-592 6/9/2001
Grid Coordinates	-	-	-	-	-	-	-	-
Date Sampled	-	-	-	-	-	-	-	-
Metals (mg/kg)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
TCLP Metals (mg/L)								
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
PCBs (mg/kg)								
Aroclor -1016	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(.11)	ND(.11)	ND(.11)	ND(0.1)
Aroclor - 1221	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(.11)	ND(.11)	ND(.11)	ND(0.1)
Aroclor - 1232	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(.11)	ND(.11)	ND(.11)	ND(0.1)
Aroclor - 1242	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(.11)	ND(.11)	ND(.11)	ND(0.1)
Aroclor - 1248	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(.11)	ND(.11)	ND(.11)	ND(0.1)
Aroclor - 1254	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(.11)	ND(.11)	ND(.11)	ND(0.1)
Aroclor - 1260	2.9	1.5	ND(0.99)	ND(0.99)	ND(.11)	ND(.11)	ND(.11)	ND(0.1)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-072800-CK-499</i>	<i>C-12636-072800-CK-500</i>	<i>C-12636-072800-CK-501</i>	<i>C-12636-072800-CK-503</i>	<i>C-12636-080800-CK-506</i>	<i>C-12636-080800-CK-507</i>	<i>C-12636-080800-CK-508</i>	<i>C-12636-060901-CK-592</i>
<i>Sample Location</i>	<i>7/28/2000</i>	<i>7/28/2000</i>	<i>7/28/2000</i>	<i>7/28/2000</i>	<i>8/8/2000</i>	<i>8/8/2000</i>	<i>8/8/2000</i>	<i>6/9/2001</i>
<i>Grid Coordinates</i>	-	-	-	-	-	-	-	-
<i>Date Sampled</i>	-	-	-	-	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>								
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--	--	--
Total Solids (%)	--	--	--	--	92.1	90.8	91.1	99.6

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-060901-CK-593</i>	<i>C-12636-060901-CK-594</i>	<i>C-12636-060901-CK-595</i>	<i>C-12636-060901-CK-596</i>
<i>Sample Location</i>	<i>6/9/2001</i>	<i>6/9/2001</i>	<i>6/9/2001</i>	<i>6/9/2001</i>
<i>Grid Coordinates</i>	-	-	-	-
<i>Date Sampled</i>	-	-	-	-
<i>Metals (mg/kg)</i>				
Arsenic	--	--	--	--
Barium	--	--	--	--
Cadmium	--	--	--	--
Chromium	--	--	--	--
Copper	--	--	--	--
Lead	--	--	--	--
Mercury	--	--	--	--
Nickel	--	--	--	--
Selenium	--	--	--	--
Silver	--	--	--	--
<i>TCLP Metals (mg/L)</i>				
Arsenic	--	--	--	--
Barium	--	--	--	--
Cadmium	--	--	--	--
Chromium	--	--	--	--
Lead	--	--	--	--
Nickel	--	--	--	--
Mercury	--	--	--	--
Selenium	--	--	--	--
Silver	--	--	--	--
Zinc	--	--	--	--
<i>PCBs (mg/kg)</i>				
Aroclor -1016	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.2)
Aroclor - 1221	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.2)
Aroclor - 1232	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.2)
Aroclor - 1242	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.2)
Aroclor - 1248	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.2)
Aroclor - 1254	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.2)
Aroclor - 1260	ND(0.1)	1.9	0.9	ND(0.2)
<i>TCLP VOCs (mg/L)</i>				
1,1-Dichloroethylene	--	--	--	--
1,2-Dichloroethane	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--
Benzene	--	--	--	--
Carbon tetrachloride	--	--	--	--
Chlorobenzene	--	--	--	--
Chloroform	--	--	--	--
2-Butanone	--	--	--	--
Tetrachloroethene	--	--	--	--
Trichloroethene	--	--	--	--
Vinyl chloride	--	--	--	--

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>C-12636-060901-CK-593</i>	<i>C-12636-060901-CK-594</i>	<i>C-12636-060901-CK-595</i>	<i>C-12636-060901-CK-596</i>
<i>Sample Location</i>	<i>6/9/2001</i>	<i>6/9/2001</i>	<i>6/9/2001</i>	<i>6/9/2001</i>
<i>Grid Coordinates</i>	-	-	-	-
<i>Date Sampled</i>	-	-	-	-
<i>TCLP SVOCs (mg/L)</i>				
2,4,5-Trichlorophenol	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--
2-Methylphenol	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--
Hexachlorobenzene	--	--	--	--
Hexachlorobutadiene	--	--	--	--
Hexachloroethane	--	--	--	--
Nitrobenzene	--	--	--	--
Pentachlorophenol	--	--	--	--
Pyridine	--	--	--	--
Total Solids (%)	99.5	98.5	99.2	98.1

TABLE 3.8

CONCRETE CORE SAMPLE ANALYTICAL RESULTS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Notes:

--	Not analyzed.
NA	Not applicable.
NC	No criteria established.
ND (330)	Not detected at detection limit identified in parentheses.
RCRA	Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for determination of characteristically hazardous waste.
TSCA	The definition of PCB remediation waste, as defined in 40 CFR Part 761 of the Toxic Substance Control Act, applies if the original source of a PCB spill after April 18, 1978 was greater than or equal to 50 ppm. Per phone conversation with Mr. Tony Martig, TSCA Program Coordinator for U.S. EPA Region V. For PCB concentrations greater than 10 ppm, the source was likely greater than 50 ppm, therefore, TSCA applies. For PCB concentrations less than 10 ppm, the source was likely less than 5 ppm, therefore, an argument can be made that TSCA does not apply. If the actual source date and concentration are known, use to determine TSCA applicability.
4070	Criteria from the GM/USPCI Contract No. 4070.
3.7	Exceeds the primary screening criteria.
3.7	Exceeds the primary and secondary screening criteria.

TABLE 3.9

**AREAS REQUIRING DECOMMISSIONING
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Decommissioning to be Performed</i>	<i>Area/Description</i>	<i>Reason for Decommissioning</i>
<u>MAIN MANUFACTURING BUILDING</u>			
Main Floor			
1	Remove liquid/sludge, clean pit and line	Southeast Trench Area	Solid and Liquid Waste Accumulation
2	Remove liquid/sludge, clean pit and line	Southeast Trench Area - sludge on floor block	Solid and Liquid Waste Accumulation
3	Remove liquid/sludge, clean pit and line	Northeast Trench Area - sludge on floor block	Solid and Liquid Waste Accumulation
4	Remove liquid/sludge, clean pit and line	Southwest Trench Area - sludge on floor block	Solid and Liquid Waste Accumulation
5	Remove liquid/sludge, clean pit and line	Northwest Trench Area - sludge on floor block	Solid and Liquid Waste Accumulation
6	Remove and dispose flooring and dust	Wood Floor Block	Solid Non-Hazardous Waste Accumulation
7	Remove and dispose flooring and dust	Ceramic Floor Block	Solid Non-Hazardous Waste Accumulation
8	Remove and dispose flooring and dust	Asphalt Floor Block	Solid Non-Hazardous Waste Accumulation
9	Remove liquid/sludge, clean pit and line	Vault Below Floor	Solid Waste Accumulation
10	Remove liquid/sludge, clean pit and line	Vault Below Floor	Solid Waste Accumulation
11	Remove liquid/sludge, clean pit and line	Process/Waste/Oil/Cooling lines	Liquid Waste Accumulation
12	Remove liquid/sludge, clean pit and line	Former Truck Repair - pit	Solid and Liquid Waste Accumulation
13	Remove liquid/sludge, clean pit and line	North Sump	Solid and Liquid Waste Accumulation
14	Clean floor	Battery Charge Area - floor	Physical Hazard/Waste Accumulation
15	Remove liquid/sludge, clean pit and line	Battery Charge Area - sump	Solid and Liquid Waste Accumulation
16	Remove liquid/sludge, clean pit and line	Southeast Trench Area	Solid and Liquid Waste Accumulation
17	Remove and dispose flooring and dust	Southeast Trench Area - wood floor block	Solid Non-Hazardous Waste Accumulation
18	Remove and dispose flooring and dust	Southeast Trench Area - sludge on floor block	Solid Waste Accumulation
19	Remove and dispose flooring and dust	Southeast Trench Area - sludge on floor block	Solid Waste Accumulation
20	Drain equipment and clean	East Compactors (2) - hydraulic fluid	Liquid Waste Accumulation
21	Drain equipment and clean	East Compactors Area	Solid and Liquid Waste Accumulation
22	Remove liquid/sludge, clean pit and line	East Compactor Area Sump	Liquid Waste Accumulation
23	Remove and dispose flooring and dust	Wood Floor Block	Solid Non-Hazardous Waste Accumulation
24	Remove liquid/sludge, clean pit and line	Interior Transformers (2) - drip tank	Solid Waste Accumulation
25	Clean floor	North Plating Area	Solid and Liquid Waste Accumulation
26	Remove liquid/sludge, clean pit and line	Heat Treat Quench Oil Tanks	Liquid Waste Accumulation
27	Remove liquid/sludge, clean pit and line	Die Washing Unit - sump	Liquid Waste Accumulation
28	Clean floor	North Truck Loading Dock	Physical Hazard/Waste Accumulation
29	Remove liquid/sludge, clean pit and line	Southwest Truck Loading Dock - Sump	Liquid Waste Accumulation
30	Drain equipment and clean	Cargo Elevators - hydraulic fluid	Liquid Waste Accumulation
31	Clean floor	East Asphalt Storage - waste asphalt/concrete	Physical Hazard/Waste Accumulation
32	Remove liquid/sludge, clean pit and line	Maintenance Area - sump	Liquid Waste Accumulation
33	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
34	Encapsulate and remove	Galbestos	Bulk Waste
35	Remove concrete and sand	Bay P-16	Solid Waste Accumulation
36	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
37	Remove CFC's	Gas Consumption	Recycle
38	Remove Mercury containing Devices	Bulk Accumulation	Solid Waste Accumulation
39	Remove Batteries	Bulk Accumulation	Recycle

TABLE 3.9

**AREAS REQUIRING DECOMMISSIONING
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Decommissioning to be Performed</i>	<i>Area/Description</i>	<i>Reason for Decommissioning</i>
Second Floor			
40	Drain equipment and clean	Oil-filled switched - substations	Solid and Liquid Waste Accumulation
41	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
42	Encapsulate and remove	Galbestos	Bulk Waste
43	Remove concrete	Fan Room No. 13 Floor Below Capacitor	Solid Waste Accumulation
44	Remove concrete	Fan Room No. 3 Floor Below Capacitor	Solid Waste Accumulation
45	Remove concrete	Substation 1/1A	Solid Waste Accumulation
46	Clean	Chemistry Lab	Solid Waste Accumulation
47	Remove	Chemistry Lab (if no filter)	Solid Waste Accumulation
48	Remove	Vent Hood	Solid Waste Accumulation
49	Drain equipment and clean	Penthouse Elevator - hydraulic oil	Liquid Waste Accumulation
50	Drain equipment and clean	Penthouse Elevator	Solid and Liquid Waste Accumulation
Basement			
51	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
52	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
53	Remove liquid/sludge, clean pit and line	Paint Room - sump	Liquid Waste Accumulation
54	Remove concrete	Fan Room Floor Below Capacitor	Solid Waste Accumulation
55	Remove liquid/sludge, clean pit and line	Paint Room #1 - sump	Liquid Waste Accumulation
56	Remove liquid/sludge, clean pit and line	Paint Room#2 - sump	Liquid Waste Accumulation
57	Drain equipment and clean	Elevator - hydraulic fluid	Liquid Waste Accumulation
58	Remove liquid/sludge, clean pit and line	Elevator - sump	Liquid Waste Accumulation
59	Clean Floors	Electroplate Area	Solid Waste Accumulation
60	Remove liquid/sludge, clean pit	Trench	Solid and Liquid Waste Accumulation
<u>POWERHOUSE</u>			
61	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
62	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
63	Encapsulate and remove	Galbestos	Bulk Waste
64	Clean Floor	Battery Storage Area - basement	Solid Waste Accumulation
65	Remove liquid/sludge, clean trench	Floor Trenches - basement	Solid and Liquid Waste Accumulation
66	Drain equipment and clean	Elevator - hydraulic fluid	Liquid Waste Accumulation
67	Drain equipment and clean	Compressors (Main Floor)	Solid and Liquid Waste Accumulation
68	Clean Floor	South Side of Boiler	Solid Waste Accumulation
69	Remove liquid/sludge, clean trench	Sumps (Basement)	Solid and Liquid Waste Accumulation
70	Remove liquid/sludge, clean pit	West Sump (near elevator)	Solid and Liquid Waste Accumulation
71	Remove liquid/sludge, clean pit	West Sump (near elevator)	Solid and Liquid Waste Accumulation
72	Remove liquid/sludge, clean trench	Floor Trenches (Basement)	Solid and Liquid Waste Accumulation
73	Remove	Boiler Ash	Solid Waste Accumulation
74	Remove CFC's	Gas Consumption	Recycle
75	Remove Mercury containing Devices	Bulk Accumulation	Solid Waste Accumulation
76	Remove Batteries	Bulk Accumulation	Recycle

TABLE 3.9

**AREAS REQUIRING DECOMMISSIONING
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Item</i>	<i>Decommissioning to be Performed</i>	<i>Area/Description</i>	<i>Reason for Decommissioning</i>
<u>BUILDING 63</u>			
77	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
78	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
79	Encapsulate and remove	Galbestos	Bulk Waste
80	Drain equipment and clean	Compactor (1) - hydraulic fluid	Liquid Waste Accumulation
81	Remove liquid/sludge, clean pit	Compactor Area/Waste Bins	Solid and Liquid Waste Accumulation
82	Remove liquid/sludge, clean pit	Central Sump	Liquid Waste Accumulation
83	Clean Floor	North Truck Loading - catch basin	Liquid Waste Accumulation
84	Clean Floor	North Truck Loading	Solid and Liquid Waste Accumulation
85	Clean Floor	West Railroad Loading	Solid and Liquid Waste Accumulation
86	Remove CFC's	Gas Consumption	Recycle
87	Remove Mercury containing Devices	Bulk Accumulation	Solid Waste Accumulation
88	Remove Batteries	Bulk Accumulation	Recycle
<u>SWITCH HOUSE</u>			
89	Remove Asbestos	Asbestos Containing Materials	Bulk Waste
90	Remove light fixtures and ballasts	Bulk Accumulation	Bulk Solid Waste Accumulation/Recyclable
91	Clean Floor	Battery Storage Area	Solid Waste Accumulation
92	Remove liquid/sludge, clean pit	Sumps	Solid and Liquid Waste Accumulation
93	Remove Batteries	Bulk Accumulation	Recycle

TABLE 4.1

**WASTE DISPOSAL/RECYCLING FACILITY SUMMARY
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Waste</i>	<i>Facility</i>	<i>Location</i>	<i>Waste Stream</i>
<u>Decommissioning</u>			
<i>Liquid Waste</i>			
	Edwards Oil Service, Inc.	Detroit, MI	Wastewater/Oil
<i>Non-Hazardous Solid Waste</i>			
	Brent Run Landfill	Montrose, Michigan	Non-Hazardous Solid Waste
	Brent Run Landfill	Montrose, Michigan	Non-Hazardous Solid Waste/Boiler Ash
	Brent Run Landfill	Montrose, Michigan	Non-Hazardous Demo./ACM Debris
<i>ACM Containing Waste</i>			
	Brent Run Landfill	Montrose, Michigan	ACM Debris
	Citizens Disposal	Grand Blanc, Michigan	ACM Debris
<i>Hazardous Waste</i>			
	S. Liquids of Detroit	Detroit, Michigan	Miscellaneous Chemicals
	Safety-Kleen (Lone Mountain), Inc.	Waynoka, Oklahoma	Miscellaneous Chemicals
	Safety-Kleen (Wichita), Inc.	Wichita, Kansas	Miscellaneous Chemicals
	Safety-Kleen (Grassy Mt.), Inc.	Clive, Utah	Hazardous Solid Waste
	Safety-Kleen (EDT), Inc.	Clarence, New York	Miscellaneous Chemicals
<i>PCB-Containing Waste</i>			
	Safety-Kleen (Grassy Mt.), Inc.	Clive, Utah	PCB Contaminated Soil, Debris, PPE
	Safety-Kleen (Grassy Mt.), Inc.	Clive, Utah	PCBs - Light Ballasts
	Safety-Kleen (Grassy Mt.), Inc.	Clive, Utah	PCBs - Wood Block Flooring
	Trans-Cycle Industries Inc.	Pell City, Alabama	PCBs - Oil and Drained Electrical Equipment
<i>Recyclables</i>			
	Cleanlites Recycling Inc.	Mason, Michigan	Fluorescent Lights/Some Batteries
	Cleanlites Recycling Inc.	Mason, Michigan	High Intensity Mercury Vapor Bulbs
	Cleanlites Recycling Inc.	Mason, Michigan	Light Ballasts
	GM AC Delco	Flint, Michigan	Batteries
	Golden Refrigerants	Plymouth, Michigan	CFCs
<i>Waste Oil</i>			
	General Oil	Redford, MI	Waste Oil
	SRS Environmental Treatment Plant	Detroit, MI	Waste Oil
<u>Demolition</u>			
<i>Non-Hazardous Solid Waste</i>			
	Brent Run Landfill	Montrose, Michigan	Non-Hazardous Demo./ACM Debris
<i>Recyclable Materials</i>			
	Genesee Recycling Co.	Flint, Michigan	Scrap Steel
	Genesee Recycling Co.	Flint, Michigan	Scrap Copper
	Wyandotte Power	Wyandotte, Michigan	Coal

TABLE 4.2

**WASTE CHARACTERIZATION - SOLID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	Primary		S-12636-031700-CK-244	S-12636-031700-CK-245	S-12636-052300-SM-296	S-12636-031700-CK-299	S-12636-061300-CI
Sample Location	Screening		Ash Silos	Ash Silos	Powerhouse	Ash Silos	Roll Off Box
Date Sampled	Criteria		3/17/2000	3/17/2000	3/17/2000	3/17/2000	6/13/2000
TCLP Metals (mg/L)							
Arsenic	5	RCRA	1.5	ND (0.02)	ND (0.02)	0.0074	0.028
Barium	100	RCRA	0.25	0.54	0.23	0.57	0.75
Cadmium	1	RCRA	0.054	ND (0.005)	ND (0.005)	0.012	0.011
Chromium	5	RCRA	0.59	ND (0.05)	ND (0.05)	0.022	ND (0.023)
Lead	5	RCRA	0.48	ND (0.02)	ND (0.02)	0.069	0.032
Mercury	0.2	RCRA	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.002)
Selenium	1	RCRA	ND (0.02)	ND (0.02)	ND (0.02)	0.0083	ND (0.047)
Silver	5	RCRA	ND (0.01)	ND (0.01)	ND (0.01)	0.0017	ND (0.0047)
PCBs (mg/kg)							
Aroclor -1016	50	TSCA	--	--	ND (0.14)	ND (0.035)	ND (0.39)
Aroclor - 1221	50	TSCA	--	--	ND (0.14)	ND (0.035)	ND (0.39)
Aroclor - 1232	50	TSCA	--	--	ND (0.14)	ND (0.035)	ND (0.39)
Aroclor - 1242	50	TSCA	--	--	ND (0.14)	ND (0.035)	ND (0.39)
Aroclor - 1248	50	TSCA	--	--	ND (0.14)	ND (0.035)	ND (0.39)
Aroclor - 1254	50	TSCA	--	--	ND (0.14)	ND (0.035)	ND (0.39)
Aroclor - 1260	50	TSCA	--	--	ND (0.14)	ND (0.035)	ND (0.39)
TCLP VOCs (mg/L)							
1,1-Dichloroethylene	0.7	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
1,2-Dichloroethane	0.5	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
1,4-Dichlorobenzene	7.5	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
Benzene	0.5	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
Carbon tetrachloride	0.5	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
Chlorobenzene	100	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
Chloroform	6	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
2-Butanone	200	RCRA	--	--	ND (0.14)	ND (0.11)	ND (0.12)
Tetrachloroethene	0.7	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
Trichloroethene	0.5	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)
Vinyl chloride	0.2	RCRA	--	--	ND (0.014)	ND (0.011)	ND (0.012)

TABLE 4.2

**WASTE CHARACTERIZATION - SOLID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	Primary		S-12636-031700-CK-244	S-12636-031700-CK-245	S-12636-052300-SM-296	S-12636-031700-CK-299	S-12636-061300-CI
Sample Location	Screening		Ash Silos	Ash Silos	Powerhouse	Ash Silos	Roll Off Box
Date Sampled	Criteria		3/17/2000	3/17/2000	3/17/2000	3/17/2000	6/13/2000
TCLP SVOC (mg/L)							
2,4,5-Trichlorophenol	400	RCRA	--	--	ND (0.014)	ND (0.053)	ND (0.058)
2,4,6-Trichlorophenol	2	RCRA	--	--	ND (0.014)	ND (0.053)	ND (0.058)
2,4-Dinitrotoluene	0.13	RCRA	--	--	ND (0.014)	ND (0.053)	ND (0.058)
2-Methylphenol		NC	--	--	ND (0.014)	ND (0.053)	ND (0.058)
3&4-Methylphenol (p&m-Cresol)		NC	--	--	ND (0.028)	ND (0.11)	ND (0.12)
Hexachlorobenzene	0.13	RCRA	--	--	ND (0.014)	ND (0.053)	ND (0.058)
Hexachlorobutadiene	0.5	RCRA	--	--	ND (0.014)	ND (0.053)	ND (0.058)
Hexachloroethane	3	RCRA	--	--	ND (0.014)	ND (0.053)	ND (0.058)
Nitrobenzene	2	RCRA	--	--	ND (0.014)	ND (0.053)	ND (0.058)
Pentachlorophenol	100	RCRA	--	--	ND (0.014)	ND (0.053)	ND (0.058)
Pyridine	5	RCRA	--	--	ND (0.028)	ND (0.11)	ND (0.12)
Miscellaneous							
Total Sulfur (%)		NC	--	--	--	--	--

Notes:

- Not analyzed.
 NC No criteria established.
 ND (330) Not detected at detection limit identified in parentheses.
 RCRA Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for characteristically hazardous waste.
 TSCA U.S. EPA Region 5 unpublished threshold for remediation waste containing PCBs but whose source date and concentration are unknown

TABLE 4.2

**WASTE CHARACTERIZATION - SOLID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	Primary		S-12636-082200-CK-509	S-12636-082200-CK-510	S-12636-082200-CK-511	S-12636-082200-CK-512	S-12636-082200-CK-513	S-12636-082200-CK-514
Sample Location	Screening		Bin 10 Building 63	Bin 9 Building 63	Bin 8 Building 63	Bin 7 Building 63	Bin 6 Building 63	Bin 5 Building 63
Date Sampled	Criteria		8/22/2000	8/22/2000	8/22/2000	8/22/2000	8/22/2000	8/22/2000
TCLP Metals (mg/L)								
Arsenic	5	RCRA	0.019	0.035	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Barium	100	RCRA	0.36	0.91	0.57	0.71	0.47	0.25
Cadmium	1	RCRA	0.2	0.11	0.017	ND (0.0022)	ND (0.0021)	ND (0.0021)
Chromium	5	RCRA	1.9	9.2	0.033	ND (0.022)	ND (0.021)	ND (0.021)
Lead	5	RCRA	1.6	8.3	0.097	ND (0.022)	ND (0.021)	ND (0.021)
Mercury	0.2	RCRA	0.0011	0.0014	ND (0.0002)	ND (0.002)	ND (0.002)	ND (0.0002)
Selenium	1	RCRA	0.059	0.097	ND (0.045)	ND (0.044)	ND (0.042)	ND (0.043)
Silver	5	RCRA	ND (0.0043)	ND (0.0042)	ND (0.00045)	ND (0.0044)	ND (0.0042)	ND (0.0043)
PCBs (mg/kg)								
Aroclor -1016	50	TSCA	ND (0.18)	ND (0.17)	ND (0.11)	ND (0.11)	ND (0.035)	ND (0.036)
Aroclor - 1221	50	TSCA	ND (0.18)	ND (0.17)	ND (0.11)	ND (0.11)	ND (0.035)	ND (0.036)
Aroclor - 1232	50	TSCA	ND (0.18)	ND (0.17)	ND (0.11)	ND (0.11)	ND (0.035)	ND (0.036)
Aroclor - 1242	50	TSCA	ND (0.18)	ND (0.17)	ND (0.11)	ND (0.11)	ND (0.035)	ND (0.036)
Aroclor - 1248	50	TSCA	ND (0.18)	ND (0.17)	ND (0.11)	ND (0.11)	ND (0.035)	ND (0.036)
Aroclor - 1254	50	TSCA	ND (0.18)	ND (0.17)	ND (0.11)	ND (0.11)	ND (0.035)	ND (0.036)
Aroclor - 1260	50	TSCA	ND (0.18)	ND (0.17)	ND (0.11)	ND (0.11)	ND (0.035)	ND (0.036)
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	0.7	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
1,2-Dichloroethane	0.5	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
1,4-Dichlorobenzene	7.5	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Benzene	0.5	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Carbon tetrachloride	0.5	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Chlorobenzene	100	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Chloroform	6	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
2-Butanone	200	RCRA	ND (0.21)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Tetrachloroethene	0.7	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Trichloroethene	0.5	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Vinyl chloride	0.2	RCRA	ND (0.021)	ND (0.010)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)

TABLE 4.2

**WASTE CHARACTERIZATION - SOLID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i> <i>Sample Location</i> <i>Date Sampled</i>	<i>Primary</i> <i>Screening</i> <i>Criteria</i>	<i>S-12636-082200-CK-509</i> <i>Bin 10 Building 63</i> <i>8/22/2000</i>	<i>S-12636-082200-CK-510</i> <i>Bin 9 Building 63</i> <i>8/22/2000</i>	<i>S-12636-082200-CK-511</i> <i>Bin 8 Building 63</i> <i>8/22/2000</i>	<i>S-12636-082200-CK-512</i> <i>Bin 7 Building 63</i> <i>8/22/2000</i>	<i>S-12636-082200-CK-513</i> <i>Bin 6 Building 63</i> <i>8/22/2000</i>	<i>S-12636-082200-CK-514</i> <i>Bin 5 Building 63</i> <i>8/22/2000</i>
<i>TCLP SVOC (mg/L)</i>							
2,4,5-Trichlorophenol	400 RCRA	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
2,4,6-Trichlorophenol	2 RCRA	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
2,4-Dinitrotoluene	0.13 RCRA	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
2-Methylphenol	NC	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
3&4-Methylphenol (p&m-Cresol)	NC	ND (0.11)	ND (0.1)	0.026	ND (0.022)	ND (0.022)	ND (0.021)
Hexachlorobenzene	0.13 RCRA	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Hexachlorobutadiene	0.5 RCRA	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Hexachloroethane	3 RCRA	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.11)	ND (0.11)
Nitrobenzene	2 RCRA	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Pentachlorophenol	100 RCRA	ND (0.053)	ND (0.052)	ND (0.011)	ND (0.011)	ND (0.011)	ND (0.011)
Pyridine	5 RCRA	ND (0.11)	ND (0.1)	ND (0.022)	ND (0.022)	ND (0.022)	ND (0.021)

Miscellaneous

Total Sulfur (%)	NC	--	--	--	--	--	--
------------------	----	----	----	----	----	----	----

Notes:

--	Not analyzed.
NC	No criteria established.
ND (330)	Not detected at detection limit identified in parentheses.
RCRA	Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for characteristically hazardous waste.
TSCA	U.S. EPA Region 5 unpublished threshold for remediation waste containing PCBs but whose source date and concentration are unknown

TABLE 4.2

**WASTE CHARACTERIZATION - SOLID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	Primary		S-12636-082200-CK-515	S-12636-082200-CK-516	S-12636-082200-CK-517	S-12636-082200-CK-518	S-12636-100400-SM-548	C-12636-050801-SM-586
Sample Location	Screening		Bin 4 Building 63	Bin 3 Building 63	Bin 2 Building 63	Bin 1 Building 63	Coal in Coal Yard	WWTP Concrete
Date Sampled	Criteria		8/22/2000	8/22/2000	8/22/2000	8/22/2000	10/4/2000	5/8/2001
TCLP Metals (mg/L)								
Arsenic	5	RCRA	ND (0.011)	ND (0.013)	ND (0.01)	ND (0.01)	--	ND(0.01)
Barium	100	RCRA	0.45	0.55	0.6	1	--	0.58
Cadmium	1	RCRA	ND (0.0021)	ND (0.0025)	ND (0.0021)	ND (0.0021)	--	ND(0.002)
Chromium	5	RCRA	ND (0.021)	ND (0.025)	ND (0.021)	0.027	--	ND(0.02)
Lead	5	RCRA	ND (0.021)	ND (0.025)	ND (0.021)	ND (0.021)	--	ND(0.02)
Mercury	0.2	RCRA	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.0002)	--	ND(0.0002)
Selenium	1	RCRA	ND (0.043)	ND (0.05)	ND (0.041)	ND (0.041)	--	ND(0.04)
Silver	5	RCRA	ND (0.043)	ND (0.005)	ND (0.0041)	ND (0.0041)	--	ND(0.004)
PCBs (mg/kg)								
Aroclor -1016	50	TSCA	ND (0.036)	ND (0.042)	ND (0.035)	ND (0.034)	--	--
Aroclor - 1221	50	TSCA	ND (0.036)	ND (0.042)	ND (0.035)	ND (0.034)	--	--
Aroclor - 1232	50	TSCA	ND (0.036)	ND (0.042)	ND (0.035)	ND (0.034)	--	--
Aroclor - 1242	50	TSCA	ND (0.036)	ND (0.042)	ND (0.035)	ND (0.034)	--	--
Aroclor - 1248	50	TSCA	ND (0.036)	ND (0.042)	ND (0.035)	ND (0.034)	--	--
Aroclor - 1254	50	TSCA	ND (0.036)	ND (0.042)	ND (0.035)	ND (0.034)	--	--
Aroclor - 1260	50	TSCA	ND (0.036)	ND (0.042)	ND (0.035)	ND (0.034)	--	--
TCLP VOCs (mg/L)								
1,1-Dichloroethylene	0.7	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)
1,2-Dichloroethane	0.5	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)
1,4-Dichlorobenzene	7.5	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)
Benzene	0.5	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.1)
Carbon tetrachloride	0.5	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)
Chlorobenzene	100	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)
Chloroform	6	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)
2-Butanone	200	RCRA	ND (0.11)	ND (0.13)	ND (0.10)	ND (0.10)	--	ND(0.01)
Tetrachloroethene	0.7	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)
Trichloroethene	0.5	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)
Vinyl chloride	0.2	RCRA	ND (0.011)	ND (0.013)	ND (0.010)	ND (0.010)	--	ND(0.01)

TABLE 4.2

**WASTE CHARACTERIZATION - SOLID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID Sample Location Date Sampled</i>	<i>Primary Screening Criteria</i>	<i>S-12636-082200-CK-515 Bin 4 Building 63 8/22/2000</i>	<i>S-12636-082200-CK-516 Bin 3 Building 63 8/22/2000</i>	<i>S-12636-082200-CK-517 Bin 2 Building 63 8/22/2000</i>	<i>S-12636-082200-CK-518 Bin 1 Building 63 8/22/2000</i>	<i>S-12636-100400-SM-548 Coal in Coal Yard 10/4/2000</i>	<i>C-12636-050801-SM-586 WWTP Concrete 5/8/2001</i>
<i>TCLP SVOC (mg/L)</i>							
2,4,5-Trichlorophenol	400 RCRA	ND (0.011)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
2,4,6-Trichlorophenol	2 RCRA	ND (0.011)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
2,4-Dinitrotoluene	0.13 RCRA	ND (0.011)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
2-Methylphenol	NC	ND (0.011)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
3&4-Methylphenol (p&m-Cresol)	NC	ND (0.021)	ND(0.025)	ND (0.021)	ND (0.10)	--	ND(0.02)
Hexachlorobenzene	0.13 RCRA	ND (0.011)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
Hexachlorobutadiene	0.5 RCRA	ND (0.011)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
Hexachloroethane	3 RCRA	ND (0.11)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
Nitrobenzene	2 RCRA	ND (0.011)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
Pentachlorophenol	100 RCRA	ND (0.011)	ND(0.013)	ND (0.010)	ND (0.051)	--	ND(0.01)
Pyridine	5 RCRA	ND (0.021)	ND(0.025)	ND (0.021)	ND (0.10)	--	ND(0.02)

Miscellaneous

Total Sulfur (%)	NC	--	--	--	--	0.79	--
------------------	----	----	----	----	----	------	----

Notes:

--	Not analyzed.
NC	No criteria established.
ND (330)	Not detected at detection limit identified in parentheses.
RCRA	Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for characteristically hazardous waste.
TSCA	U.S. EPA Region 5 unpublished threshold for remediation waste containing PCBs but whose source date and concentration are unknown

TABLE 4.3

**WASTE CHARACTERIZATION - SLUDGE/OIL
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	Primary		S-12636-052300-SM-295	W-12636-060700-CK-301	W-12636-060700-CK-303	W-12636-060700-CK-305
Sample Location	Screening		Bldg 63 Sumps	Frac Tank	Frac Tank	Frac Tank
Date Sampled	Criteria		5/23/2000	6/7/2000	6/7/2000	6/7/2000
TCLP Metals (mg/L)						
Arsenic	5	RCRA	ND (0.02)	--	--	--
Barium	100	RCRA	2.2	--	--	--
Cadmium	1	RCRA	0.04	--	--	--
Chromium	5	RCRA	ND (0.05)	--	--	--
Lead	5	RCRA	0.031	--	--	--
Mercury	0.2	RCRA	ND (0.0002)	--	--	--
Selenium	1	RCRA	0.02	--	--	--
Silver	5	RCRA	ND (0.1)	--	--	--
PCBs (mg/kg)						
Aroclor -1016	0.003	TSCA	ND (0.067)	ND (0.98)	ND (0.98)	ND (0.99)
Aroclor - 1221	0.003	TSCA	ND (0.067)	ND (0.98)	ND (0.98)	ND (0.99)
Aroclor - 1232	0.003	TSCA	ND (0.067)	ND (0.98)	ND (0.98)	ND (0.99)
Aroclor - 1242	0.003	TSCA	ND (0.067)	ND (0.98)	ND (0.98)	ND (0.99)
Aroclor - 1248	0.003	TSCA	ND (0.067)	ND (0.98)	ND (0.98)	ND (0.99)
Aroclor - 1254	0.003	TSCA	ND (0.067)	ND (0.98)	ND (0.98)	ND (0.99)
Aroclor - 1260	0.003	TSCA	ND (0.067)	ND (0.98)	ND (0.98)	ND (0.99)
TCLP VOCs (mg/L)						
1,1-Dichloroethylene	0.7	RCRA	ND (0.011)	--	--	--
1,2-Dichloroethane	0.5	RCRA	ND (0.011)	--	--	--
1,4-Dichlorobenzene	7.5	RCRA	ND (0.011)	--	--	--
Benzene	0.5	RCRA	ND (0.011)	--	--	--
Carbon tetrachloride	0.5	RCRA	ND (0.011)	--	--	--
Chlorobenzene	100	RCRA	ND (0.011)	--	--	--
Chloroform	6	RCRA	ND (0.011)	--	--	--
2-Butanone	200	RCRA	ND (0.11)	--	--	--
Tetrachloroethene	0.7	RCRA	ND (0.011)	--	--	--
Trichloroethene	0.5	RCRA	ND (0.011)	--	--	--
Vinyl chloride	0.2	RCRA	ND (0.011)	--	--	--

TABLE 4.3

**WASTE CHARACTERIZATION - SLUDGE/OIL
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	Primary		S-12636-052300-SM-295	W-12636-060700-CK-301	W-12636-060700-CK-303	W-12636-060700-CK-305
Sample Location	Screening		Bldg 63 Sumps	Frac Tank	Frac Tank	Frac Tank
Date Sampled	Criteria		5/23/2000	6/7/2000	6/7/2000	6/7/2000
TCLP SVOCs (µg/L)						
2,4,5-Trichlorophenol	400	RCRA	ND (0.056)	--	--	--
2,4,6-Trichlorophenol	2	RCRA	ND (0.056)	--	--	--
2,4-Dinitrotoluene	0.13	RCRA	ND (0.056)	--	--	--
2-Methylphenol		NC	ND (0.056)	--	--	--
3&4-Methylphenol (p&m-Cresol)		NC	ND (0.11)	--	--	--
Hexachlorobenzene	0.13	RCRA	ND (0.056)	--	--	--
Hexachlorobutadiene	0.5	RCRA	ND (0.056)	--	--	--
Hexachloroethane	3	RCRA	ND (0.056)	--	--	--
Nitrobenzene	2	RCRA	ND (0.056)	--	--	--
Pentachlorophenol	100	RCRA	ND (0.056)	--	--	--
Pyridine	5	RCRA	ND (0.11)	--	--	--

Notes:

- Not analyzed.
- NC No criteria established.
- ND (330) Not detected at detection limit identified in parentheses.
- RCRA Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for characteristically hazardous waste.
- TSCA U.S. EPA Region 5 unpublished threshold for remediation waste containing PCBs but whose source date and concentration are unknown

TABLE 4.4

**WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample ID	Primary		W-12636-060700-CK-300	W-12636-060700-CK-302	W-12636-060700-CK-304	W-12636-061300-CK-454	W-12636-062200-CK-458
Sample Location	Screening		Frac Tank	Frac Tank	Frac Tank	Frac Tank	Frac Tank
Date Sampled	Criteria		6/7/2000	6/7/2000	6/7/2000	6/13/2000	6/22/2000
Total Metals (mg/L)							
Arsenic	100	20x RCRA	--	--	--	--	--
Barium	2000	20x RCRA	--	--	--	--	--
Cadmium	20	20x RCRA	0.086	0.024	0.04	0.00076	0.012
Chromium	100	20x RCRA	1.3	0.15	0.13	0.013	0.38
Lead	100	20x RCRA	8	1.3	1.5	0.29	0.52
Mercury	4	20x RCRA	0.62	0.42	0.71	0.19	0.16
Selenium	20	20x RCRA	5.4	0.46	0.25	0.081	0.55
Silver	100	20x RCRA	0.027	ND (0.02)	0.022	0.00058	ND (0.02)
Zinc			22	7	27	0.27	2.3
TCLP Metals (mg/L)							
Arsenic	5	RCRA	--	--	--	--	--
Barium	100	RCRA	--	--	--	--	--
Cadmium	1	RCRA	--	--	--	--	--
Chromium	5	RCRA	--	--	--	--	--
Lead	5	RCRA	--	--	--	--	--
Mercury	0.2	RCRA	--	--	--	--	--
Selenium	1	RCRA	--	--	--	--	--
Silver	5	RCRA	--	--	--	--	--
PCBs (mg/L)							
Aroclor -1016	0.003	TSCA	ND (0.5)	ND (0.018)	ND (0.72)	ND (0.0001)	ND (0.00011)
Aroclor - 1221	0.003	TSCA	ND (0.5)	ND (0.018)	ND (0.72)	ND (0.0001)	ND (0.00011)
Aroclor - 1232	0.003	TSCA	ND (0.5)	ND (0.018)	ND (0.72)	ND (0.0001)	ND (0.00011)
Aroclor - 1242	0.003	TSCA	ND (0.5)	ND (0.018)	ND (0.72)	ND (0.0001)	ND (0.00011)
Aroclor - 1248	0.003	TSCA	ND (0.5)	ND (0.018)	ND (0.72)	ND (0.0001)	ND (0.00011)
Aroclor - 1254	0.003	TSCA	ND (0.5)	ND (0.018)	ND (0.72)	ND (0.0001)	ND (0.00011)
Aroclor - 1260	0.003	TSCA	ND (0.5)	ND (0.018)	ND (0.72)	ND (0.0001)	ND (0.00011)
Total VOCs (µg/L)							
1,1,1-Trichloroethane		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
1,1,2,2-Tetrachloroethane		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
1,1,2-Trichloroethane		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
1,1-Dichloroethane		NC	39	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
1,1-Dichloroethylene	14	RCRA	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
1,2-Dichloroethane	10	RCRA	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
1,2-Dichloropropane		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
4-Methyl-2-pentanone		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Acrolein			ND (25)	ND (0.05)	ND (0.005)	ND (0.005)	ND (0.25)
Acrylonitrile			ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Benzene	10	RCRA	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Bromodichloromethane		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Bromoform		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Bromomethane		NC	ND (25)	ND (0.05)	ND (0.005)	ND (0.005)	ND (1.3)
Carbon disulfide		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Carbon tetrachloride	10	RCRA	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Chlorobenzene	2000	RCRA	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Chloroethane		NC	ND (25)	ND (0.05)	ND (0.005)	ND (0.005)	ND (1.3)
Chloroform	120	RCRA	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Chloromethane		NC	ND (25)	ND (0.05)	ND (0.005)	ND (0.005)	ND (1.3)
cis-1,2-Dichloroethene		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
cis-1,3-Dichloropropene		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Dibromochloromethane		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Ethylbenzene		NC	ND (5.0)	22	1.2	ND (0.001)	ND (0.25)
Methylene chloride		NC	ND (5.0)	ND (0.05)	ND (0.005)	ND (0.005)	ND (1.3)
o-Xylene		NC	ND (5.0)	46	1.8	ND (0.001)	ND (0.25)
p&m-Xylene		NC	ND (5.0)	99	4.9	ND (0.001)	ND (0.25)
Styrene		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Tetrachloroethene		NC	ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)

TABLE 4.4

**WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>Primary</i>		W-12636-060700-CK-300	W-12636-060700-CK-302	W-12636-060700-CK-304	W-12636-061300-CK-454	W-12636-062200-CK-458
<i>Sample Location</i>	<i>Screening</i>		<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>Criteria</i>		<i>6/7/2000</i>	<i>6/7/2000</i>	<i>6/7/2000</i>	<i>6/13/2000</i>	<i>6/22/2000</i>
Toluene	NC		6.3	ND (0.01)	3.3	ND (0.001)	ND (0.25)
trans-1,2-Dichloroethene	NC		ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
trans-1,3-Dichloropropene	NC		ND (5.0)	ND (0.01)	ND (0.001)	ND (0.001)	ND (0.25)
Trichloroethene	10	RCRA	ND (25)	ND (0.05)	ND (0.005)	ND (0.005)	ND (1.3)
Vinyl chloride	4	RCRA	ND (25)	ND (0.05)	ND (0.005)	ND (0.005)	ND (1.3)
<i>TCLP VOCs (mg/L)</i>							
1,1-Dichloroethylene	0.7	RCRA	--	--	--	--	--
1,2-Dichloroethane	0.5	RCRA	--	--	--	--	--
1,4-Dichlorobenzene	7.5	RCRA	--	--	--	--	--
Benzene	0.5	RCRA	--	--	--	--	--
Carbon tetrachloride	0.5	RCRA	--	--	--	--	--
Chlorobenzene	100	RCRA	--	--	--	--	--
Chloroform	6	RCRA	--	--	--	--	--
2-Butanone	200	RCRA	--	--	--	--	--
Tetrachloroethene	0.7	RCRA	--	--	--	--	--
Trichloroethene	0.5	RCRA	--	--	--	--	--
Vinyl chloride	0.2	RCRA	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>							
1,2,4-Trichlorobenzene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
1,2-Dichlorobenzene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
1,3-Dichlorobenzene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
1,4-Dichlorobenzene	150	20x RCRA	ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2,4,6-Trichlorophenol	40	20x RCRA	ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2,4-Dichlorophenol	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2,4-Dimethylphenol	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2,4-Dinitrophenol	NC		ND (20)	ND (5)	ND (16)	ND (0.1)	ND (25)
2,4-Dinitrotoluene	2.6	20x RCRA	ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2,6-Dinitrotoluene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2-Chloronaphthalene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2-Chlorophenol	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2-Methyl-4,6-dinitrophenol	NC		ND (20)	ND (5)	ND (16)	ND (0.1)	ND (25)
2-Methylphenol (o-Cresol)	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
2-Nitrophenol	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
3,3-Dichlorobenzidine	NC		ND (20)	ND (5)	ND (4)	ND (0.025)	ND (25)
4-Bromophenyl-phenylether	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
4-Chloro-3-methylphenol	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
4-Chlorophenyl-phenylether	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
4-Nitroaniline	NC		ND (20)	ND (5)	ND (16)	ND (0.1)	ND (25)
4-Nitrophenol	NC		ND (20)	ND (5)	ND (16)	ND (0.1)	ND (25)
Acenaphthene	NC		ND (20)	ND (5)	ND (16)	ND (0.1)	ND (25)
Acenaphthylene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Anthracene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Benzidine			ND (5)	ND (13)	ND (40)	ND (0.025)	ND (63)
Benzo(a)anthracene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Benzo[a]pyrene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Benzo[b]fluoranthene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Benzo[g,h,i]perylene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Benzo[k]fluoranthene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Bis(2-Chloroethoxy)methane	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Bis(2-Chloroethyl)ether	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Bis(2-Chloroisopropyl)ether	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Bis(2-Ethylhexyl)phthalate	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Butylbenzylphthalate	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Carbazole	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Chrysene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Di-n-butylphthalate	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Di-n-Octylphthalate	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Dibenzo[a,h]anthracene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)

TABLE 4.4

**WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>Primary</i>		W-12636-060700-CK-300	W-12636-060700-CK-302	W-12636-060700-CK-304	W-12636-061300-CK-454	W-12636-062200-CK-458
<i>Sample Location</i>	<i>Screening</i>		<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>Criteria</i>		<i>6/7/2000</i>	<i>6/7/2000</i>	<i>6/7/2000</i>	<i>6/13/2000</i>	<i>6/22/2000</i>
Dibenzofuran	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Diethylphthalate	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Dimethylphthalate	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Fluorene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Fluoranthene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Hexachlorobenzene	2.6	20x RCRA	ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Hexachlorobutadiene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Hexachlorocyclopentadiene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Hexachloroethane	60	20x RCRA	ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Indeno[1,2,3-c,d]pyrene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Isophorone	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
n-Nitroso-di-n-propylamine	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
n-Nitrosodiphenylamine	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Naphthalene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Nitrobenzene	2	20x RCRA	ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Pentachlorophenol	100	20x RCRA	ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Phenanthrene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Phenol	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
Pyrene	NC		ND (5)	ND (1.3)	ND (4)	ND (0.025)	ND (6.3)
4,4'-DDD			ND (0.1)	ND (0.0035)	ND (0.14)	ND (0.0002)	ND (0.0002)
4,4'-DDE			ND (0.1)	ND (0.0035)	ND (0.14)	ND (0.0002)	ND (0.0002)
4,4'-DDT			ND (0.1)	ND (0.0035)	ND (0.14)	ND (0.0002)	ND (0.0002)
Aldrin			ND (0.05)	ND (0.0018)	ND (0.072)	ND (0.0001)	ND (0.0001)
alpha-BHC			ND (0.05)	ND (0.0018)	ND (0.072)	ND (0.0001)	ND (0.0001)
beta-BHC			ND (0.5)	ND (0.0018)	ND (0.072)	ND (0.0001)	ND (0.0001)
Chlordane			ND (5)	ND (0.18)	ND (7.2)	ND (0.01)	ND (0.01)
delta-BHC			ND (0.05)	ND (0.0018)	ND (0.072)	ND (0.0001)	ND (0.0001)
Dieldrin			ND (0.1)	ND (0.0035)	ND (0.14)	ND (0.0002)	ND (0.0002)
Endosulfan I			ND (0.25)	ND (0.0088)	ND (0.36)	ND (0.0005)	ND (0.0005)
Endosulfan II			ND (0.25)	ND (0.0088)	ND (0.36)	ND (0.0005)	ND (0.0005)
Endosulfan Sulfate			ND (0.25)	ND (0.0035)	ND (0.36)	ND (0.0005)	ND (0.0005)
Endrin			ND (0.1)	ND (0.0035)	ND (0.14)	ND (0.0002)	ND (0.0002)
Endrin Aldehyde			ND (0.1)	ND (0.0018)	ND (0.14)	ND (0.0002)	ND (0.0002)
gamma-BHC			ND (0.05)	ND (0.0018)	ND (0.072)	ND (0.0001)	ND (0.0001)
Heptachlor			ND (0.05)	ND (0.0018)	ND (0.072)	ND (0.0001)	ND (0.0001)
Heptachlor epoxide			ND (0.05)	ND (0.0018)	ND (0.072)	ND (0.0001)	ND (0.0001)
Toxaphene			ND (0.25)	ND (0.0088)	ND (0.36)	ND (0.0005)	ND (0.0005)
<i>TCLP SVOCs (µg/L)</i>							
2,4,5-Trichlorophenol	400	RCRA	--	--	--	--	--
2,4,6-Trichlorophenol	2	RCRA	--	--	--	--	--
2,4-Dinitrotoluene	0.13	RCRA	--	--	--	--	--
2-Methylphenol		NC	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)		NC	--	--	--	--	--
Hexachlorobenzene	0.13	RCRA	--	--	--	--	--
Hexachlorobutadiene	0.5	RCRA	--	--	--	--	--
Hexachloroethane	3	RCRA	--	--	--	--	--
Nitrobenzene	2	RCRA	--	--	--	--	--
Pentachlorophenol	100	RCRA	--	--	--	--	--
Pyridine	5	RCRA	--	--	--	--	--

TABLE 4.4
WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>Primary</i>	W-12636-060700-CK-300	W-12636-060700-CK-302	W-12636-060700-CK-304	W-12636-061300-CK-454	W-12636-062200-CK-458
<i>Sample Location</i>	<i>Screening</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>Criteria</i>	6/7/2000	6/7/2000	6/7/2000	6/13/2000	6/22/2000

TABLE 4.4

**WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-080800-CK-504</i>	<i>L-12636-080800-CK-505</i>	<i>L-12636-090800-SM-520</i>	<i>L-12636-090800-SM-521</i>	<i>L-12636-090800-SM-522</i>	<i>L-12636-090800-SM-523</i>
<i>Sample Location</i>	<i>Wastewater</i>	<i>Wastewater</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>8/8/2000</i>	<i>8/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>
<i>Total Metals (mg/L)</i>						
Arsenic	--	--	0.0067	ND (0.025)	0.014	0.0038
Barium	--	--	0.47	0.44	0.18	1.4
Cadmium	--	--	--	--	--	--
Chromium	--	--	--	--	--	--
Lead	--	--	--	--	--	--
Mercury	--	--	0.00037	ND (0.003)	ND (0.0002)	0.00031
Selenium	--	--	ND (0.02)	ND (0.1)	ND (0.02)	ND (0.01)
Silver	--	--	--	--	--	--
Zinc	--	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>						
Arsenic	--	--	--	--	--	--
Barium	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--
Chromium	--	--	--	--	--	--
Lead	--	--	--	--	--	--
Mercury	ND(0.0002)	ND(0.0002)	--	--	--	--
Selenium	--	--	--	--	--	--
Silver	--	--	--	--	--	--
<i>PCBs (mg/L)</i>						
Aroclor -1016	--	--	--	--	--	--
Aroclor - 1221	--	--	--	--	--	--
Aroclor - 1232	--	--	--	--	--	--
Aroclor - 1242	--	--	--	--	--	--
Aroclor - 1248	--	--	--	--	--	--
Aroclor - 1254	--	--	--	--	--	--
Aroclor - 1260	--	--	--	--	--	--
<i>Total VOCs (µg/L)</i>						
1,1,1-Trichloroethane	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--	--
Acrolein	--	--	--	--	--	--
Acrylonitrile	--	--	--	--	--	--
Benzene	--	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--
Carbon disulfide	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--
p&m-Xylene	--	--	--	--	--	--
Styrene	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--

TABLE 4.4

**WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-080800-CK-504</i>	<i>L-12636-080800-CK-505</i>	<i>L-12636-090800-SM-520</i>	<i>L-12636-090800-SM-521</i>	<i>L-12636-090800-SM-522</i>	<i>L-12636-090800-SM-523</i>
<i>Sample Location</i>	<i>Wastewater</i>	<i>Wastewater</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>8/8/2000</i>	<i>8/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>
Toluene	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>						
1,1-Dichloroethylene	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--
Benzene	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>						
1,2,4-Trichlorobenzene	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--
Anthracene	--	--	--	--	--	--
Benzidine	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--	--
Carbazole	--	--	--	--	--	--
Chrysene	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--	--

TABLE 4.4

**WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-080800-CK-504</i>	<i>L-12636-080800-CK-505</i>	<i>L-12636-090800-SM-520</i>	<i>L-12636-090800-SM-521</i>	<i>L-12636-090800-SM-522</i>	<i>L-12636-090800-SM-523</i>
<i>Sample Location</i>	<i>Wastewater</i>	<i>Wastewater</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>8/8/2000</i>	<i>8/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>
Dibenzofuran	--	--	--	--	--	--
Diethylphthalate	--	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--
Fluorene	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--
Phenanthrene	--	--	--	--	--	--
Phenol	--	--	--	--	--	--
Pyrene	--	--	--	--	--	--
4,4'-DDD	--	--	--	--	--	--
4,4'-DDE	--	--	--	--	--	--
4,4'-DDT	--	--	--	--	--	--
Aldrin	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--
Chlordane	--	--	--	--	--	--
delta-BHC	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--
Endosulfan I	--	--	--	--	--	--
Endosulfan II	--	--	--	--	--	--
Endosulfan Sulfate	--	--	--	--	--	--
Endrin	--	--	--	--	--	--
Endrin Aldehyde	--	--	--	--	--	--
gamma-BHC	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--
Heptachlor epoxide	--	--	--	--	--	--
Toxaphene	--	--	--	--	--	--
<i>TCLP SVOCs (µg/L)</i>						
2,4,5-Trichlorophenol	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--

TABLE 4.4
WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>L-12636-080800-CK-504</i>	<i>L-12636-080800-CK-505</i>	<i>L-12636-090800-SM-520</i>	<i>L-12636-090800-SM-521</i>	<i>L-12636-090800-SM-522</i>	<i>L-12636-090800-SM-523</i>
<i>Sample Location</i>	<i>Wastewater</i>	<i>Wastewater</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>8/8/2000</i>	<i>8/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>9/8/2000</i>

TABLE 4.4

**WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-090800-SM-524</i>	<i>L-12636-090800-SM-525</i>	<i>L-12636-101800-SM-567</i>	<i>L-12636-101800-SM-568</i>	<i>L-12636-101800-SM-569</i>
<i>Sample Location</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>10/18/2000</i>	<i>10/18/2000</i>	<i>10/18/2000</i>
<i>Total Metals (mg/L)</i>					
Arsenic	0.018	0.0067	--	--	--
Barium	0.34	0.91	--	--	--
Cadmium	--	--	--	--	--
Chromium	--	--	--	--	--
Lead	--	--	--	--	--
Mercury	0.00032	0.0013	--	--	--
Selenium	0.015	ND (0.01)	--	--	--
Silver	--	--	--	--	--
Zinc	--	--	--	--	--
<i>TCLP Metals (mg/L)</i>					
Arsenic	--	--	0.017	ND (0.01)	ND (0.01)
Barium	--	--	1.2	0.25	0.22
Cadmium	--	--	ND (0.002)	ND (0.002)	ND (0.002)
Chromium	--	--	ND (0.02)	ND (0.02)	ND (0.02)
Lead	--	--	ND (0.02)	ND (0.02)	ND (0.02)
Mercury	--	--	ND (0.0002)	ND (0.0002)	0.00027
Selenium	--	--	ND (0.04)	ND (0.04)	ND (0.04)
Silver	--	--	ND (0.004)	ND (0.004)	ND (0.004)
<i>PCBs (mg/L)</i>					
Aroclor -1016	--	--	ND (5.0)	ND (2.5)	ND (1.0)
Aroclor - 1221	--	--	ND (5.0)	ND (2.5)	ND (1.0)
Aroclor - 1232	--	--	ND (5.0)	ND (2.5)	ND (1.0)
Aroclor - 1242	--	--	ND (5.0)	ND (2.5)	ND (1.0)
Aroclor - 1248	--	--	ND (5.0)	ND (2.5)	ND (1.0)
Aroclor - 1254	--	--	ND (5.0)	ND (2.5)	ND (1.0)
Aroclor - 1260	--	--	ND (5.0)	ND (2.5)	ND (1.0)
<i>Total VOCs (µg/L)</i>					
1,1,1-Trichloroethane	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--
1,1-Dichloroethylene	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--
1,2-Dichloropropane	--	--	--	--	--
4-Methyl-2-pentanone	--	--	--	--	--
Acrolein	--	--	--	--	--
Acrylonitrile	--	--	--	--	--
Benzene	--	--	--	--	--
Bromodichloromethane	--	--	--	--	--
Bromoform	--	--	--	--	--
Bromomethane	--	--	--	--	--
Carbon disulfide	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--
Chlorobenzene	--	--	--	--	--
Chloroethane	--	--	--	--	--
Chloroform	--	--	--	--	--
Chloromethane	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--
Dibromochloromethane	--	--	--	--	--
Ethylbenzene	--	--	--	--	--
Methylene chloride	--	--	--	--	--
o-Xylene	--	--	--	--	--
p&m-Xylene	--	--	--	--	--
Styrene	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--

TABLE 4.4

WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>L-12636-090800-SM-524</i>	<i>L-12636-090800-SM-525</i>	<i>L-12636-101800-SM-567</i>	<i>L-12636-101800-SM-568</i>	<i>L-12636-101800-SM-569</i>
<i>Sample Location</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>10/18/2000</i>	<i>10/18/2000</i>	<i>10/18/2000</i>
Toluene	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--
trans-1,3-Dichloropropene	--	--	--	--	--
Trichloroethene	--	--	--	--	--
Vinyl chloride	--	--	--	--	--
<i>TCLP VOCs (mg/L)</i>					
1,1-Dichloroethylene	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--
Benzene	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--
Chlorobenzene	--	--	--	--	--
Chloroform	--	--	--	--	--
2-Butanone	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--
Trichloroethene	--	--	--	--	--
Vinyl chloride	--	--	--	--	--
<i>Total SVOCs (mg/kg)</i>					
1,2,4-Trichlorobenzene	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--
2-Methylphenol (o-Cresol)	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--
3,3-Dichlorobenzidine	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--
Acenaphthene	--	--	--	--	--
Acenaphthylene	--	--	--	--	--
Anthracene	--	--	--	--	--
Ben-zidine	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--
Benzo[g,h,i]perylene	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--
Bis(2-Chloroethoxy)methane	--	--	--	--	--
Bis(2-Chloroethyl)ether	--	--	--	--	--
Bis(2-Chloroisopropyl)ether	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	--	--	--	--	--
Butylbenzylphthalate	--	--	--	--	--
Carbazole	--	--	--	--	--
Chrysene	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--
Di-n-Octylphthalate	--	--	--	--	--
Dibenzo[a,h]anthracene	--	--	--	--	--

TABLE 4.4

**WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample ID</i>	<i>L-12636-090800-SM-524</i>	<i>L-12636-090800-SM-525</i>	<i>L-12636-101800-SM-567</i>	<i>L-12636-101800-SM-568</i>	<i>L-12636-101800-SM-569</i>
<i>Sample Location</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>10/18/2000</i>	<i>10/18/2000</i>	<i>10/18/2000</i>
Dibenzofuran	--	--	--	--	--
Diethylphthalate	--	--	--	--	--
Dimethylphthalate	--	--	--	--	--
Fluorene	--	--	--	--	--
Fluoranthene	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--
Hexachloroethane	--	--	--	--	--
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--
Isophorone	--	--	--	--	--
n-Nitroso-di-n-propylamine	--	--	--	--	--
n-Nitrosodiphenylamine	--	--	--	--	--
Naphthalene	--	--	--	--	--
Nitrobenzene	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--
Phenanthrene	--	--	--	--	--
Phenol	--	--	--	--	--
Pyrene	--	--	--	--	--
4,4'-DDD	--	--	--	--	--
4,4'-DDE	--	--	--	--	--
4,4'-DDT	--	--	--	--	--
Aldrin	--	--	--	--	--
alpha-BHC	--	--	--	--	--
beta-BHC	--	--	--	--	--
Chlordane	--	--	--	--	--
delta-BHC	--	--	--	--	--
Dieldrin	--	--	--	--	--
Endosulfan I	--	--	--	--	--
Endosulfan II	--	--	--	--	--
Endosulfan Sulfate	--	--	--	--	--
Endrin	--	--	--	--	--
Endrin Aldehyde	--	--	--	--	--
gamma-BHC	--	--	--	--	--
Heptachlor	--	--	--	--	--
Heptachlor epoxide	--	--	--	--	--
Toxaphene	--	--	--	--	--
<i>TCLP SVOCs (µg/L)</i>					
2,4,5-Trichlorophenol	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--
2-Methylphenol	--	--	--	--	--
3&4-Methylphenol (p&m-Cresol)	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--
Hexachloroethane	--	--	--	--	--
Nitrobenzene	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--
Pyridine	--	--	--	--	--

--

Not analyzed.

NC

No criteria established.

ND (330)

Not detected at detection limit identified in parentheses.

RCRA

Criteria established by the Resource Conservation and Recovery Act as defined in 40 CFR Part 261 for characteristically hazardous waste.

TSCA

U.S. EPA Region 5 unpublished threshold for remediation waste containing PCBs but whose source date

TABLE 4.4
WASTE CHARACTERIZATION - LIQUID
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

<i>Sample ID</i>	<i>L-12636-090800-SM-524</i>	<i>L-12636-090800-SM-525</i>	<i>L-12636-101800-SM-567</i>	<i>L-12636-101800-SM-568</i>	<i>L-12636-101800-SM-569</i>
<i>Sample Location</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>	<i>Frac Tank</i>
<i>Date Sampled</i>	<i>9/8/2000</i>	<i>9/8/2000</i>	<i>10/18/2000</i>	<i>10/18/2000</i>	<i>10/18/2000</i>
20x RCRA	and concentration are unknown Criteria is 20 times the TCLP criteria for characteristically hazardous waste as defined in RCRA, 40 CFR Part 261.				

TABLE 4.5

**TRANSFORMER AND CAPACITOR INVENTORY
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Serial Number</i>	<i>Type</i>	<i>Quantity</i>	<i>Location</i>	<i>PCB > 50 ppm?</i>
6179018	Transformer	1	Roof Outside	Yes
C-184095	Transformer	1	Roof Outside	Yes
6179014	Transformer	1	Roof Outside	Yes
6178998	Transformer	1	Roof Outside	Yes
6179021	Transformer	1	Roof Outside	Yes
6179017	Transformer	1	Roof Outside	Yes
6179004	Transformer	1	Roof Outside	Yes
6178997	Transformer	1	Roof Outside	Yes
5937	Transformer	1	Roof Outside	Yes
6179019	Transformer	1	Roof Outside	Yes
6179024	Transformer	1	Roof Outside	Yes
6178996	Transformer	1	Roof Outside	Yes
6179012	Transformer	1	Roof Outside	Yes
6179008	Transformer	1	Roof Outside	Yes
6179023	Transformer	1	Main Switchyard	Yes
6179016	Transformer	1	Main Switchyard	Yes
6179020	Transformer	1	Main Switchyard	Yes
6179010	Transformer	1	Roof Outside	Yes
6179005	Transformer	1	Roof Outside	Yes
6179003	Transformer	1	Roof Outside	Yes
6178999	Transformer	1	Roof Outside	Yes
6179007	Transformer	1	Roof Outside	Yes
6178995	Transformer	1	Roof Outside	Yes
6179009	Transformer	1	Roof Outside	Yes
6179001	Transformer	1	Roof Outside	Yes
6179013	Transformer	1	Roof Outside	Yes
6179000	Transformer	1	Roof Outside	Yes
6179025	Transformer	1	Roof Outside	Yes
6179002	Transformer	1	Roof Outside	Yes
6179006	Transformer	1	Roof Outside	Yes
6179011	Transformer	1	Roof Outside	Yes
6179015	Transformer	1	Roof Outside	Yes
6179022	Transformer	1	Roof Outside	Yes
C-175295	Transformer	1	Inside Platform	Yes
C-173197	Transformer	1	Inside Platform	Yes
C-173196	Transformer	1	Inside Platform	Yes

TABLE 4.5

**TRANSFORMER AND CAPACITOR INVENTORY
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Serial Number</i>	<i>Type</i>	<i>Quantity</i>	<i>Location</i>	<i>PCB > 50 ppm?</i>
N/A	Capacitor	1	E-3 Fan Room 1	Yes
N/A	Capacitor	1	K-3 Fan Room 2	Yes
N/A	Capacitor	1	E-8 Fan Room 3	Yes
N/A	Capacitor	1	K-8 Fan Room 4	Yes
N/A	Capacitor	3	E-12 Fan Room 5	Yes
N/A	Capacitor	2	K-12 Fan Room 6	Yes
N/A	Capacitor	2	E-17 Fan Room 7	Yes
N/A	Capacitor	2	K-17 Fan Room 8	Yes
N/A	Capacitor	2	E-21 Fan Room 9	Yes
N/A	Capacitor	3	K-22 Fan Room 10	Yes
N/A	Capacitor	2	E-26 Fan Room 11	Yes
N/A	Capacitor	2	K-26 Fan Room 12	Yes
N/A	Capacitor	2	E-30 Fan Room 13	Yes
N/A	Capacitor	2	K-30 Fan Room 14	Yes
N/A	Capacitor	2	E-35 Fan Room 15	Yes
N/A	Capacitor	2	K-35 Fan Room 16	Yes
N/A	Capacitor	6	B-27 Basement Fan Room	Yes
N/A	Capacitor	2	K-1 Ad Bldg Fan Room	Yes
N/A	Capacitor	11	Basement Power House	Yes
N/A	Capacitor	72	E-23 Substation 5	Yes
N/A	Capacitor	72	K-23 Substation 6	Yes
N/A	Capacitor	60	E-32 Substation 7	Yes
N/A	Capacitor	60	K-32 Substation 8	Yes
N/A	Capacitor	1	E-34UP Air Unit	Yes
N/A	Capacitor	1	H-35UP Air Unit	Yes
N/A	Capacitor	1	G-33UP Air Unit	Yes
N/A	Capacitor	1	J-35UP Air Unit	Yes
N/A	Capacitor	1	J-33UP Air Unit	Yes
N/A	Capacitor	1	H-37DWN Air Unit	Yes
B502119	Transformer	1	Main Switchyard	No
B502117	Transformer	1	Main Switchyard	No
B502118	Transformer	1	Main Switchyard	No
C255946	Transformer	1	Main Switchyard	No
C184333	Transformer	1	Main Switchyard	No
B502115	Transformer	1	Main Switchyard	No
B502116	Transformer	1	Main Switchyard	No
B502114	Transformer	1	Main Switchyard	No

APPENDIX A

SUMMARY ACM SURVEY REPORT

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

SUMMARY ACM SURVEY REPORT

**FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
FLINT, MICHIGAN**

**SEPTEMBER 1999
REF. NO. 12636 (6)**

**CONESTOGA-ROVERS & ASSOCIATES
11100 Metro Airport Center Drive, Suite #160
Romulus, Michigan 48174
(734) 942-0909 Office (734) 942-1858 Fax**

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
1.1 DEFINITIONS	1
1.2 METHODOLOGY	4
2.0 FACILITY BACKGROUND	6
2.1 FUNCTIONAL SPACES	6
2.2 PREVIOUS ACM INVESTIGATIONS AND ABATEMENT PROGRAMS	6
3.0 SAMPLING PROCEDURES	7
3.1 SAMPLE COLLECTION, HANDLING, AND PREPARATION	7
3.2 SAMPLE LABELING AND CONTROL	8
3.3 CHAIN-OF-CUSTODY RECORDS	9
3.4 SAMPLE ANALYSIS	9
4.0 ANALYTICAL RESULTS	10
4.1 OVERVIEW	10
4.2 EVALUATION OF RESULTS	10
5.0 SUMMARY	11
5.1 ACM QUANTITY ESTIMATE	11
5.2 DESCRIPTION OF CURRENT ACM CONDITIONS	11
5.3 DAMAGED ACM QUANTITY ESTIMATE	11
5.4 ADDITIONAL POTENTIAL ACM	11
6.0 ACM CATEGORIZATION	13
6.1 ASSESSMENT	13
7.0 RECOMMENDATIONS	14
8.0 CERTIFICATION	15

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

LIST OF FIGURES
(Following Text)

FIGURE 1.1	SITE LOCATION
FIGURE 1.2	SITE PLAN
FIGURE 3.1	SAMPLE LOCATION PLAN

LIST OF TABLES
(Following Text)

TABLE 3.1	SAMPLE SUMMARY
TABLE 4.1	ACM ANALYTICAL SAMPLE RESULTS
TABLE 4.2	SUMMARY OF CONFIRMED ACM SAMPLE RESULTS
TABLE 5.1	SUMMARY OF CONFIRMED ACM QUANTITIES
TABLE 6.1	ACM ASSESSMENT CATEGORIZATION

LIST OF APPENDICES

APPENDIX A	LABORATORY ANALYTICAL REPORTS
APPENDIX B	ACM SURVEY FIELD NOTES

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) was retained by General Motors Corporation (GM) to review and revise the Asbestos Containing Materials (ACM) Survey at the Former GM Coldwater Road Delphi I Plant Administration Building (Site) in Flint, Michigan. The survey was completed in April 1997. This review will limit the scope of the survey to the Administration Building.

1.1 DEFINITIONS

For the purposes of this ACM Survey Report the following definitions shall apply:

Accessible – when referring to ACM means that the material is subject to disturbance by building occupants or custodial or maintenance personnel in the course of their normal activities.

Asbestos - the asbestiform varieties of serpentinite (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite, anthophyllite, and actinolite-tremolite.

Asbestos-containing material (ACM) – any material or product that contains more than 1percent (>1%) asbestos.

Asbestos-containing building material (ACBM) – surfacing ACM, thermal system insulation ACM, or miscellaneous ACM that is found in or on interior structural members or other parts of the building

Category I non-friable ACM – asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products.

Category II non-friable ACM – any material excluding Category I non-friable ACM.

Damaged friable miscellaneous ACM – friable miscellaneous ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such that its bond to the substrate (adhesion) is inadequate or for which any other reason lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

separation of ACM into layers; separation from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM.

Damaged friable surfacing ACM – friable surfacing material which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such that its bond to the substrate (adhesion) is inadequate or for which any other reason lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM.

Damaged or significantly damaged thermal system insulation ACM – thermal system insulation ACM on pipes, boilers, tanks, ducts, and other thermal system insulation equipment where the insulation has lost its structural integrity, or its covering, in whole or in part, is crushed, water-stained, gouged, punctured, missing, or not intact such that it is not able to contain fibers. Damage may be further illustrated by occasional punctures, gouges or other signs of physical injury to ACM; occasional water damage on the protective coverings/jackets; or exposed ACM ends or joints.

Encapsulation – an airtight, impermeable, permanent barrier around ACBM to prevent the release of asbestos fibers into the air.

Exposed - when referring to ACM means that the material is subject to disturbance by building occupants or custodial or maintenance personnel in the course of their normal activities and does not require demolition activities to access.

Friable - when referring to asbestos means material, that when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously non-friable material after such previously non-friable material becomes damaged to the extent that when dry it may be crumbled, pulverized, or reduced to powder by hand pressure.

Functional Space – a room, group of rooms, or homogeneous area (including crawl spaces or the space between a dropped ceiling and the floor or roof deck above),

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

designated by a person accredited to prepare management plans, design abatement projects, or conduct response actions.

Homogeneous area – an area of surfacing material, thermal system insulation, or miscellaneous material that is uniform in color and texture.

Miscellaneous ACM – means asbestos building materials that is on structural components, structural members or fixtures, such as floor or ceiling tiles, and does not include surfacing material or thermal system insulation.

Non-friable - when referring to asbestos means material, that when dry, may not be crumbled, pulverized, or reduced to powder by hand pressure.

Potential damage – circumstances in which: friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities; there are indications that there is a reasonable likelihood that the material or its covering will become damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.

Potential significant damage – circumstances in which: friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities; there are indications that there is a reasonable likelihood that the material or its covering will become significantly damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage; the material is subject to major or continuing disturbance, due to factors including, but not limited to, accessibility or, under certain circumstances, vibration or air erosion.

Regulated ACM (RACM) – friable asbestos material; Category I non-friable ACM that has become friable; Category I non-friable ACM that will be subjected to sanding, grinding, cutting, or abrading; or Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

Significantly damaged friable miscellaneous ACM – damaged friable miscellaneous ACM where the damage is extensive and severe.

Significantly damaged friable surfacing ACM – damaged friable surfacing ACM in a functional space where the damage is extensive and severe.

Surfacing ACM – asbestos material that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

Thermal system insulation ACM – asbestos material that is applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior structural components to prevent heat loss or gain, water condensation, or for other purposes.

1.2 METHODOLOGY

This ACM Survey Report (ACM Report) presents the results of the ACM Survey, which to the extent practicable identified all (friable and non-friable) exposed and accessible ACM present at the Site and determined the assessment category for such ACM.

The ACM Report presents the following information:

- location of all ACM;
- determination of friability of ACM;
- sampling activities and analytical results for potential ACM;
- condition of ACM (i.e., degree of damage);
- location of damaged ACM; and
- estimate quantities of confirmed ACM.

The survey and associated sampling activities were conducted based upon the protocols established by the United States Environmental Protection Agency (USEPA) Asbestos Hazard Emergency Response Act (AHERA), Title 40 Code of Federal Regulations (CFR) Part 763. The following tasks were conducted as part of this survey:

- reviewed previous surveys and documentation of previous abatement activities;

**PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL**

- reviewed all available facility utility drawings (i.e., water, electrical, etc.);
- interviewed Site personnel to review previous survey and abatement activities;
- identified potential ACM;
- sampled and analyzed potential ACM to determine asbestos content;
- determined friability;
- determined condition of ACM (i.e., degree of damage); and
- estimated quantities of confirmed ACM.

ACM surveys involve the observation and sampling of thermal systems insulation (i.e. pipe, tank and duct insulation), surfacing materials (i.e. spray-on fireproofing, troweled-on plaster), and miscellaneous materials (i.e. floor tile, ceiling tile, roofing materials).

2.0 FACILITY BACKGROUND

The Site is located at 1245 Coldwater Road in Flint, Michigan. The location of the Site is presented on Figure 1.1. The focus of the ACM Survey was the administration building, which comprises approximately 70,000 square feet of floor space. The facility has been in operation since 1953 and has recently ceased operations.

2.1 FUNCTIONAL SPACES

The administration building is connected to the south end of the manufacturing building. It has two stories and a basement that was fully utilized. The administration building is one of six main structures that comprise the entire manufacturing facility. A Site plan is presented on Figure 1.2.

2.2 PREVIOUS ACM INVESTIGATIONS AND ABATEMENT PROGRAMS

A review of Site files and interviews with Site personnel by CRA indicated that GM contracted Industrial Environmental Consultants (IEC) of East Lansing, Michigan to conduct an asbestos survey for the entire facility in October 1990. CRA's review of the IEC Report (January 1991) indicates that the survey focuses on damaged ACM. The IEC Report does not provide a systematic comprehensive ACM inventory for the entire facility.

2.3 DESCRIPTION OF CURRENT ACM CONDITIONS

At the time of the survey, friable ACM in the facility was managed in place with very little being removed. Patched sections of pipe insulation are apparent on almost all of the facility's insulated pipes. CRA did not observe any ACM that presented a high degree of potential hazard to the general worker population (refer to Section 6.1 for the assessment categorization).

All areas where ACM has been repaired have been painted with blue enamel to identify the repaired location. CRA observed hundreds of areas where ACM has been repaired and properly maintained

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

3.0 SAMPLING PROCEDURES

On-Site survey and sample activities were conducted from February 10, 1997 to March 19, 1997. The survey and associated sampling activities were conducted in accordance with the protocols established by the USEPA AHERA Standard, Title 40 CFR Part 763. Sample locations for the administration building are presented on Figure 3.1.

Potential ACM identified in the administration building consisted of thermal systems insulation (pipe and tank insulation), surfacing material (plaster) and miscellaneous materials (floor tile and mastic, linoleum, wallboard, window glazing, and roofing materials).

3.1 SAMPLE COLLECTION, HANDLING, AND PREPARATION

Nineteen bulk samples of potential ACM were collected for laboratory analysis in order to define specific locations and quantities of exposed ACM. The samples were collected from building materials that may potentially contain ACM. When a sample of potential ACM was collected, details regarding quantity, friability, color, size, surface location and material purpose (e.g., insulation, fire barrier, or mastic) were noted. During the course of the survey, materials with like properties were cross-referenced and recorded for later comparison. A sample summary of potential ACM is presented in Table 3.1.

When bulk sampling thermal systems insulation, which are not assumed to be ACM; at least three randomly distributed samples are collected from each homogeneous area. Many pipelines were insulated with either fibrous glass or foam glass, which are not considered to be asbestos-containing in accordance with the USEPA AHERA Standard, Title 40 CFR Part 763.86(b)(4). Per this guidance, inspectors may visually identify such materials and are not required to collect samples in order to affirm a negative result for asbestos content.

When bulk sampling surfacing material, which are not assumed to be ACM; the quantity of potential ACM was estimated, and sample locations were determined based on a statistically random manner that was representative of the homogeneous area. The appropriate number of samples were collected. At least three samples are collected for each homogeneous area that is 1,000 square feet or less; at least five samples are

**PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL**

collected for each homogeneous area that is greater than 1,000 square feet but less than or equal to 5,000 square feet; or at least seven samples are collected for each homogeneous area that is greater than 5,000 square feet.

When bulk sampling of miscellaneous materials, which are not assumed to be ACM; samples shall be collected in a manner sufficient to determine whether the material is ACM or not ACM

Where possible, a 1-inch square of material was collected to the maximum depth possible. Once collected, samples were immediately placed in sample bags, sealed and labeled. Each sample was labeled specifying the sample location, date, sampler's name and request for analysis. This information was also recorded on the field sample data sheets. After each sample was collected, the sample location was repaired with high temperature caulk and/or duct tape.

3.2 SAMPLE LABELING AND CONTROL

A unique sample numbering system was used to identify each sample that was collected. This system provided a tracking number to allow retrieval and cross-referencing of sample information. The sample number system that was used is described as follows:

Example: A-9564-031697-ML-001

A-9564 – designates potential ACM from CRA Project Number 9564
031697 – designates the calendar date (mm/dd/yy) the sample was collected
ML – designates the sampler's initials
001 – designates the sample number

Samples were delivered to Environmental Hazards Services, Inc. (EHS) in Richmond, Virginia under chain-of-custody (COC) control, as described in Section 3.3.

**PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL**

3.3 CHAIN-OF-CUSTODY RECORDS

COC records were used to track all samples from the point of collection to the arrival of the samples at the laboratory. The COC record accompanied the sample shipment to the laboratory and was signed by the receiving laboratory's sample custodian. COCs are included with the analytical data presented in Appendix A.

3.4 SAMPLE ANALYSIS

Identification and quantification of potential asbestos material in bulk samples was performed by EHS in accordance with United States Environmental Protection Agency (USEPA) "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", 40 CFR Part 763, Subpart E, Appendix E, 1987, using polarized light microscopy (PLM). Laboratory analytical reports are presented in Appendix A.

4.0 ANALYTICAL RESULTS

4.1 OVERVIEW

Asbestos results are reported as a percentage of asbestos-form and non-asbestos-form material. Morphological variations are the basis for the categorization of asbestos materials. The categories are subdivided as follows:

Asbestos-form material	- chrysotile
	- crocidolite
	- amosite
	- tremolite
Non-asbestos-form material	- cellulose
	- fibrous glass
	- non-fibrous

A summary of the analytical results for the potential ACM samples is presented in Table 4.1.

4.2 EVALUATION OF RESULTS

Table 4.2 summarizes confirmed ACM sample analyses by sample identification, location, and percent ACM.

Fifteen of the nineteen samples collected from various locations throughout the Site were found to contain ACM. Samples were divided into layers at the laboratory if it was determined that the material contained distinct, separate layers (i.e. floor tile and mastic).

5.0 SUMMARY

5.1 ACM QUANTITY ESTIMATE

The following quantities of friable ACM were identified on-Site during the survey:

- 517 linear feet of 2 to 6-inch diameter pipe insulation;
- 162 linear feet of 8 to 12-inch diameter pipe insulation; and
- 200 square feet of tank insulation.

The following quantities of non-friable ACM were identified on-Site during the survey:

- 27,528 square feet of floor tile and mastic.

The quantities of confirmed ACM estimated during this survey are summarized in Table 5.1.

5.2 DESCRIPTION OF CURRENT ACM CONDITIONS

In general, the ACM has been managed in place with very little being removed. Patched areas of insulation are apparent on almost all of the facility's insulated pipes. CRA did not observe any ACM that presented a high degree of risk to the worker population.

5.3 DAMAGED ACM QUANTITY ESTIMATE

There are a number of locations at the Site where damaged material was observed. In most cases, the damaged ACM do not represent a continuous length of insulation; they represent the length of pipe along which several localized sections contain damage.

Approximately 7,886 square feet of non-friable floor tile is damaged. The floor tile is located in the records room, conference room, main hallway, and east end work area.

5.4 ADDITIONAL POTENTIAL ACM

**PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL**

Personnel at the facility indicated that potential ACM at the Site includes roofing materials and siding. These materials were not sampled do to accessibility and safety concerns. Additional potential ACM may also be present behind building walls, above ceilings, or in other areas not accessible to CRA during the Site inspection.

6.0 ACM CATEGORIZATION

6.1 ASSESSMENT

Assessment categories, according to AHERA, associated with all ACM that was identified at the Site are presented in Table 6.1. This table presents the risk assessment for each category of ACM identified. CRA did not observe any ACM that presented a high degree of risk to the general worker population.

7.0 RECOMMENDATIONS

Federal EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations state that the owner of a facility must comply with the following procedures; remove all Regulated ACM (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge, or similarly disturb the material or preclude access to the material for subsequent removal.

The pipe insulation, tank insulation, and siding are defined under NESHAP as friable ACM. The ACM floor tile and roofing materials are defined under NESHAP as Category I non-friable ACM.

According to the NESHAP regulations, the floor tile and roofing materials are considered to be non-Regulated ACM (non-RACM) and may not be required to be removed prior to demolition or renovation. The pipe insulation, tank insulation, and siding are friable RACM and are required to be removed prior to demolition or renovation.

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

8.0 CERTIFICATION

On-Site survey and sampling activities were conducted from February 10, 1997 to March 19, 1997. The survey and associated sampling activities were conducted in accordance with the protocols established by the USEPA AHERA Standard, Title 40 CFR Part 763.

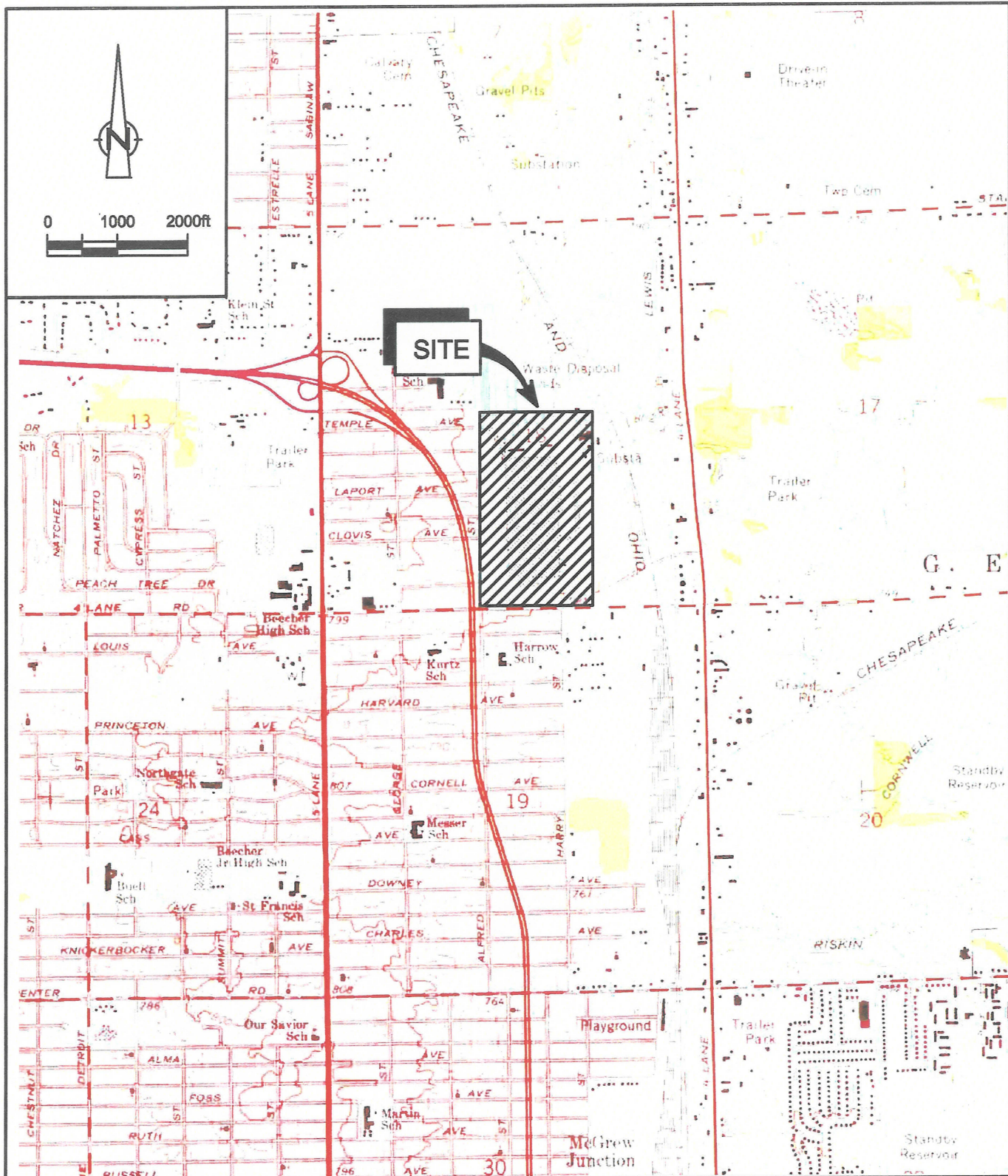
Mr. Matthew Lazaric conducted the survey, sampling activities and assessment. Mr. Lazaric is a USEPA accredited Building Inspector (Accreditation #599-IR-001), and a USEPA accredited Management Planner (Accreditation #599-MR-001). In addition to the federal accreditations Mr. Lazaric also maintains a State of Michigan Inspector's accreditation (Accreditation #A14827) and Management Planner's accreditation (329-70-0937).

I hereby acknowledge that the contents of this report accurately represent the conditions found at the facility during the survey.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Fred Blushko for", is written over a horizontal line.

Matthew G. Lazaric



SOURCE: USGS QUADRANGLE MAP;
FLINT NORTH, MICHIGAN



figure 1.1
SITE LOCATION
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
Flint, Michigan

CRA

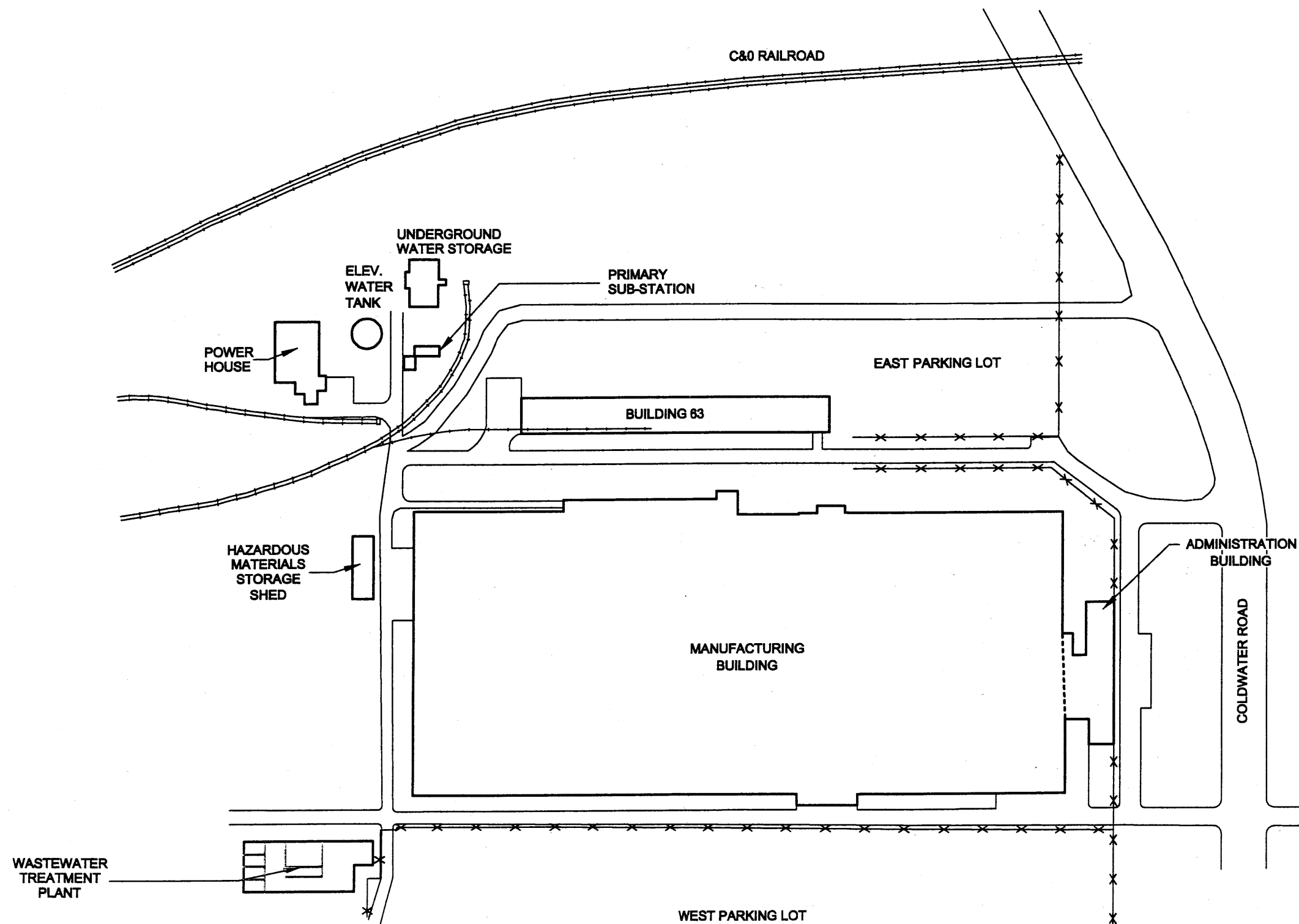
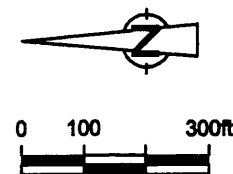
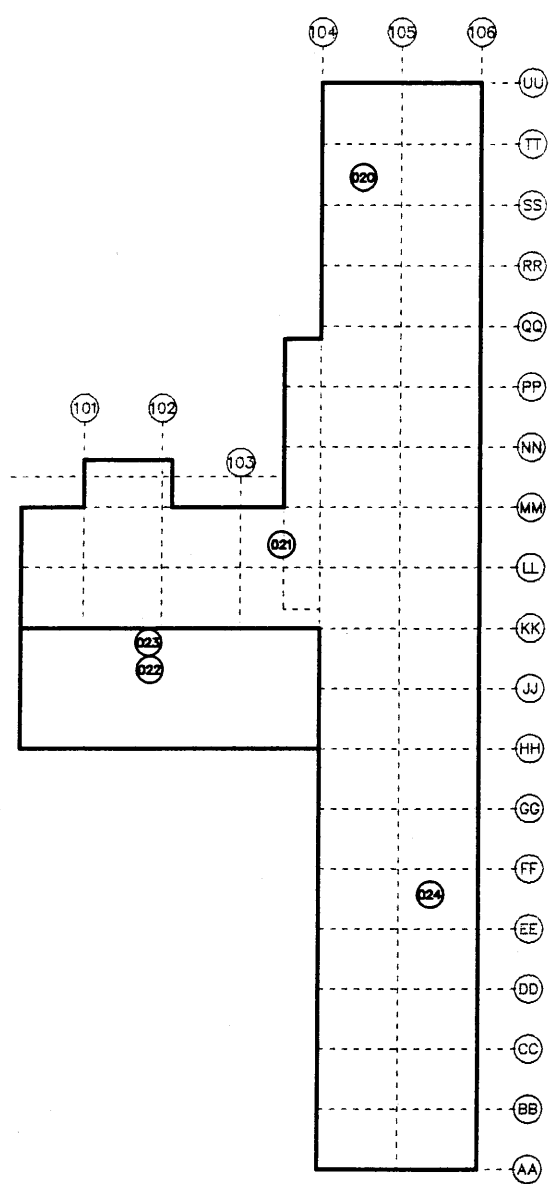
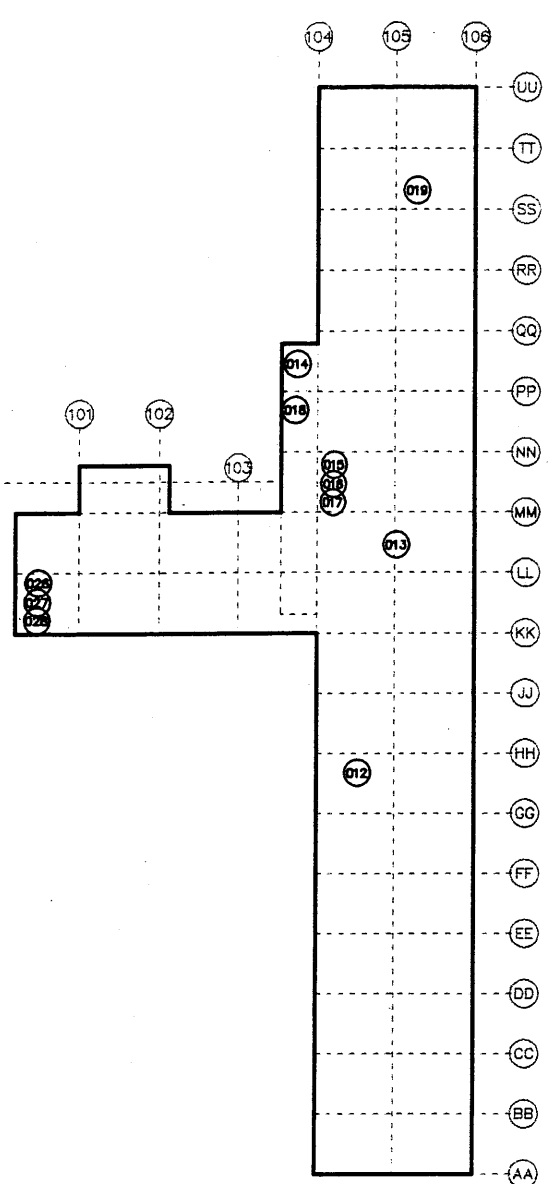


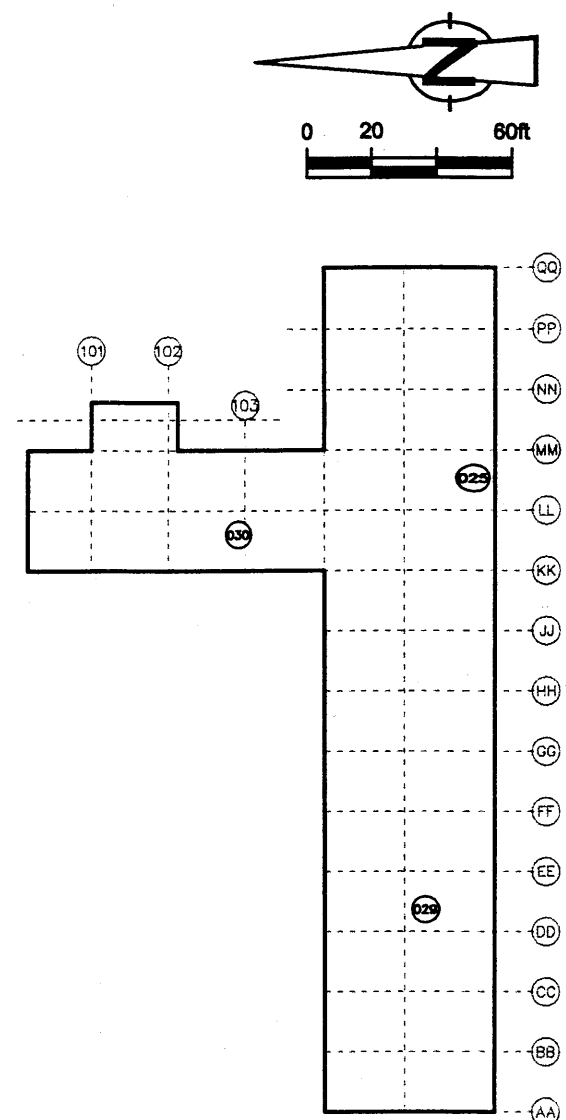
figure 1.2
SITE PLAN
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
Flint, Michigan



FIRST FLOOR PLAN



BASEMENT PLAN



SECOND FLOOR PLAN

LEGEND

024 SAMPLE LOCATION

figure 3.1
SAMPLE LOCATION PLAN
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
Flint, Michigan

TABLE 3.1

**SAMPLE SUMMARY
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
ADMINISTRATION BUILDING
FLINT, MICHIGAN**

<i>Sample ID (A-9564-)</i>	<i>Material</i>
012	Floor Tile
013	Floor Tile
014	Floor Tile
015	Ceiling Tile
016	Floor Tile
017	Floor Tile
018	Ceiling Tile
019	Floor Tile
020	Floor Tile
021	Floor Tile
022	Pipe Insulation
023	Pipe Insulation
024	Floor Tile
025	Pipe Insulation
026	Tank Insulation
027	Pipe Insulation
028	Pipe Insulation
029	Floor Tile
030	Pipe Insulation

TABLE 4.1

ACM ANALYTICAL SAMPLE RESULTS
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
ADMINISTRATION BUILDING
FLINT, MICHIGAN

Sample ID	Material	Percent Asbestos				Percent Non-Asbestos		
		Chrysotile	Amosite	Crocidolite	Tremolite	Fibrous		Non-fibrous Other
						Cellulose	Glass	
012	Floor Tile	20%	--	--	--	--	--	80%
	Mastic	5%	--	--	--	--	--	95%
013	Floor Tile	5%	--	--	--	--	--	95%
	Mastic	--	--	--	--	--	--	100%
014	Floor Tile	25%	--	--	--	--	--	75%
	Mastic	--	--	--	--	--	--	100%
015	Ceiling Tile	--	--	--	--	60%	10%	30%
016	Floor Tile	2%	--	--	--	--	--	98%
	Mastic	--	--	--	--	40%	--	60%
017	Floor Tile	--	--	--	--	--	--	100%
	Mastic	--	--	--	--	10%	--	90%
018	Ceiling Tile	--	--	--	--	--	90%	10%
019	Floor Tile	15%	--	--	--	--	--	85%
	Mastic	--	--	--	--	5%	--	95%
020	Floor Tile	15%	--	--	--	--	--	85%
	Mastic	--	--	--	--	--	--	100%

TABLE 4.1

ACM ANALYTICAL SAMPLE RESULTS
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
ADMINISTRATION BUILDING
FLINT, MICHIGAN

Sample ID	Material	Percent Asbestos				Percent Non-Asbestos		
		Chrysotile	Amosite	Crocidolite	Tremolite	Fibrous		Non-fibrous Other
						Cellulose	Glass	
021	Floor Tile	4%	--	--	--	--	--	96%
	Mastic	30%	--	--	--	--	--	70%
022	Pipe Insulation	--	--	--	--	85%	--	15%
023	Pipe Insulation	15%	--	--	--	75%	--	10%
024	Floor Tile	25%	--	--	--	--	--	75%
025	Pipe Insulation	10%	40%	--	--	--	--	50%
026	Tank Insulation	60%	--	--	--	12%	--	28%
027	Pipe Insulation	8%	37%	--	--	12%	--	43%
028	Pipe Insulation	5%	40%	--	--	3%	--	52%
029	Floor Tile	13%	--	--	--	--	--	87%
	Mastic	<1%	--	--	--	4%	1%	95%
030	Pipe Insulation	10%	37%	--	--	13%	--	40%

TABLE 4.2

SUMMARY OF CONFIRMED ACM SAMPLE RESULTS
ADMINISTRATION BUILDING
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
FLINT, MICHIGAN

Sample ID (A-9564-)	Material	Percent Asbestos			
		Chrysotile	Amosite	Crocidolite	Total Asbestos
012	Floor Tile	20%	--	--	20%
	Mastic	5%	--	--	5%
013	Floor Tile	5%	--	--	5%
014	Floor Tile	25%	--	--	25%
016	Floor Tile	2%	--	--	2%
019	Floor Tile	15%	--	--	15%
020	Floor Tile	15%	--	--	15%
021	Floor Tile	4%	--	--	4%
	Mastic	30%	--	--	30%
023	Pipe Insulation	15%	--	--	15%
024	Floor Tile	25%	--	--	25%
025	Pipe Insulation	10%	40%	--	50%
026	Tank Insulation	60%	--	--	60%
027	Pipe Insulation	8%	37%	--	45%
028	Pipe Insulation	5%	40%	--	45%
029	Floor Tile	13%	--	--	13%
	Mastic	<1%	--	--	<1%
030	Pipe Insulation	10%	37%	--	47%

TABLE 5.1

SUMMARY OF CONFIRMED ACM QUANTITIES
ADMINISTRATION BUILDING
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
FLINT, MICHIGAN

<i><u>Administration Building</u></i>	<i><u>Linear Feet</u></i>	<i><u>Square Feet</u></i>
Pipe Insulation	679	--
Tank Insulation	--	200
Floor Tile	--	27,528
TOTAL	679	27,728

TABLE 6.1

ACM ASSESSMENT CATEGORIZATION
 ADMINISTRATION BUILDING
 FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
 FLINT, MICHIGAN

Location/Column	Material	Quantity	
		Linear Feet	Square Feet
<u>Assessment Category 1:</u> Damaged or Significantly Damaged Thermal Systems Insulation ACM			
	Total Category 1:	<u>0</u>	<u>0</u>
<u>Assessment Category 2:</u> Damaged Friable Surfacing ACM			
	Total Category 2:	<u>0</u>	<u>0</u>
<u>Assessment Category 3:</u> Significantly Damaged Friable Surfacing ACM			
	Total Category 3:	<u>0</u>	<u>0</u>
<u>Assessment Category 4:</u> Damaged or Significantly Damaged Friable Miscellaneous ACM			
	Total Category 4:	<u>0</u>	<u>0</u>

TABLE 6.1

ACM ASSESSMENT CATEGORIZATION
ADMINISTRATION BUILDING
FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
FLINT, MICHIGAN

Location/Column	Material	Quantity	
		Linear Feet	Square Feet
<u>Assessment Category 5: ACBM with the Potential for Damage</u>			
Records Room	Floor Tile		920
Hallway	Floor Tile		1,721
East End Work Area	Floor Tile		3,600
Opposite Records Room	Floor Tile		815
Conference Room	Floor Tile		830
Women's Room	Floor Tile		144
Elevator 16	Floor Tile		30
Computer Room	Floor Tile		2,000
Nurses' Suite	Floor Tile		1,550
West End	Floor Tile		7,000
Closet Next Elevator 16	Floor Tile		48
Boiler Room	Pipe Insulation	157	
Offices	Floor Tile		1,757
Women's Room	Floor Tile		144
Main Hall	Floor Tile		275
AC Fan Room	Pipe Insulation	15	
Women's Room	Floor Tile		144
Janitor's Closet	Floor Tile		50
Total Category 5:		172	21,028

TABLE 6.1

ACM ASSESSMENT CATEGORIZATION
 ADMINISTRATION BUILDING
 FORMER DELPHI INTERIOR & LIGHTING SYSTEMS PLANT
 FLINT, MICHIGAN

Location/Column	Material	Quantity	
		Linear Feet	Square Feet
<u>Assessment Category 6: ACBM with the Potential for Significant Damage</u>			
	Total Category 6:	0	0
<u>Assessment Category 7: Any remaining ACBM Suspected ACBM</u>			
Garage	Pipe Insulation	75	
West End Offices	Floor Tile		6,500
Conference Room	Pipe Insulation	100	
Boiler Room	Tank Insulation		200
Boiler Room	Pipe Insulation	162	
AC Fan Room	Pipe Insulation	170	
	Total Category 7:	507	6,700

APPENDIX A

LABORATORY ANALYTICAL REPORTS

ENVIRONMENTAL HAZARDS SERVICES, INC

7469 White Pine Road

Richmond, Virginia 23237

Phone: (804) 275-4788 Fax: (804) 275-4907

File: 9564

Analytical Report

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Conestoga-Rovers & Associates DATE OF RECEIPT: 27 FEB 1997
 11100 Metro Airport Center Drive DATE OF ANALYSIS: 28 FEB 1997
 Suite 160 DATE OF REPORT: 28 FEB 1997
 Romulus, MI 48174 AMENDED: 07 MAR 1997

EHS PROJECT #: 02-97-2663 PROJECT: 10-4684

EHS SAMPLE#	CLIENT SAMPLE #/ LAB. GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01A	001(a)-Tile/ White Org. Bd.	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
01B	001(b)-Mastic/ Black Org. Bd.	NAD	3% Cellulose 97% Non-Fibrous
02A	002(a)-Tile/ Black Org. Bd.	3% Chrysotile 5% Total Asbestos	95% Non-Fibrous
02B	002(b)-Mastic/ Black Org. Bd.	NAD	100% Non-Fibrous
03	003/ White Cement.	5% Chrysotile 10% Amosite 15% Total Asbestos	85% Non-Fibrous
04	004/ White/Brown Cement.	NAD	100% Non-Fibrous
05	005/ Gray Cement.	20% Chrysotile 20% Total Asbestos	80% Non-Fibrous
06	006/ Tan Fib.	NAD	90% Cellulose 10% Non-Fibrous
07	007/ White Fib.	40% Amosite 40% Total Asbestos	60% Non-Fibrous
08A	008(a)-Tile/ Tan Org. Bd.	10% Chrysotile 10% Total Asbestos	90% Non-Fibrous
08B	008(b)-Mastic/ Black Org. Bd.	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
09	009/ Brown Fib.	15% Chrysotile 15% Total Asbestos	85% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, INC

EHS PROJECT #: 02-97-2663 PROJECT: 10-4684

Method: Polarized Light Microscopy, EPA Method 600/R-93/116

Standards: The current OSHA Standard is one percent (1%) by weight.

Analyst: Scott Klaus

Reviewed by (*): 
L. Miller-Buie, Environmental Geologist
or Howard Varner, Laboratory Director

NVLAP ACCREDITATION #1882

NOTE: Results represent the analysis by Environmental Hazards Services, Inc., of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, Inc.

Environmental Hazards Services, Inc. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy ((TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

(*) All final reports have been reviewed and signed by one of the above listed approved signatories.

NAD = No Asbestos Detected

SCF = Suspected Ceramic Fibers

nrwrep.wpp/06FEB1997/MEE

- PAGE 02 of 02 - END OF REPORT -

G&E ENGINEERING
 ENVIRONMENTAL CONSULTANTS
 P.O. Box 77510
 Baton Rouge, LA. 70879-7510
 Phone (504) 292-9007
 Fax (504) 293-1748



**ANALYSIS REQUEST AND
 CHAIN OF CUSTODY RECORD**
 EHS 02-97-2663

LABORATORY SAMPLES SUBMITTED TO: EHS.		SUBMITTED BY: G&E ENG. (JASON RIVIC)		PAGE 1 OF 1	
ENVIRONMENTAL HAZARD SERVICES		4917 SOUTH STEELED FOREST.			
Richmond Virginia.		BATON ROUGE, LA 70816			
REPORT RESULTS TO: ATT: MITCH BEZUSOUE		PROJECT NAME: G.M. FLINT.		PROJECT NO.: 10-4684	
TURNAROUND TIME REQUESTED: 24 Hrs.		TEST(S)		REMARKS	
SAMPLE NO.	DATE	SAMPLE TYPE (BULK, AIR, WATER, SOIL, SLUDGE, ETC.)	(PCM, PLM, TEM, LEAD, TPH, PCBs, BTEX, ETC.)		
001	2-26-97	Bulk	PLM	Please Fax Results to	
002	2-26-97	Bulk	-	MR: MITCH BEZUSOUE	
003	2-26-97	Bulk	-	Fax NO (517) 624-2053	
004	2-26-97	Bulk	-	THANKS	
005	2-26-97	Bulk	-		
006	2-26-97	Bulk	-		
007	2-26-97	Bulk	-		
008	2-26-97	Bulk	-		
009	2-26-97	Bulk	-		
RELINQUISHED BY: Jason Rivic		DATE: 2-26-97		RECEIVED BY: [Signature]	DATE: 2-27-97
RELINQUISHED BY:		DATE:		RECEIVED BY:	DATE:
				RECEIVED FOR LABORATORY: [Signature]	DATE: 2/27/97

(NOTE INSIDE CLEARANCE SAMPLES WITH AN ASTERISK *)

ENVIRONMENTAL HAZARDS SERVICES, INC

7469 White Pine Road

Richmond, Virginia 23237

Phone: (804) 275-4788 Fax: (804) 275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Conestoga-Rovers & Associates DATE OF RECEIPT: 28 FEB 1997
 11100 Metro Airport Center Drive DATE OF ANALYSIS: 28 FEB 1997
 Suite 160 DATE OF REPORT: 02 MAR 1997
 Romulus, MI 48174 AMENDED: 07 MAR 1997

EHS PROJECT #: 02-97-2862 PROJECT: 10-4684

EHS SAMPLE#	CLIENT SAMPLE #/ LAB. GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
-------------	--	------------	-----------------

01A	010(a)-Tile/ Tan Org. Bd.	20% Chrysotile 20% Total Asbestos	80% Non-Fibrous
01B	010(b)-Mastic/ Black Bituminous	10% Chrysotile 10% Total Asbestos	90% Non-Fibrous
02A	011(a)-Tile/ Tan Org. Bd.	20% Chrysotile 20% Total Asbestos	80% Non-Fibrous
02B	011(b)-Mastic/ Black Bituminous	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
03A	012(a)-Tile/ Red Org. Bd.	20% Chrysotile 20% Total Asbestos	80% Non-Fibrous
03B	012(b)-Mastic/ Black Bituminous	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
04A	013(a)-Tile/ Red Org. Bd.	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
04B	013(b)-Mastic/ Tan/Black Brittle	NAD	100% Non-Fibrous
05A	014(a)-Tile/ Tan Org. Bd.	25% Chrysotile 25% Total Asbestos	75% Non-Fibrous
05B	014(b)-Mastic/ Black Brittle	NAD	100% Non-Fibrous
06	015/ Gray Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
07A	016(a)-Tile/ White Org. Bd.	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
07B	016(b)-Mastic/Backing/ Black Fib.	NAD	40% Cellulose 60% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, INC

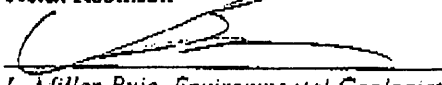
EHS PROJECT #: 02-97-2862 PROJECT: 10-4684

08A	017(a)-Tile/ Black Org. Bd.	NAD	100% Non-Fibrous
08B	017(b)-Mastic/ Brown Fib.	NAD	10% Cellulose 90% Non-Fibrous
09	018/ Gray Fib.	NAD	90% Fibrous Glass 10% Non-Fibrous
10A	019(a)-Tile/ Red Org. Bd.	15% Chrysotile 15% Total Asbestos	85% Non-Fibrous
10B	019(b)-Mastic/ Black Brittle	NAD	5% Cellulose 95% Non-Fibrous
11A	020(a)-Tile/ Red Org. Bd.	15% Chrysotile 15% Total Asbestos	85% Non-Fibrous
11B	020(b)-Mastic/ Black Brittle	NAD	100% Non-Fibrous
12A	021(a)-Tile/ Blue Org. Bd.	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
12B	021(b)-Mastic/ Black Bituminous	30% Chrysotile 30% Total Asbestos	70% Non-Fibrous
13	022/ Gray/Beige Fib.	NAD	85% Cellulose 15% Non-Fibrous
14	023/ Beige Fib.	15% Chrysotile 15% Total Asbestos	75% Cellulose 10% Non-Fibrous
15	024/ Red Org. Bd.	25% Chrysotile 25% Total Asbestos	75% Non-Fibrous
16	025/ White Fib.	10% Chrysotile 40% Amosite 50% Total Asbestos	50% Non-Fibrous

Method: Polarized Light Microscopy, EPA Method 600/R-93/116

Standards: The current OSHA Standard is one percent (1%) by weight.

Analyst: Keith Robinson

Reviewed by (*): 
L. Miller-Buie, Environmental Geologist
or Howard Varner, Laboratory Director

NVLAP ACCREDITATION #1882

ENVIRONMENTAL HAZARDS SERVICES, INC

EHS PROJECT #: 02-97-2862 PROJECT: 10-4684

NOTE: Results represent the analysis by Environmental Hazards Services, Inc., of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, Inc.

Environmental Hazards Services, Inc. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy ((TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

(*) All final reports have been reviewed and signed by one of the above listed approved signatories.

NAD = No Asbestos Detected

SCF = Suspected Ceramic Fibers

newrep.wps/04FEB1997/110

— PAGE 03 of 03 — END OF REPORT —

EHS 02-97-2862

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



G&E ENGINEERING

ENVIRONMENTAL CONSULTANTS

P.O. Box 77510

Baton Rouge, LA 70879-7510

Phone (504) 292-9007

Fax (504) 293-1748

Sep-17-99 01:21pm

From-CONESTOGA-ROVERS & ASSOCIATES

7733806421

T-360 P.08/20 F-681

LABORATORY SAMPLES SUBMITTED TO: <u>E.P.S.</u> <u>ENVIRONMENTAL HAZARDS SERVICES</u> <u>RECHMOND VIRGINIA</u>		SUBMITTED BY: <u>G&E ENG. (JOAN ZOVIC)</u> <u>4915 SOUTH SHERWOOD FOREST BLVD</u> <u>BOFON ROUGE LA 70810</u>		PAGE <u>1</u> OF <u>2</u>	
REPORT RESULTS TO: <u>MITCH BERGQUEN</u>		TURNAROUND TIME REQUESTED: <u>2nd Hrs</u>		PROJECT NAME: <u>G.M.</u> <u>FLINT. MICULYER</u>	
SAMPLE NO.	DATE	SAMPLE TYPE (BULK AIR, WATER, SOIL, SLUDGE, ETC.)	TEST(S) (PCM, PLM, ITEM, LEAD, TPH, PCB, BTEX, ETC.)	REMARKS	PROJECT NO.: <u>10--4684</u>
010	2-27-97	Bulk	FLM	PLEASE FAX RESULTS TO:	
011	"	"	"	Me: MITCH BERGQUEN	
012	"	"	"	FAX NR (517) 6242053	
013	"	"	"		
014	"	"	"		
015	"	"	"		
016	"	"	"		
017	"	"	"		
018	"	"	"		
019					
SAMPLER(S) <u>Joan Zovic</u>		RELINQUISHED BY: <u>[Signature]</u>	DATE: <u>3-27-97</u> TIME: <u>16:00</u>	RECEIVED BY: <u>[Signature]</u>	DATE: <u>3/28/97</u> TIME: <u>10:00</u>
		RELINQUISHED BY: <u>---</u>	DATE: <u>---</u> TIME: <u>---</u>	RECEIVED BY: <u>---</u>	DATE: <u>---</u> TIME: <u>---</u>
				RECEIVED FOR LABORATORY:	DATE: TIME:

(NOTE INSIDE CLEARANCE SAMPLES WITH AN ASTERISK *)

G&E ENGINEERING

ENVIRONMENTAL CONSULTANTS

P.O. Box 77510

Baton Rouge, LA. 70879-7510

Phone (504) 292-9007

Fax (504) 293-1748



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

LABORATORY SAMPLES SUBMITTED TO: E.H.S.
ENVIRONMENTAL HAZARDS SERVICES
RICHMOND VIRGINIA

SUBMITTED BY:

4915 SOUTH SHERWOOD FOREST BLVD
13070K ROUGE LA 70810

REPORT RESULTS TO:

Wendy Hally

TURNAROUND TIME
REQUESTED: 2nd Hrs

PROJECT NAME: G.M.

FLYOT. MICLISMA

PROJECT NO: 1180 / 47

10-4644

[illegible]

ENVIRONMENTAL HAZARDS SERVICES, INC

7469 White Pine Road

Richmond, Virginia 23237

Phone: (804) 275-4788 Fax: (804) 275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Conestoga-Rovers & Associates DATE OF RECEIPT: 04 MAR 1997
 11100 Metro Airport Center Drive DATE OF ANALYSIS: 04 MAR 1997
 Suite 160 DATE OF REPORT: 04 MAR 1997
 Romulus, MI 48174 AMENDED: 07 MAR 1997

EHS PROJECT #: 03-97-0194 PROJECT: 10-46-84

EHS SAMPLE#	CLIENT SAMPLE #/ LAB. GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01	026/ Off-White Fib.	60% Chrysotile 60% Total Asbestos	12% Cellulose 28% Non-Fibrous
02	027/ Off-White Fib.	8% Chrysotile 37% Amosite 45% Total Asbestos	12% Cellulose 43% Non-Fibrous
03	028/ Off-White Fib.	5% Chrysotile 40% Amosite 45% Total Asbestos	3% Cellulose 52% Non-Fibrous
04A	029(a)-Tile/ Brick Red Gran.	13% Chrysotile 13% Total Asbestos	87% Non-Fibrous
04B	029(b)-Mastic/ Black Adhes.	Trace, <1% Chrysotile <1% Total Asbestos	4% Cellulose 1% Fibrous Glass 2% Wollastonite 93% Non-Fibrous
05	030/ Off-White Fib.	10% Chrysotile 37% Amosite 47% Total Asbestos	13% Cellulose 40% Non-Fibrous
06	031/ Black Tar-Like	17% Chrysotile 17% Total Asbestos	5% Cellulose 78% Non-Fibrous
07	032/ Off-White Fib.	4% Chrysotile 35% Amosite 39% Total Asbestos	13% Cellulose 48% Non-Fibrous
08	033/ Tan/Beige Fib.	NAD	68% Cellulose 7% Hair 25% Non-Fibrous
09	034/ Off-White Fib.	20% Chrysotile 33% Amosite 53% Total Asbestos	3% Cellulose 44% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, INC

EHS PROJECT #: 03-97-0194 PROJECT: 10-46-84

10	035/ Off-White Fib.	3% Chrysotile 42% Amosite 45% Total Asbestos	7% Cellulose 48% Non-Fibrous
11	036/ Off-White Fib.	7% Chrysotile 43% Amosite 50% Total Asbestos	4% Cellulose 46% Non-Fibrous
12	037/ Black/Beige Tar-Like	16% Chrysotile 16% Total Asbestos	2% Cellulose 82% Non-Fibrous
13	038/ Off-White Fib.	3% Chrysotile 40% Amosite 43% Total Asbestos	2% Cellulose 15% Fibrous Glass 40% Non-Fibrous
14	039/ Tan/Beige Fib.	NAD	70% Cellulose 5% Hair 25% Non-Fibrous
15	040/ Off-White Fib.	13% Chrysotile 40% Amosite 53% Total Asbestos	6% Cellulose 41% Non-Fibrous
16	041/ Off-White Fib.	23% Chrysotile 25% Amosite 48% Total Asbestos	10% Cellulose 42% Non-Fibrous
17	042/ Off-White/Tan Brittle	10% Chrysotile 10% Total Asbestos	7% Cellulose 15% Fibrous Glass 68% Non-Fibrous
18	043/ Off-White Fib.	8% Chrysotile 38% Amosite 46% Total Asbestos	8% Cellulose 46% Non-Fibrous
19	044/ Off-White Fib.	8% Chrysotile 40% Amosite 48% Total Asbestos	7% Cellulose 45% Non-Fibrous
20	045/ Off-White Fib.	10% Chrysotile 43% Amosite 53% Total Asbestos	5% Cellulose 42% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, INC

EHS PROJECT #: 03-97-0194 PROJECT: 10-46-84

Method: Polarized Light Microscopy, EPA Method 600/R-93/116

Standards: The current OSHA Standard is one percent (1%) by weight.

Analyst: Mark Case

Reviewed by (*): 
L. Miller-Buie, Environmental Geologist
or Howard Varner, Laboratory Director

NVLAP ACCREDITATION #1882

NOTE: Results represent the analysis by Environmental Hazards Services, Inc., of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, Inc.

Environmental Hazards Services, Inc. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy ((TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

(*) All final reports have been reviewed and signed by one of the above listed approved signatories.

NAD = No Asbestos Detected

SCF = Suspected Ceramic Fibers

newrep.wps/06FEB1997/11D

- PAGE 03 of 03 - END OF REPORT -

G&E ENGINEERING
 ENVIRONMENTAL CONSULTANTS
 P.O. Box 77510
 Baton Rouge, LA 70879-7510
 Phone (504) 292-9007
 Fax (504) 293-1748



**ANALYSIS REQUEST AND
 CHAIN OF CUSTODY RECORD**

EHS 03-97-0194

PAGE **OF**

LABORATORY SAMPLES SUBMITTED TO: E.H.S.		SUBMITTED BY: G&E EHS (JUAN ZOVIC)		PROJECT NAME: J.M.		PROJECT NO.: 10-46-84	
ENVIRONMENTAL HAZARD SERVICES		TEST(S)		REMARKS			
RICHMOND VIRGINIA		(PCM, PLM, TEM, LEAD, TPH, PCBs, BTEX, ETC.)		20.4 1948			
REPORT RESULTS TO:		SAMPLE TYPE		TURNAROUND TIME		REQUESTED: 24 HRS	
MITCH BERGNER		(BULK AIR, WATER, SOIL, SLUDGE, ETC.)		DATE		PROJECT NO.: 10-46-84	
SAMPLE NO.	DATE	SAMPLE TYPE	TEST(S)	REMARKS	RECEIVED BY:	DATE:	INTACT:
026	3-1-97	Bulk	PLM	PLEASE FAX RESULTS TO:			
027	"	"	"	MR			
028	"	"	"	MITCH BERGNER			
029	"	"	"	FAX NO: (517) 624-2053			
030	"	"	"				
031	"	"	"				
032	"	"	"				
033	"	"	"				
034	"	"	"				
035	"	"	"				
RELINQUISHED BY: JUAN ZOVIC		RELINQUISHED BY: Juan		RECEIVED BY:		DATE: 3-1-97	INTACT:
RELINQUISHED BY:		RELINQUISHED BY:		RECEIVED BY:		DATE:	INTACT:
(NOTE INSIDE CLEARANCE SAMPLES WITH AN ASTERISK *)							
				RECEIVED FOR LABORATORY:		DATE: 3-2-97	TIME: 11:30

G&E 'INEERING

ENVIRONMENTAL CONSULTANTS

P.O. Box 77510

Baton Rouge, LA 70879-7510

Phone (504) 292-9007

Fax (504) 293-1748



ANALYSIS REQUEST
CHAIN OF CUSTODY RECORD

LABORATORY SAMPLES SUBMITTED TO: E.H.S.			SUBMITTED BY: G&E ENVIRONMENTAL CONSULTANTS		PAGE 1 OF 1	
ENVIRONMENTAL HAZARD SERVICES			PROJECT NAME: G.M.		PROJECT NO.: 10-46-84	
RICHMOND VILLAGE			TURNAROUND TIME REQUESTED: 24 HRS		REMARKS: P.O. # 1948	
REPORT RESULTS TO:	DATE	SAMPLE TYPE (BULK AIR, WATER, SOIL, SLUDGE, ETC.)	TEST(S) (PCM, CLM, TEM, LEAD, TPH, PCBs, BTEX, ETC.)	RECEIVED BY:	DATE: TIME:	INTACT:
MITCH BERGNER	3-1-97	Bulk	PLM	MR		
036	"	"	"	MITCH BERGNER		
037	"	"	"	Fax No: (517) 624-2053		
038	"	"	"			
039	"	"	"			
040	"	"	"			
041	"	"	"			
042	"	"	"			
043	"	"	"			
044	"	"	"			
045	"	"	"			
SAMPLER(S) JUAN ZUVIC		RELINQUISHED BY: JUAN ZUVIC	DATE: TIME:	RECEIVED BY:	DATE: TIME:	INTACT:
		RELINQUISHED BY:	DATE: TIME:	RECEIVED BY:	DATE: TIME:	INTACT:
(NOTE INSIDE CLEARANCE SAMPLES WITH AN ASTERISK *)			RECEIVED FOR LABORATORY:		DATE: TIME:	INTACT:

APPENDIX B

ACM FIELD SURVEY NOTES

CRA BUILDING ASBESTOS FIELD SURVEY FORM

Client: GM
 Building Name: MP Admin. Floor: Basement

Inspector: Mitchell Bergner, CIH
 Inspection Date: 2/27/97
 Project No.: 9564

Location	Surface	ACM Type S T M	ACC H M L N	Building Material	Func. Space #	Total Amount	UNITS Each LF SF NQ	% or Number Damaged	CONDITION			Sample #	ACM Yes No A	Comments
									I D SD	NPD PD PSD	F NF			
Record Room	Floor	S	M	VAT	6	920	SF	20%	D	PD	NF	012	20% CH 5% CH	Room 2
Opposite Records Room	Floor	S	M	VAT	6	815	SF	1	D	PD	NF		Y	See 012, Room 3
Conference Room	Floor	S	M	VAT	6	830	SF	1	D	PD	NF		Y	See 012, Room 4
Main Hallway	Floor	S	M	VAT	6	1,721	SF	1	D	PD	NF	013	5% CH 0	
Women's Room	Floor	S	M	VAT	6	144	SF	0	I	NPD	NF	014	25% CH 0	Same Floor as 012
Elevator 16	Ceiling	M	M	Tile	6	38	SF	10	D	PD	NF	015	0	
Elevator 16	Floor	S	M	VAT	6	30	SF	0	I	NPD	NF	016	2% 0	White VAT
Elevator 16	Floor	S	M	VAT	6	8	SF	0	I	NPD	NF	017	0 0	Black Border Vat
Closet Next to Elevator 16	Floor	S	M	VAT	6	48	SF	0	I	NPD	NF		Y	See 014
Ceiling of Break Room	Ceiling	M	H	CT	6	720	SF	0	I	NPD	NF	018	0	
East End Work Area	Floor	S	M	VAT	6	3,600	SF	5	D	PD	NF	019	15% CH 0	
Boiler Room	Tank Cover	T	L	Tank	6	200	SF	0	I	NPD	F	026	60% CH	8'L x 4'W Tank
Boiler Room	12" Pipe	T	L	Pipe	6	80	LF	0	I	NPD	F	027	8% CH 37% AM	+ 12 Elbows
Boiler Room	8" Pipe	T	L	Pipe	6	82	LF	0	I	NPD	F	028	5% CH 40% AM	+ 4 Elbows

Sep-17-99 01:23pm
 From-CONESTOGA-ROVERS & ASSOCIATES
 7733806421
 T-360 P.17/20 F-681

N = Not Accessible
 VT = Vinyl Floor Tile
 SF = Sheet Flooring
 CT = Ceiling Tile
 TR = Transite Like
 PL = Plaster
 GY = Gypsum/Wallboard

ST = Stucco
 MA = Mastic
 CL = Cloth/fabric
 SH = Shingles
 RF = Roofing felt
 FT = Fittings

PA = Paper
 GA = Gasket
 FI = Fireproofing (spray)

LF = Linear Feet
 SF = Square Feet
 NQ = Not Quantifiable
 I = Intact
 D = Damaged
 SD = Significantly Damaged

NPD = No Potential Damage
 PD = Potential for Damage
 PSD = Potential for Severe Damage
 F = Friable
 NF = Non-Friable

A = Assumed
 ND = Not Detected
 NS = Not Sampled
 CH = Chrysotile
 AM = Amosite
 CR = Crocidolite
 Page 1 of 1

SEP-17-99 01:23 PM FROM-CONESTOGA-ROVERS & ASSOCIATES 7733806421 T-360 P.18/20 F-681

Inspector: Mitchell Bergner, CIH
 Inspection Date: 2/27/97
 Project No.: 9564

[illegible]

S = Surfacing
T = Thermal
M = Miscellaneous
ACC = Accessibility
H = High
M = Medium
L = Low

N = Not Accessible
VT = Vinyl Floor Tile
SF = Sheet Flooring
CT = Ceiling Tile
TR = Transite Like
PL = Plaster
GY = Gypsum/Wallboard

ST = Stucco
MA = Mastic
CL = Cloth/fabric
SH = Shingles
RF = Roofing felt
FT = Fittings

PA = Paper
GA = Gasket
FI = Fireproofing (spray)

LF = Linear Feet
SF = Square Feet
NO = Not Quantifiable
I = Intact
D = Damaged
SD = Significantly Damaged

NPD = No Potential Damage
PD = Potential for Damage
PSD = Potential for Severe Damage
F = Friable
NF = Non-Friable

A = Assumed
ND = Not Detected
NS = Not Sampled
CH = Chrysotile
AM = Amosite
CR = Crocidolite
Page 2 of 1

Sen-17-00 01.23nm

Inspector: Mitchell Bergner, CIH
Inspection Date: 2/27/97
Project No.: 9564

[illegible]

S = Surfacing	<u>N = Not Accessible</u>	ST = Stucco	PA = Paper	LF = Linear Feet	NPD = No Potential Damage	A = Assumed
T = Thermal	VT = Vinyl Floor Tile	MA = Mastic	GA = Gasket	SF = Square Feet	PD = Potential for Damage	ND = Not Detected
<u>M = Miscellaneous</u>	SF = Sheet Flooring	CL = Cloth/fabric	FI = Fireproofing (spray)	<u>NQ = Not Quantifiable</u>	<u>PSD = Potential for Severe Damage</u>	NS = Not Sampled
ACC = Accessibility	CT = Ceiling Tile	SH = Shingles		I = Intact	F = Friable	CH = Chrysotile
H = High	TR = Transite Like	TR = Roofing felt		D = Damaged	<u>NF = Non-Friable</u>	AM = Amosite
M = Medium	PL = Plaster	FT = Fittings		<u>SD = Significantly Damaged</u>		CR = Crocidolite
L = Low	GY = Gypsum/Wallboard					Page 1 of 1

SEP-17-99 01:23 PM

Inspector: Mitchell Bergner, CIH
 Inspection Date: 2/28/97
 Project No.: 9564

S = Surfacing	<u>N = Not Accessible</u>	ST = Stucco	PA = Paper	LF = Linear Feet	NPD = No Potential Damage	A = Assumed
T = Thermal	VT = Vinyl Floor Tile	MA = Mastic	GA = Gasket	SF = Square Feet	PD = Potential for Damage	ND = Not Detected
<u>M = Miscellaneous</u>	SF = Sheet Flooring	CL = Cloth/Fabric	FI = Fireproofing (spray)	<u>NQ = Not Quantifiable</u>	<u>PSD = Potential for Severe Damage</u>	NS = Not Sampled
ACC = Accessibility	CT = Ceiling Tile	SH = Shingles		I = Intact	F = Friable	CH = Chrysotile
H = High	TR = Transite Like	RF = Roofing felt		D = Damaged	<u>NF = Non-Friable</u>	AM = Amosite
M = Medium	PL = Plaster	FT = Fittings		<u>SD = Significantly Damaged</u>		CR = Crocidolite
L = Low	GY= Gypsum/Wallboard					Page 1 of 1

APPENDIX B

PHASE II ACM SURVEY

PHASE II ACM SURVEY

**FORMER PEREGRINE COLDWATER ROAD FACILITY
COLDWATER ROAD, FLINT, MICHIGAN**

**APRIL 2000
REF. NO. 12636 (12)**

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION.....	1
1.1 DEFINITIONS	1
1.2 METHODOLOGY.....	4
2.0 FACILITY BACKGROUND.....	6
2.1 FUNCTIONAL SPACES.....	6
2.2 PREVIOUS ACM INVESTIGATIONS AND ABATEMENT PROGRAMS	6
3.0 SAMPLING PROCEDURES.....	7
3.1 SAMPLE COLLECTION, HANDLING AND PREPARATION	7
3.2 SAMPLE LABELING AND CONTROL	7
3.3 CHAIN-OF-CUSTODY RECORDS	8
3.4 SAMPLE ANALYSIS.....	8
4.0 ANALYTICAL RESULTS.....	9
4.1 OVERVIEW.....	9
4.2 EVALUATION OF RESULTS	9
5.0 SUMMARY.....	12
5.1 ACM QUANTITY ESTIMATE FOR GALBESTOS SIDING,.....	12
WINDOW CAULKING, AND ROOFING MATERIALS.....	12
5.2 MISCELLANEOUS MATERIALS	13
5.3 ADDITIONAL PIPE	14
5.4 ADDITIONAL ACM MATERIALS IDENTIFIED THAT HAVE ALREADY BEEN ABATED.....	14
6.0 RECOMMENDATIONS.....	15

LIST OF FIGURES

(Following Text)

FIGURE 2.1	SITE LOCATION
FIGURE 2.2	SITE PLAN
FIGURE 3.1	POTENTIAL ACM SAMPLE LOCATIONS IN BUILDING 63
FIGURE 3.2	POTENTIAL ACM SAMPLE LOCATIONS IN THE FIRST FLOOR OF THE MAIN MANUFACTURING BUILDING
FIGURE 3.3	POTENTIAL ACM SAMPLE LOCATIONS ON THE SECOND FLOOR OF THE MAIN MANUFACTURING BUILDING
FIGURE 3.4	POTENTIAL ACM SAMPLE LOCATIONS ON THE ROOF OF THE MAIN MANUFACTURING BUILDING
FIGURE 3.5	POTENTIAL ACM SAMPLE LOCATIONS IN THE POWERHOUSE

LIST OF TABLES

(Following Text)

TABLE 4.1	POTENTIAL ACM SAMPLE SUMMARY
TABLE 4.2	SUMMARY OF CONFIRMED ACM SAMPLE RESULTS
TABLE 5.1	SUMMARY OF CONFIRMED ACM QUANTITIES
TABLE 5.2	SUMMARY OF ADDITIONAL QUANTITIES OF ACM PIPING

LIST OF APPENDICES

APPENDIX A	LABORATORY ANALYTICAL REPORTS
------------	-------------------------------

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) was retained by General Motors Corporation (GM) to conduct a comprehensive Phase II Asbestos Containing Material (ACM) survey at the Former Peregrine Inc. (Peregrine) Flint Plant (Site) (formerly GM Coldwater Rd. Delphi I Plant). The original ACM survey (CRA, 1997) was conducted while the plant was being operated by Peregrine and portions of the site could not be accessed. During the Phase II ACM removal, additional ACM was identified prompting the need for this Phase II ACM survey.

This survey characterized and quantified the following suspect ACM present on-site:

- The galbestos siding;
- asbestos-containing roofing materials; and
- and asbestos-containing window caulking.

Additionally, samples of suspect miscellaneous ACM inaccessible during the February-March 1997 sampling period were collected.

This report provides summaries of the following information:

- Sample locations, and analytical results for potential ACM; and
- A quantity estimate of all confirmed ACM.

1.1 DEFINITIONS

For the purposes of this Limited ACM Survey Report (Report) the following definitions apply:

Accessible - when referring to ACM means that the material is subject to disturbance by building occupants or custodial or maintenance personnel in the course of their normal activities.

Asbestos - the asbestiform varieties of serpentinite (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite, anthophyllite, and actinolite-tremolite.

Asbestos-containing material (ACM) - any material or product that contains more than 1percent (>1%) asbestos.

Asbestos-containing building material (ACBM) - surfacing ACM, thermal system insulation ACM, or miscellaneous ACM that is found in or on interior structural members or other parts of the building.

Category I non-friable ACM - asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products.

Category II non-friable ACM - any material excluding Category I non-friable ACM.

Damaged friable miscellaneous ACM - friable miscellaneous ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such that its bond to the substrate (adhesion) is inadequate or for which any other reason lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM.

Damaged friable surfacing ACM - friable surfacing material which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such that its bond to the substrate (adhesion) is inadequate or for which any other reason lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM.

Damaged or significantly damaged thermal system insulation ACM - thermal system insulation ACM on pipes, boilers, tanks, ducts, and other thermal system insulation equipment where the insulation has lost its structural integrity, or its covering, in whole or in part, is crushed, water-stained, gouged, punctured, missing, or not intact such that it is not able to contain fibers. Damage may be further illustrated by occasional punctures, gouges or other signs of physical injury to ACM; occasional water damage on the protective coverings/jackets; or exposed ACM ends or joints.

Encapsulation - an airtight, impermeable, permanent barrier around ACBM to prevent the release of asbestos fibers into the air.

Exposed - when referring to ACM means that the material is subject to disturbance by building occupants or custodial or maintenance personnel in the course of their normal activities and does not require demolition activities to access.

Friable - when referring to asbestos means material, that when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously non-friable material after such previously non-friable material becomes damaged to the extent that when dry it may be crumbled, pulverized, or reduced to powder by hand pressure.

Functional Space - a room, group of rooms, or homogeneous area (including crawl spaces or the space between a dropped ceiling and the floor or roof deck above), designated by a person accredited to prepare management plans, design abatement projects, or conduct response actions.

Homogeneous area - an area of surfacing material, thermal system insulation material or miscellaneous that is uniform in color and texture.

Miscellaneous ACM - means asbestos building materials that is on structural components, structural members or fixtures, such as floor or ceiling tiles, and does not include surfacing material or thermal system insulation.

Non-friable - when referring to asbestos means material, that when dry, may not be crumbled, pulverized, or reduced to powder by hand pressure.

Potential damage - circumstances in which: friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities; there are indications that there is a reasonable likelihood that the material or its covering will become damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.

Potential significant damage - circumstances in which: friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities; there are indications that there is a reasonable likelihood that the material or its covering will become significantly damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage; the material is subject to major or continuing disturbance, due to factors including, but not limited to, accessibility or, under certain circumstances, vibration or air erosion.

Regulated ACM (RACM) - friable asbestos material; Category I non-friable ACM that has become friable; Category I non-friable ACM that will be subjected to sanding, grinding, cutting, or abrading; or Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

Significantly damaged friable miscellaneous ACM - damaged friable miscellaneous ACM where the damage is extensive and severe.

Significantly damaged friable surfacing ACM - damaged friable surfacing ACM in a functional space where the damage is extensive and severe.

Surfacing ACM - asbestos material that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

Thermal system insulation ACM - asbestos material that is applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior structural components to prevent heat loss or gain, water condensation, or for other purposes.

1.2 METHODOLOGY

The survey and associated sampling activities were conducted in accordance with the protocols established by the United States Environmental Protection Agency (USEPA) Asbestos Hazard Emergency Response Act (AHERA) Standard, Title 40 Code of Federal Regulations (CFR) Part 763. The following field tasks were conducted as part of the survey:

- Reviewed previous surveys and documentation of previous abatement activities;
- Reviewed all available plant utility drawings (mechanical, water, steam, electrical;
- Identified potential ACM;
- Sampled potential ACM to determine asbestos content;
- Determined friability of ACM;
- Assessed condition (i.e. degree of damage of ACM);
- Estimated quantities of ACM; and
- Determined removal activities that would be required prior to demolition.

CRA retained an AHERA accredited building inspector from BDN to collect any additional suspect ACM in areas that were inaccessible during the February-March 1997 sampling period.

2.0 FACILITY BACKGROUND

The Site is located at 1245 Coldwater Road in Flint, Michigan as shown in Figure 2.1. The focus areas of the ACM Survey were the Main Manufacturing Building, the Powerhouse, and Building 63.

All operations at the facility have been shut down and preparations are being made to demolish the facility.

2.1 FUNCTIONAL SPACES

The manufacturing building is a two-story building with approximately 1.75 million square feet (s.f.) of floor space. The building includes a two-story office area in the front (south) section of the building that is not included as part of the survey.

The powerhouse is a two-story structure with approximately 33,000 s.f. of floor space. The powerhouse is a separate building located in the northeast section of the facility.

The storage building (Building 63) is a single-story frame structure with approximately 69,000 s.f. of floor space. Building 63 is a separate building located directly east of the main manufacturing building.

The layout of the Site is presented on Figure 2.2.

2.2 PREVIOUS ACM INVESTIGATIONS AND ABATEMENT PROGRAMS

CRA produced a Summary ACM Survey Report (April 1997). The purpose of the Summary ACM Survey Report was to identify and inventory all exposed and accessible ACM at the Site. The survey was conducted as part of the sales agreement between GM and Peregrine, Inc.

3.0 SAMPLING PROCEDURES

3.1 SAMPLE COLLECTION, HANDLING AND PREPARATION

The sampling data from the Summary ACM Survey Report was accepted and no samples of the galbestos siding or the window caulking were collected from any of the buildings. Previous sampling data from the Summary ACM Survey Report identified all siding and window caulking as ACM. Previous sampling data also identified the roofing materials on Building 63 as ACM and the roofing materials on the powerhouse as non ACM.

A total of four (4) bulk samples of roofing materials were collected from the main manufacturing building in order to determine the specific locations and quantities of ACM. The samples were collected and details regarding friability, color, size, surface location, and material purpose (e.g., insulation, fire barrier, or mastic) were noted.

A total of 125 additional suspect ACM samples were collected in the previously inaccessible areas of the main plant, Building 63, the powerhouse, the adhesive room, the main substation, and the cooling towers.

When bulk sampling miscellaneous materials, which are not assumed to be ACM, samples were collected in a manner sufficient to determine whether the material is or is not ACM.

Where possible, a 1-inch square of material was collected to the maximum depth possible. Once collected, samples were immediately placed in sample bags, sealed and labeled. Each sample was labeled specifying the sample location, date, sampler's name and request for analysis. This information was also recorded on the field sample data sheets. After each sample was collected, the sample location was repaired with high temperature caulk and/or duct tape.

3.2 SAMPLE LABELING AND CONTROL

A unique sample numbering system was used to identify each sample that was collected. This system provided a tracking number to allow for the retrieval and cross-referencing of sample information. The sample number system used is described as follows:

Example: A-12636-020400-ML-001

A-12636 - designates suspect material from CRA Job Number 12636
020400 - designates the calendar date (month/day/year) the sample was collected
ML - designates the sampler's initials
001 - designates sample number

Samples were delivered to EMSL Laboratories (EMSL) in Ann Arbor, Michigan, under chain-of-custody control, as described in Section 3.3.

3.3 CHAIN-OF-CUSTODY RECORDS

Chain-of-custody (COC) records were used to track the arrival of all samples to the laboratory. The chain-of-custody record accompanied the sample shipment to the laboratory and was signed by the receiving laboratory's sample custodian. COCs are included with the analytical data presented in Appendix A.

3.4 SAMPLE ANALYSIS

Identification and quantification of asbestos material in bulk samples was performed by EMSL in accordance with the U.S. EPA's "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", 40 CFR Part 763, Subpart F, Appendix A, 1987, using polarized light microscopy. Laboratory analytical reports are presented in Appendix A.

4.0 ANALYTICAL RESULTS

4.1 OVERVIEW

Asbestos results are reported as a percentage of asbestos-form and non-asbestos-form material. The categories are further subdivided as follows:

Asbestos-form material	- chrysotile
	- crocidolite
	- amosite
	- tremolite
Non-asbestos-form material	- cellulose
	- fibrous glass
	- hair
	- other fibers

4.2 EVALUATION OF RESULTS

Table 4.1 summarizes the sample identification, location, material type, and percent asbestos for each for each sample taken. Samples were divided into layers at the laboratory if it was determined that the material contained distinct, separate layers (i.e., floor tile and mastic). The summary of confirmed ACM sample results are presented in Table 4.2.

Based on analytical data, the following samples and associated materials are ACM:

- Three (3) out of the four (4) samples (ML-001-ML-004) collected on the roof were found to contain asbestos at concentrations greater than 1 percent. Therefore, the roof and all flashing on the main manufacturing building (Building 44) will be considered as a Category I non-friable ACM.
- Sample ID number 69, representing all pipe insulation behind cinder blocks on the second floor, was found to be 10% Chrysotile. The pipe insulation is friable and therefore considered to be a regulated asbestos containing material (RACM).
- The sample ID numbers 84, 100, and 102, representing boilers 2, 3, and 4 in the powerhouse, all contained 15% Chrysotile. The boilers contain friable ACM and are therefore considered RACM.

- Sample ID number 109 was taken to represent the materials on the cooling tower of the Building 44 roof. This sample contained 20% Chrysotile and 3% Amosite and this material is considered to be a Category I non-friable ACM.
- Both Sample ID numbers 112 and 113, representing the lead cables found in the main substations, contained 4% Chrysotile. This material is considered to be friable and therefore a RACM.
- Sample ID number 114 represented caulking from inner office walls and contained 20% Chrysotile. This material is considered to be friable and therefore a RACM.
- Sample ID numbers 35, 37-38, 4, and 71 represented the floor tiles in offices in the main manufacturing building, and contained 5-7% Chrysotile. This material is considered to be a Category I non-friable ACM.
- Sample ID numbers 39, 72, 81 and 82 represented window caulking in the main manufacturing building, and contained 5% Chrysotile. The window caulking was in poor condition and is therefore considered to be friable and a RACM.
- The Sample ID numbers 64 and 73 represented the paper layer of the fire doors in the main manufacturing building and contained 45-70% Chrysotile. This material is considered to be friable and a RACM.
- Sample ID number 49 contained 50% Chrysotile and represented all elevator gasket doors in the main manufacturing building. This material is considered to be a Category I non-friable ACM.
- Sample ID numbers 43-45, represented the gaskets on all ovens in laboratory and dip tank area of the main manufacturing building, and contained Chrysotile in amounts ranging from 70-80%. This material is considered to be a Category I non-friable ACM.
- Sample ID numbers 52, 52B, 54, 56,57, and 59 representing the piping found in building 63 all contained 2-60% Chrysotile. The pipe insulation is friable and is considered to be a RACM.

- Sample ID numbers 126-134 represented the exposed area of the cable wraps and were found to contain chrysotile in the range of 2-7%. This material is considered to be friable and a RACM.

5.0 SUMMARY

5.1 ACM QUANTITY ESTIMATE FOR GALBESTOS SIDING, WINDOW CAULKING, AND ROOFING MATERIALS

Based on the significant number of positive analytical results in the Summary ACM Survey Report (CRA, 1997), all siding was assumed to be Galbestos. For the purposes of quantification the galbestos siding was estimated in-place. The ripple effect, the overlap of each panel, and the actual size of each panel were not factored into the quantity measurements. The following quantities of galbestos siding were identified on-Site during this survey:

- 285,000 s.f. of galbestos siding.

To contain the ACM, the Galbestos siding was encapsulated during 1998 and 1999.

Based on the significant number of positive analytical results in the Summary ACM Survey Report (CRA, 1997) and the impracticality of sampling all material, all window caulking was assumed to contain asbestos. For the purposes of quantification window caulking was estimated using the actual size of the windows. The following quantities of exterior window caulking and interior caulking were identified on-Site during this survey:

- 225,000 s.f. of window caulking.

During this Phase II Survey, CRA could only take a limited number of samples because of the amount of snow on the roof. The analytical results indicate that approximately 75% of the roof contain ACM. For this survey, CRA will assume that all roofing materials on the main manufacturing building including the flashing are ACM. The roofing materials on Building 63 were also confirmed to be ACM. The roofing materials on the powerhouse were confirmed to be non ACM during the 1997 Summary ACM Survey. The following quantities of asbestos-containing roofing materials were identified on-Site during this survey:

- 1,298,916 s.f. of roofing materials.

Quantities of ACM for each functional space are summarized in Table 5.1

5.2 MISCELLANEOUS MATERIALS

Quantity estimates are provided for the following asbestos containing miscellaneous materials found in the various buildings on-site:

Main manufacturing Building

- *Fire Doors*-There are ninety four fire doors in the main manufacturing building which contain an asbestos paper layer surrounded by a wood and an outer metal sheeting. The ninety four fire doors represent an approximate area of 1600 s.f.
- *Elevator Gaskets*-There are twenty four elevator gaskets in the main manufacturing building which contain asbestos. The approximate area of each elevator gasket is , and the approximate area of all elevator gaskets is 200 s.f.
- *Hoods for Lab*-There are thirteen lab hoods on the second floor of the main manufacturing building that contain asbestos, representing an approximate area of 530 s.f.
- *Gaskets on all Ovens*-There are fourteen gaskets in the lab and dip tank area of the main manufacturing building representing an approximate area of 20 s.f.

Powerhouse

- *Lab Table*-The surface of one lab table in the powerhouse contains asbestos representing an approximate area of 18 s.f.

Adhesive Building

- *Pipe jackets*-The asbestos containing pipe jackets in the adhesive building represent an approximate area 1600 s.f.

Main Substation, Roof Substations, Cable Vaults, Powerhouse Substation

- *Cables*- All exposed cables in the substations have an outer paint coating which contains asbestos. The exposed cables are a category 2 non-friable ACM but have a high probability of becoming friable due to years of weather degradation. Therefore, the exposed cables are also considered to be a RACM. Approximately 7,170 linear feet of exposed RACM cable exists at the site.

There is approximately 52,000 linear feet of inaccessible underground cable that could not be fully evaluated for ACMs. The underground cable should be evaluated for ACM content either before or after demolition when all cables have been completely de-energized.

5.3 ADDITIONAL PIPE

During the aggressive investigation activities involving sampling of miscellaneous suspect ACM, additional asbestos containing piping was found by destruction of the cinder block walls and radiator heaters. This piping was sampled for asbestos and was identified as an ACM. It is estimated that 8820 linear feet of the 2- to 12- inch OD pipe was within cinder block and required partial wall demolition for removal. A summary of the additional pipe found is provided in Table 5.2.

5.4 ADDITIONAL ACM MATERIALS IDENTIFIED THAT HAVE ALREADY BEEN ABATED

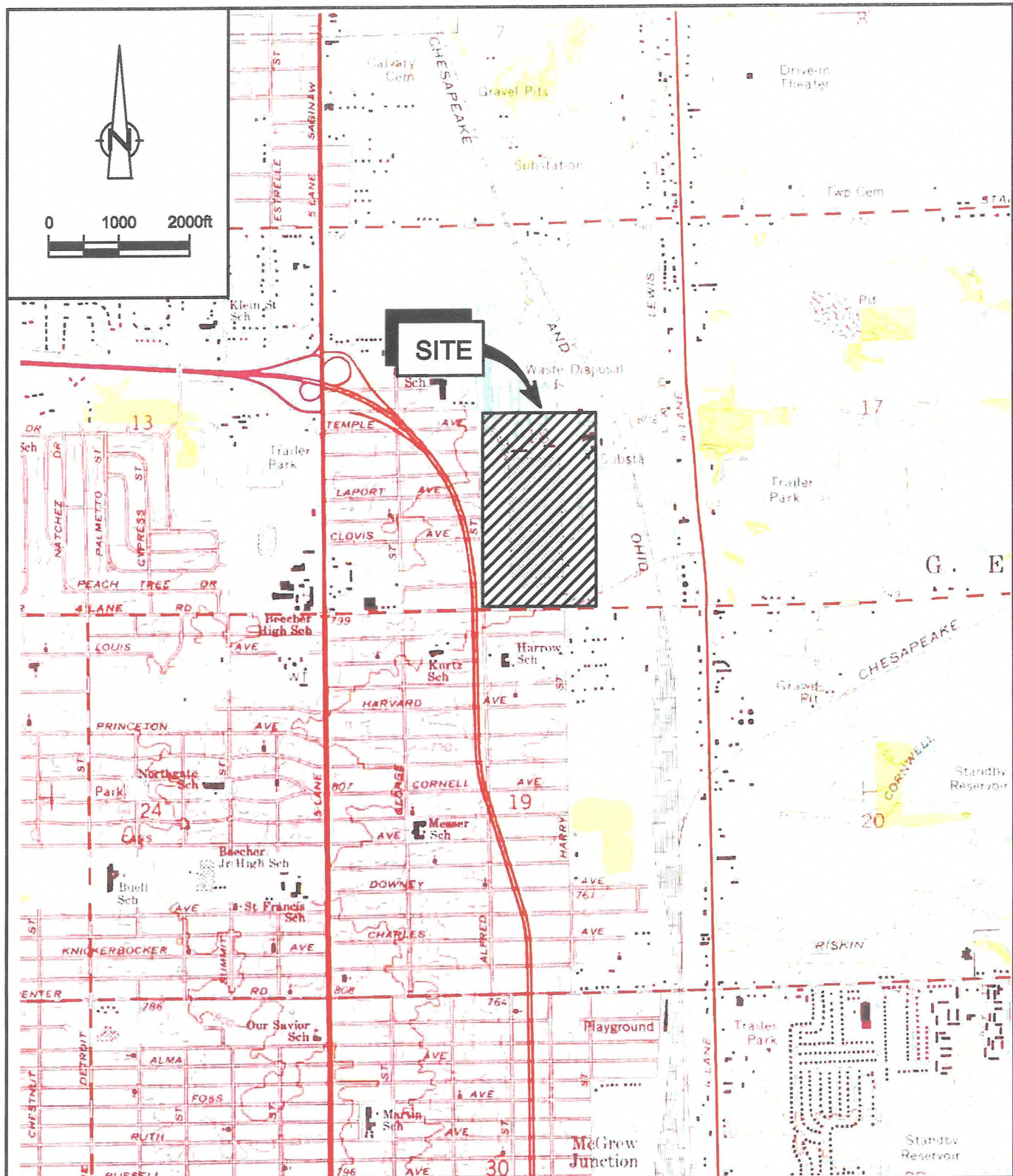
To conduct work in an efficient manner asbestos workers were instructed to remove all ACM in their designated area of work. Therefore, if abatement work was being conducted in areas where the ACM identified in this report was located, those materials were also removed. The following ACM materials identified in this report have been removed:

- All asbestos-containing piping located behind cinder block;
- All ACM on the boilers in the Powerhouse;
- The floor tiles in the offices in the main manufacturing building; and
- All asbestos containing piping in Building 63.

6.0 RECOMMENDATIONS

For demolition/renovation operations, the Federal EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations state that the owner of a facility must comply with the following procedures; remove all RACM from a facility being demolished or renovated before any activity begins that would break up, dislodge, or similarly disturb the material or preclude access to the material for subsequent removal.

RACM need not be removed before renovation if: it is Category I non-friable ACM that is not in poor condition and is not friable; it is on a facility component that is encased in concrete or other similarly hard material and is adequately wet whenever exposed during renovation; it was not accessible for testing and was, therefore, not discovered until after renovation began and, as a result of the renovation, the material cannot be safely removed; or it is Category II non-friable ACM and the probability is low that the materials will become crumbled, pulverized or reduced to powder during renovation activities.



SOURCE: USGS QUADRANGLE MAP;
FLINT NORTH, MICHIGAN



CRA

figure 2.1

SITE LOCATION
FORMER PEREGRINE COLDWATER ROAD FACILITY
Coldwater Road, Flint, Michigan

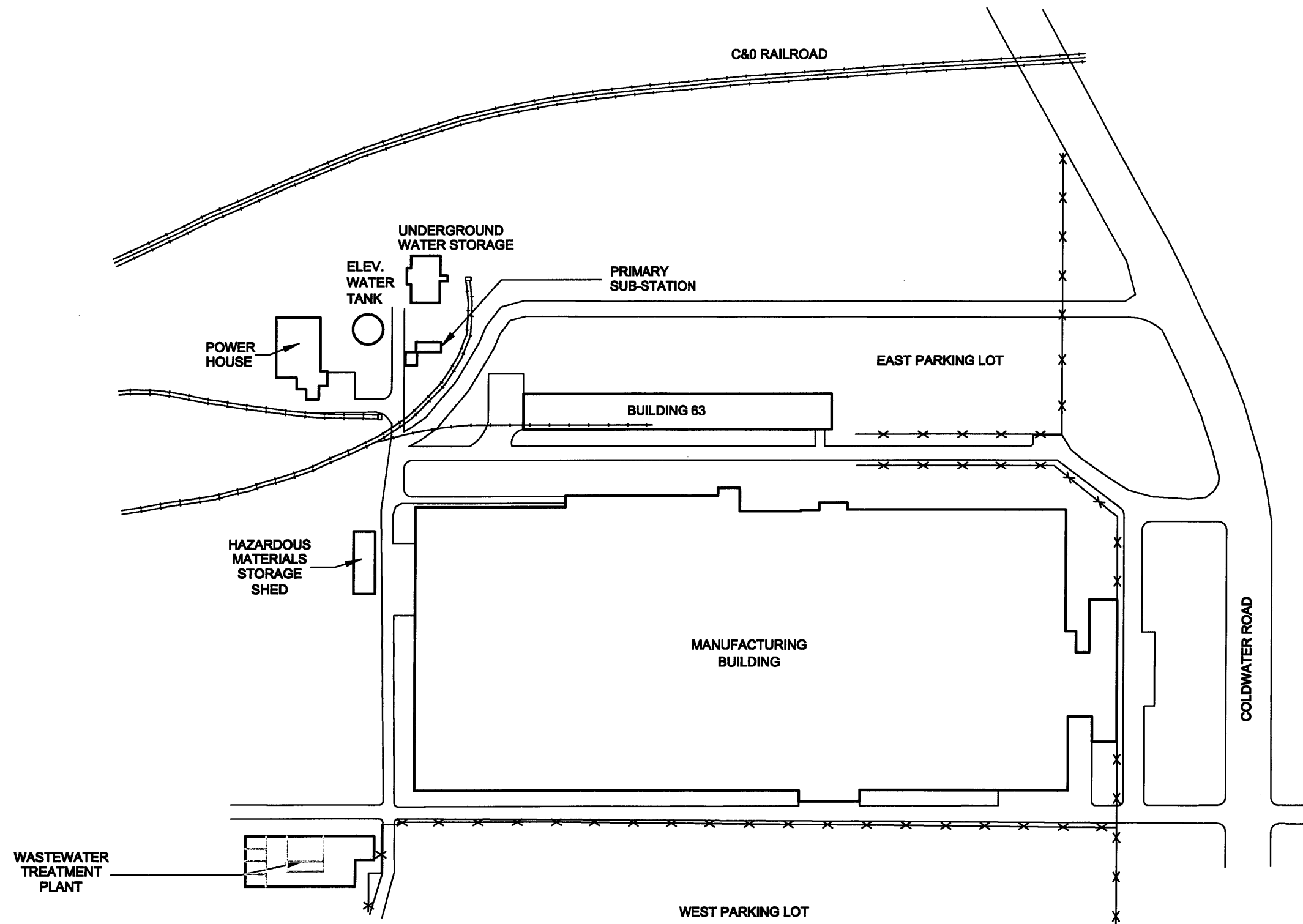
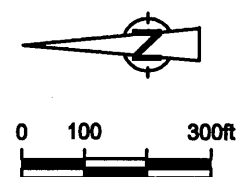
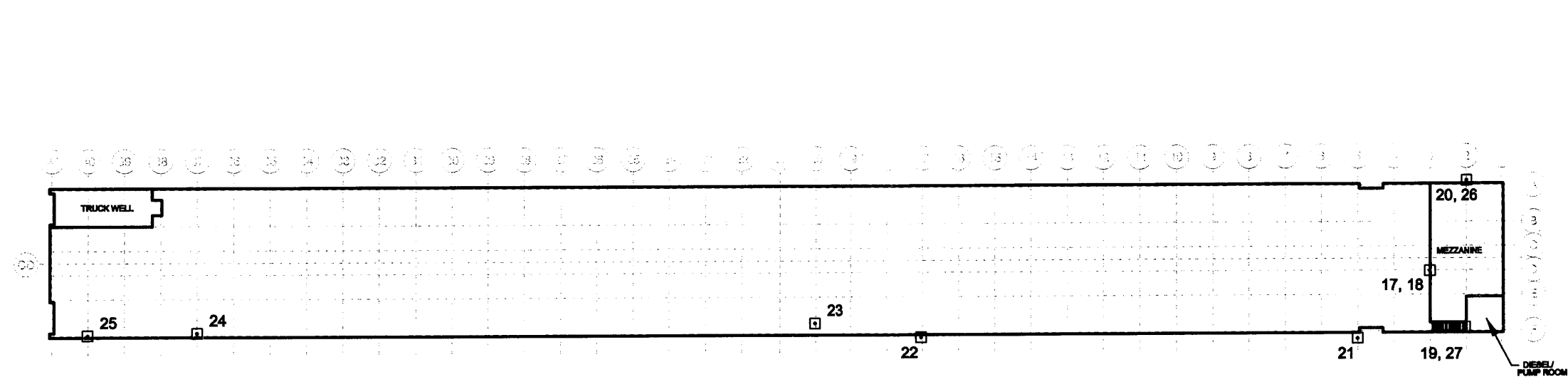
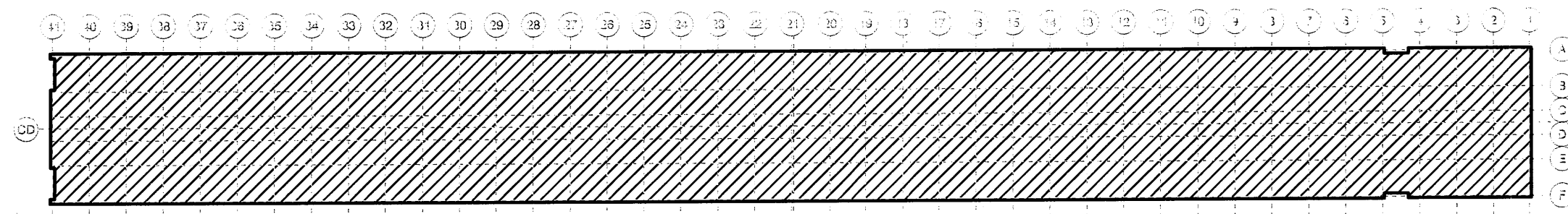


figure 2.2
SITE PLAN
FORMER PEREGRINE COLDWATER ROAD FACILITY
Coldwater Road, Flint, Michigan



MAIN FLOOR PLAN



ROOF PLAN

LEGEND

-  ASBESTOS CONTAINING ROOF FELT
-  ASBESTOS SAMPLING LOCATION

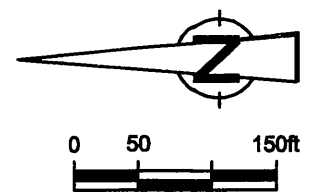
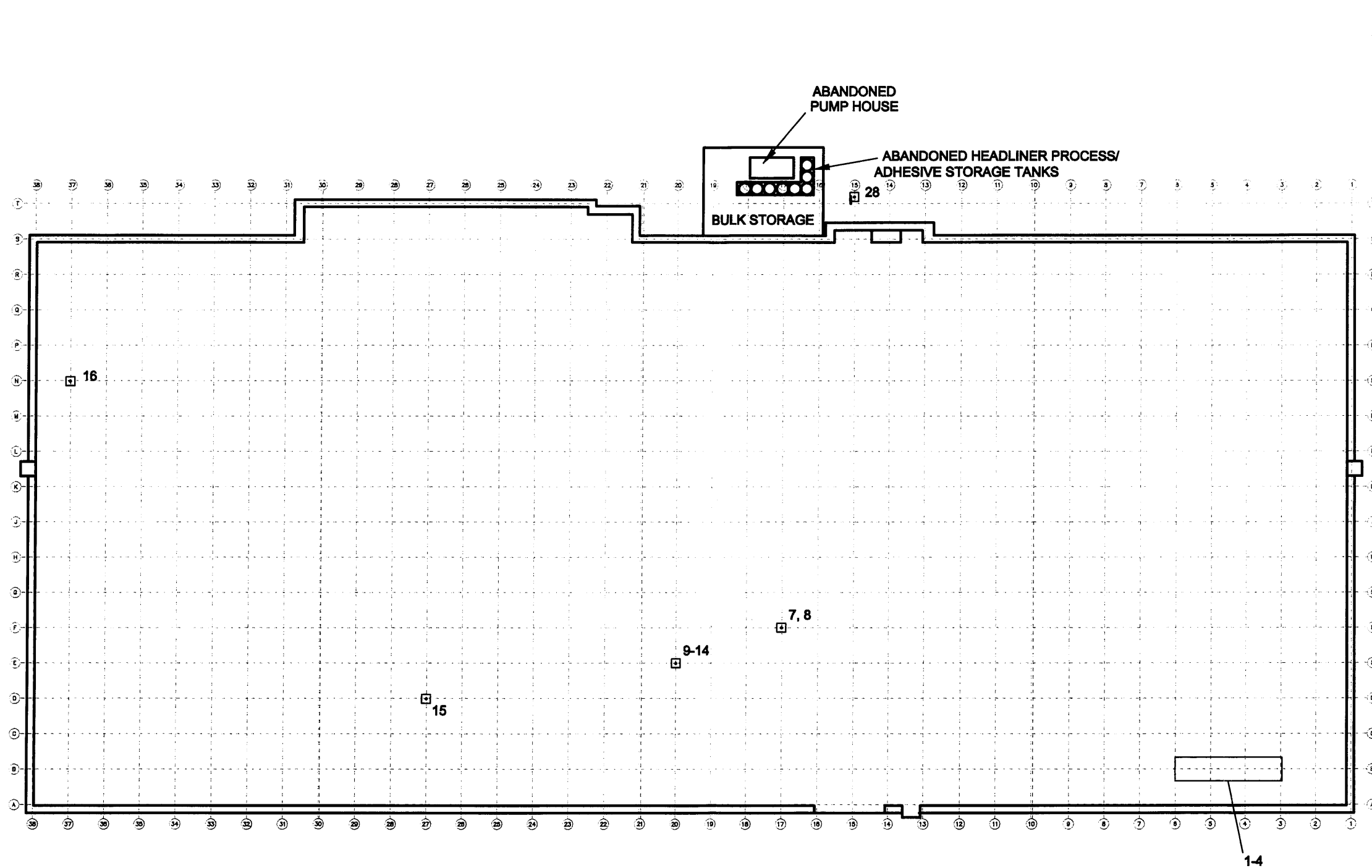


figure 3.1
ACM SAMPLE LOCATIONS - BUILDING 63
DECEMBER 1999 - MARCH 2000
FORMER PEREGRINE COLDWATER ROAD FACILITY
Coldwater Road, Flint, Michigan

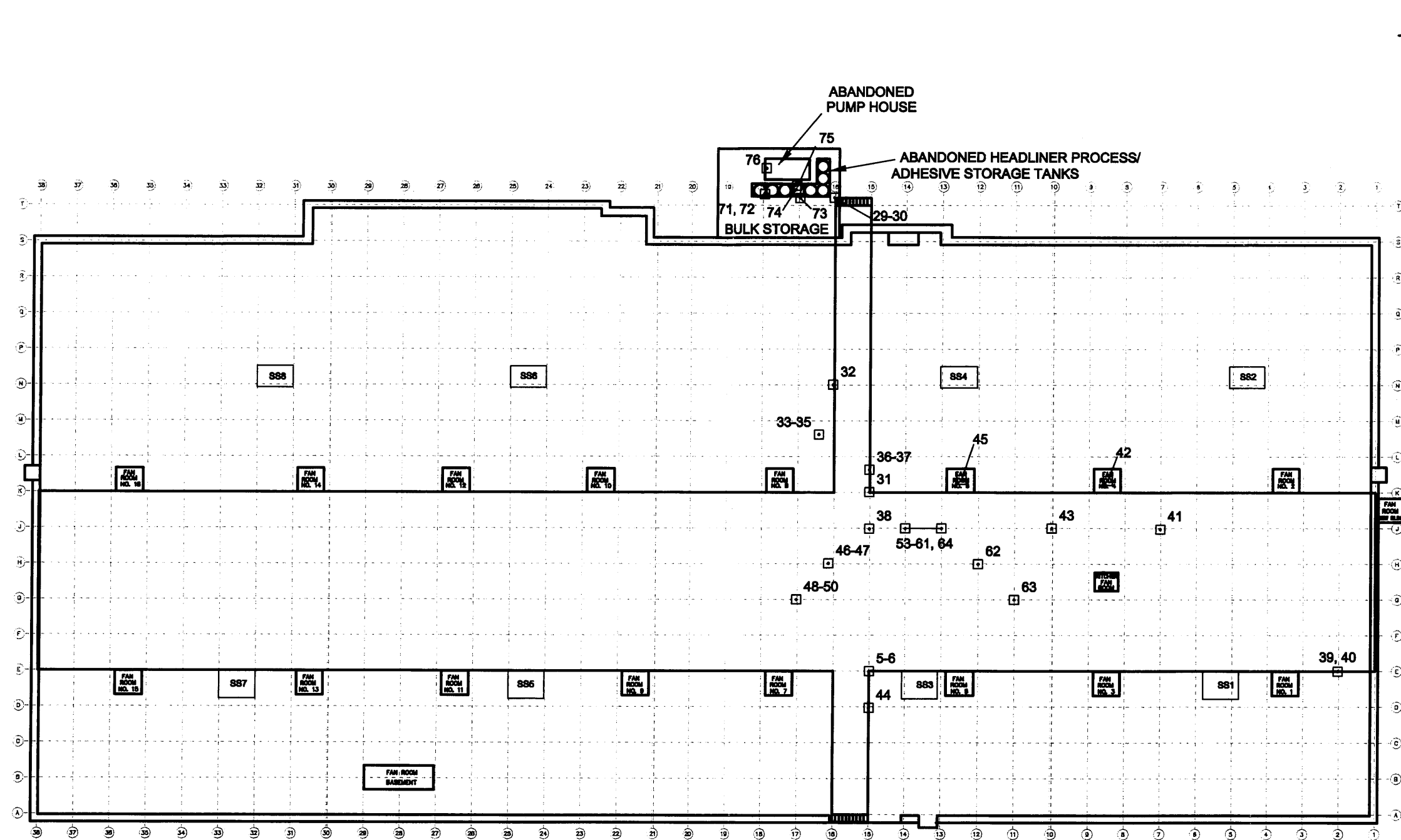


LEGEND

□ 28 ASBESTOS SAMPLING LOCATION

figure 3.2

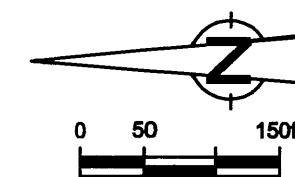
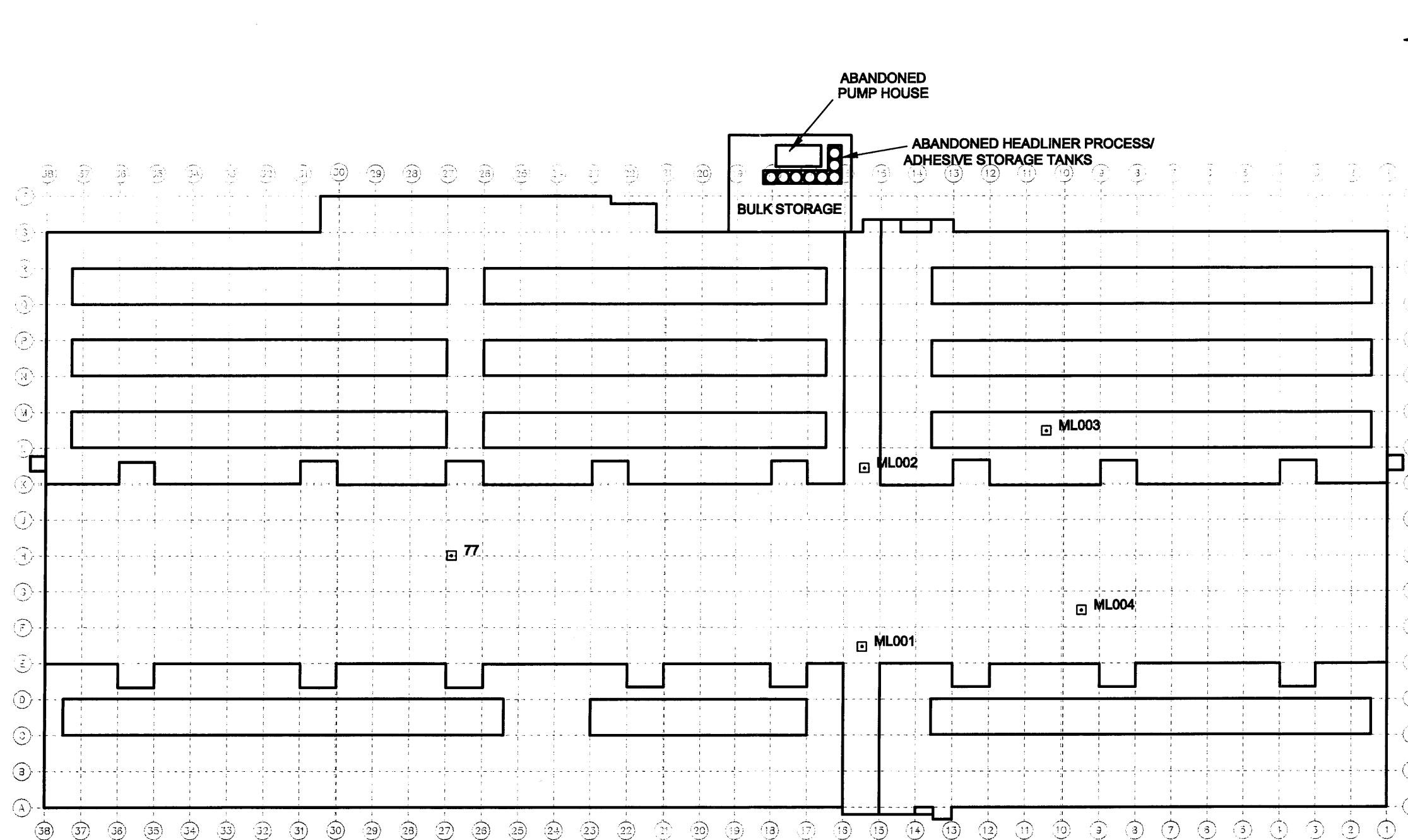
ACM SAMPLE LOCATIONS - MANUFACTURING BUILDING 1ST FLOOR
DECEMBER 1999 - MARCH 2000
FORMER PEREGRINE COLDWATER ROAD FACILITY
Coldwater Road, Flint, Michigan



LEGEND

- 99 ASBESTOS SAMPLING LOCATION
- SS7 SUBSTATION

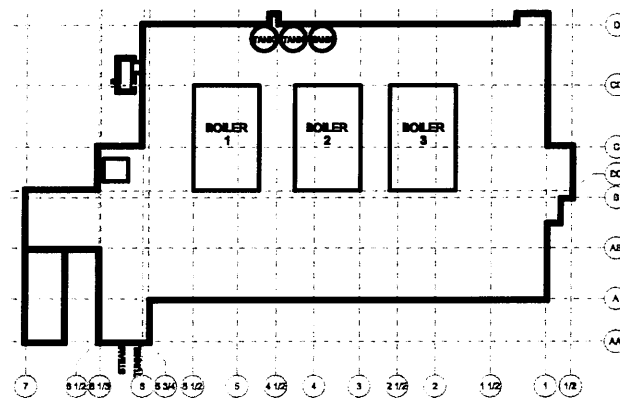
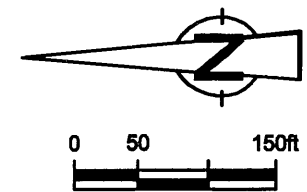
figure 3.3
 ACM SAMPLE LOCATIONS - MANUFACTURING BUILDING 2ND FLOOR
 DECEMBER 1999 - MARCH 2000
 FORMER PEREGRINE COLDWATER ROAD FACILITY
 Coldwater Road, Flint, Michigan



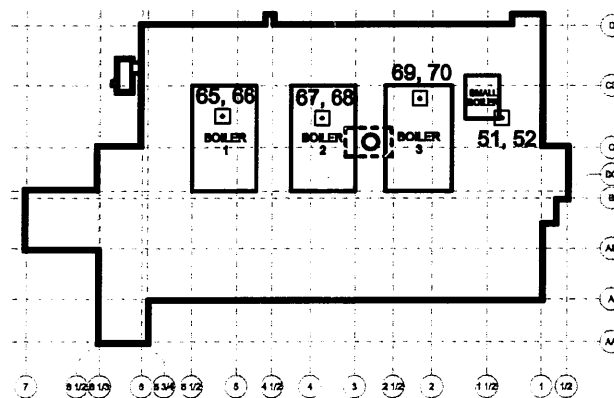
LEGEND

□ ML001 ASBESTOS SAMPLING LOCATION

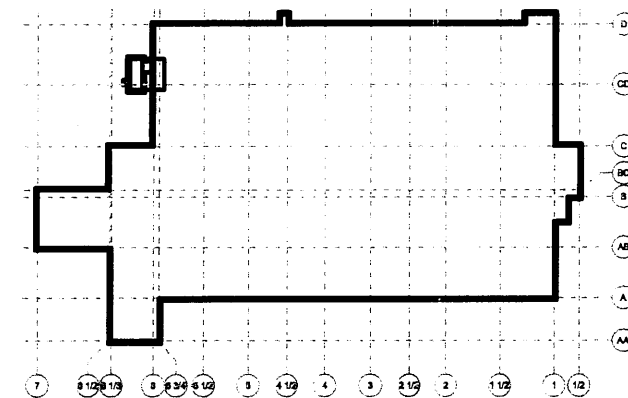
figure 3.4
ACM SAMPLE LOCATIONS - MANUFACTURING BUILDING ROOF
DECEMBER 1999 - MARCH 2000
FORMER PEREGRINE COLDWATER ROAD FACILITY
Coldwater Road, Flint, Michigan



BASEMENT PLAN



FIRST AND SECOND FLOOR PLAN



ROOF PLAN

LEGEND

65, 66
 ASBESTOS SAMPLING LOCATION

figure 3.5
 ACM SAMPLE LOCATIONS - POWER HOUSE
 DECEMBER 1999 - MARCH 2000
 FORMER PEREGRINE COLDWATER ROAD FACILITY
 Coldwater Road, Flint, Michigan

TABLE 4.1

**POTENTIAL ACM SAMPLE SUMMARY FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN**

*Asbestos
Sampling*

<i>Location</i>	<i>Sample ID ⁽¹⁾</i>	<i>Location</i>	<i>Column</i>	<i>Surface</i>	<i>Material</i>	<i>Chrysotile</i>	<i>Amosite</i>	<i>Transite</i>	<i>Total Asbestos</i>
<u>Main Plant</u>									
ML001	ML-001	northwest Roof	F-16	floor	roofing materials				ND
ML002	ML-002	northeast Roof	L-16	floor	roofing materials	20%			20%
ML003	ML-003	southeast Roof	M-11	floor	roofing materials	25%			25%
ML004	ML-004	southwest Roof	G-10	floor	roofing materials	35%			35%
1	34	office (main floor)	B3-6	floor	tile 12x12	<1%			<1%
2	35	office (main floor)	B3-6	floor	tile 12x12	5%(red tile)			5%
3	36	office (main floor)	B3-6	floor	tile 12x12	<1% (grey tile)			<1%
4	37	office (main floor)	B3-6	floor	tile 12x12	5%(tile)			5%
5	38	office (main floor)	E-15	floor	tile 9x9	7% (tile)			7%
6	39	office (main floor)	E-15	window	caulking	5%			5%
7	40	office (main floor)	F-17	floor	tile 12x12				ND
8	41	office (main floor)	F-17	floor	tile 9x9 grey	7% (tile)			7%
9	42	dip tank area (main floor)	E-20	Ajax Tank #2	cement lid				ND
10	43	dip tank area (main floor)	E-20	Ajax Tank #3	cement lid	70%			70%
11	44	dip tank area (main floor)	E-20	Unit 9 Lindberg	gasket	70%			70%
12	45	dip tank area (main floor)	E-20	Unit 9 Lindberg	gasket	80%			80%
13	46	dip tank area (main floor)	E-20	Unit 9 Lindberg	brick cover				ND
14	47	dip tank area (main floor)	E-20	Unit 9 Lindberg	insulation				ND
15	48	office (main floor)	D-27	floor	tile 12x12				ND
16	49	elevator (main floor)	N-37	door	gasket	60%			60%
28	60	main floor	T-15	vertical column	corrugated material				ND
29	61	2nd floor	S-16	ceiling	skin coat of ceiling material				ND
30	62	2nd floor	S-16	ceiling	skin coat of ceiling material				ND
31	63	2nd floor	K-15	vertical column	cinderblock cardboard				ND
32	64	2nd floor	N-16	blue door	metal wrapped around wood-paper	70%			70%
33	65	2nd floor, union work center	L-M16	floor	floor tiles				ND
34	66	2nd floor, union work center	L-M16	floor	floor tiles				ND
35	67	2nd floor, union work center	L-M16	floor	floor tiles				ND
36	68	2nd floor	L-15	ceiling	insulating board adhesive				ND
37	69	2nd floor East Hallway	L-15	pipe insulation	pipe insulation behind cinder block	10%	45%		55%
38	70	2nd floor East Hallway	J-15	ceiling	paper layer on fiberglass tiles 1x1				ND
39	71	2nd floor green frame office	E-2	floor	tile 9x9	10%(tile)			10%

TABLE 4.1

**POTENTIAL ACM SAMPLE SUMMARY FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN**

*Asbestos**Sampling*

<i>Location</i>	<i>Sample ID ^(a)</i>	<i>Location</i>	<i>Column</i>	<i>Surface</i>	<i>Material</i>	<i>Chrysotile</i>	<i>Amosite</i>	<i>Transite</i>	<i>Total Asbestos</i>
<u>Main Plant (cont'd)</u>									
40	72	2nd floor green frame office	E-2	window	caulking	5%			5%
41	73	2nd floor	J-7	door	fire door surface	45%			45%
42	74	2nd floor fan room #4	L-8	gasket	gasket				ND
43	75	2nd floor	J-10	inner wall	metal sound insulation				ND
44	76	2nd floor	D-15	ceiling	metal tile 1x1				ND
45	77	2nd floor fan room #6	L-13	gasket	gasket				ND
46	78	2nd floor Woman's rest room	H-16	floor	tile 9x9	7% (tile)			7%
47	79	2nd floor Woman's rest room	H-16	ceiling	tile 1x1				ND
48	80	Pinkerton Security room	G-17	floor	yellow orange tile	10 % (tile)			10%
49	81	2nd floor green wall	G-17	wall	window caulking	5%			5%
50	82	2nd floor green wall	G-17	wall	divider caulking	5%			5%
53	85	2nd floor	J-14	wall	cork wall insulation				ND
54	86	2nd floor	J-14	Lindberg Brick Oven	brick				ND
55	87	2nd floor	J-14	Lindberg Oven	hotplate				ND
56	88	2nd floor	J-14	blue machine	gasket	70%			70%
57	89	2nd floor	J-14	wall	inner wall of hood in Lab	25%			25%
58	90	2nd floor	J-14	wall	outerwall of hood in Lab	25%			25%
59	91	2nd floor	J-14	lab table	Lab table top				ND
60	92	2nd floor	J-14	wall	back wall of hood in lab	30%			30%
61	93	2nd floor	J-14	wall	outside walls of lab				ND
62	94	2nd floor	H-12	floor tile	tile in lab and cafeteria				ND
63	95	2nd floor	G-11	floor tile	tile in lab and cafeteria	10%			10%
64	96	2nd floor	J-14	wall	outer walls				ND
82	114	first floor		wall	inner office walls	20%	3%		23%
<u>Building 63</u>									
17	50		D-3	pipe elbow	pipe insulation	60%	7%		67%
18	51		D-3	pipe run	pipe insulation	2% (brown) 45% (black)			47%
19	52	womens bathroom	F-2	ceiling	board material				ND
20	52B		A-2	pipe	pipe insulation	10%	20%		30%
<u>Building 63 (cont'd)</u>									
21	53		F-5	ceiling	milborn material	40% (black)			40%

TABLE 4.1

**POTENTIAL ACM SAMPLE SUMMARY FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN**

*Asbestos
Sampling*

<i>Location</i>	<i>Sample ID ^(a)</i>	<i>Location</i>	<i>Column</i>	<i>Surface</i>	<i>Material</i>	<i>Chrysotile</i>	<i>Amosite</i>	<i>Transite</i>	<i>Total Asbestos</i>
22	54	north of F-20 office	F-17	pipe run	pipe insulation	45%			45%
23	55		F-20	floor	tile (two layers)				ND
24	56		F-37	pipe run	pipe insulation	40% (black)			40%
25	57		F-40	pipe run	fill cap insulator	10%			10%
26	58		A-2	vertical column	cardboard layer (between cement and steel high beam)				ND
27	59	diesel pump room	F-2	pipe run	pipe insulation	65%(grey) 10% (netting)			75%
<u>Powerhouse</u>									
51	83		C-1 ¹ / ₂	boiler #4	cement top				ND
52	84		C-1 ¹ / ₂	boiler #4	bottom insulation		15%		15%
65	97		CD-2	boiler #1	boiler top				ND
66	98		CD-2	boiler #1	insulation layer of boiler #1				ND
67	99		C-4	boiler #2	boiler top		<1%		<1%
68	100		C-4	boiler #2	boiler insulation		15%		15%
69	101		C-5	boiler #3	top brick layer				ND
70	102		C-5	boiler #3	insulation layer of boiler #3		15%		15%
83	115			roof	red brick mortar				ND
84	116			roof	yellow brick mortar				ND
85	117			roof	yellow brick				ND
86	118			roof	red brick				ND
87	119			roof	cement inside metal breech				ND
88	120	north side		roof	flat part of roof				ND
89	121			roof	flashing bottom layer				ND
90	122	north side		roof	drain roofing with tar	4%			4%
91	123	roof catwalk		pipe	white insulation	3%	20%		23%
92	124			roof	caulk from breech	10%			10%
93	125	roof catwalk		pipe	outer layer pipe insulation	45%			45%

TABLE 4.1

**POTENTIAL ACM SAMPLE SUMMARY FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN**

<i>Asbestos Sampling</i>									
<i>Location</i>	<i>Sample ID ⁽¹⁾</i>	<i>Location</i>	<i>Column</i>	<i>Surface</i>	<i>Material</i>	<i>Chrysotile</i>	<i>Amosite</i>	<i>Transite</i>	<i>Total Asbestos</i>
<u>Adhesive Room</u>									
71	103		T-19	# 8 elbow	outer elbow layer				ND
72	104		T-19	# 8 elbow	inner layer of elbow				ND
73	105		T-17	tank # 5	outer layer				ND
74	106		T-17	tank # 5	inner layer				ND
75	107		T-17	tank # 5	mud from tank				ND
76	108		T-18	overhead piping	pipe jacket	75%			75%
<u>Miscellaneous</u>									
	109	cooling tower	H-27	cooling tower	roofing materials on cooling tower	20%		3%	23%
	110	main substation		cable vault	internal layer				ND
	111	main substation		cable vault	brown layer inside cables				ND
	112	main substation		cable vault	outside wrap of lead cables	4%			4%
	113	main substation		cable vault	white layer of lead cables	4%			4%
	126	substation 4		cable wrap	painted wrap	2%			
	127	substation 2		cable wrap	painted wrap	3%			
	128	substation 5		cable wrap	painted wrap	3%			
	129	main substation		cable wrap	painted wrap	3%			
	130	main substation		cable wrap	painted wrap	5%			
	131	main substation		cable wrap	painted wrap	3%			
	132	main substation		cable wrap	painted wrap	4%			
	133	main substation		cable wrap	painted wrap	6%			
	134	main substation		cable wrap	painted wrap	7%			

Notes:

(1) The last two digits of the full sample identification are provided in this column.

TABLE 4.2

SUMMARY OF CONFIRMED ACM SAMPLE RESULTS
FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN

Sample ID	Building/Location		Material	Percent Asbestos				Total Asbestos
				Chrysotile	Amosite	Tremolite	Crocidolite	
A-12636-020400-ML-002	Main Manufacturing Facility	Northeast Roof	Roofing Materials	20				20
A-12636-020400-ML-003	Main Manufacturing Facility	Southeast Roof	Roofing Materials	25				25
A-12636-020400-ML-004	Main Manufacturing Facility	Southwest Roof	Roofing Materials	35				35
S-12636-011900-BDN-35	Main Manufacturing Facility	Office Located at B3-6	Floor Tile	5				5
S-12636-011900-BDN-37	Main Manufacturing Facility	Office Located at B3-6	Floor Tile	5				5
S-12636-011900-BDN-38	Main Manufacturing Facility	Office Located at B3-6	Floor Tile	7				7
S-12636-011900-BDN-39	Main Manufacturing Facility	Window	Caulking	5				5
S-12636-011900-BDN-41	Main Manufacturing Facility	Office Located at F-17	Floor Tile	5				5
S-12636-011900-BDN-43	Main Manufacturing Facility	Ajax Tank #3	Cement Lid	70				70
S-12636-011900-BDN-44	Main Manufacturing Facility	Unit # 9 Lindberg	Cement Lid	70				70
S-12636-011900-BDN-45	Main Manufacturing Facility	Unit # 9 Lindberg	Cement Lid	80				80
S-12636-011900-BDN-49	Main Manufacturing Facility	elevator at N-37	Gasket	60				60
S-12636-011900-BDN-64	Main Manufacturing Facility	Blue Fire Door at N-16	wood paper	70				70
S-12636-011900-BDN-69	Main Manufacturing Facility	pipng behind cinder block at L-15	Pipe Insulation	10	45			55
S-12636-011900-BDN-71	Main Manufacturing Facility	Floor Tile at E-2	Pipe Insulation	10				10

TABLE 4.2

SUMMARY OF CONFIRMED ACM SAMPLE RESULTS
FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN

Sample ID	Building/Location		Material	Percent Asbestos				Total Asbestos
				Chrysotile	Amosite	Tremolite	Crocidolite	
S-12636-011900-BDN-72	Main Manufacturing Facility	Window	Caulking	5				5
S-12636-011900-BDN-73	Main Manufacturing Facility	Fire Door at J-7	Fire Door Surface	45				45
S-12636-011900-BDN-78	Main Manufacturing Facility	Floor at G-17	Floor Tile	7				7
S-12636-011900-BDN-80	Main Manufacturing Facility	Floor at G-17	Floor Tile	10				10
S-12636-011900-BDN-81	Main Manufacturing Facility	Wall at G-17	Floor Tile	5				5
S-12636-011900-BDN-82	Main Manufacturing Facility	Wall at G-17	Floor Tile	5				5
12636-012500-BDN-88	Main Manufacturing Facility	Blue Machine	Gasket	70				70
12636-012500-BDN-89	Main Manufacturing Facility	Wall	Inner Wall of Hood in Lab	25				70
12636-012500-BDN-90	Main Manufacturing Facility	Wall	OuterWall of Hood in Lab	25				70
12636-012500-BDN-92	Main Manufacturing Facility	Wall	Back Wall of Hood in Lab	30				70
12636-012500-BDN-95	Main Manufacturing Facility	Laboratory and Cafeteria Floor	Floor Tile	10				70
12636-011900-BDN-114	Main Manufacturing Facility	Wall	Inner Office Walls	20	3			23
S-12636-011900-BDN-50	Building 63	Pipe	Pipe Insulation	60	7	7		67
S-12636-011900-BDN-51	Building 63	Pipe	Pipe Insulation	47				47
S-12636-011900-BDN-52B	Building 63	Pipe	Pipe Insulation	10	20			30

TABLE 4.2

SUMMARY OF CONFIRMED ACM SAMPLE RESULTS
FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN

Sample ID	Building/Location		Material	Percent Asbestos				Total Asbestos
				Chrysotile	Amosite	Tremolite	Crocidolite	
S-12636-011900-BDN-53	Building 63	Ceiling	Board Material	40				40
S-12636-011900-BDN-54	Building 63	Pipe	Pipe Insulation	45				45
S-12636-011900-BDN-56	Building 63	Pipe	Pipe Insulation	40				40
S-12636-011900-BDN-57	Building 63	Pipe	Pipe Insulation	10				10
S-12636-011900-BDN-59	Building 63	Pipe	Pipe Insulation	75				75
12636-012500-BDN-84	Adhesive Room	Boiler #4	Bottom Insulation	15				15
12636-012500-BDN-100	Adhesive Room	Boiler #2	Boiler Insulation	15				15
12636-012500-BDN-102	Adhesive Room	Boiler #3	Boiler Insulation	15				15
12636-012500-BDN-108	Adhesive Room	Overhead Piping	Pipe Jacket	75				75
12636-012500-BDN-109	Cooling Tower	Roof	Roofing Materials	20	3			23
12636-012500-BDN-112	Main Substation	Cable Vault	Outside Wrap	4				4
12636-012500-BDN-113	Main Substation	Cable Vault	White Layer	4				4
12636-030800-BDN-122	Powerhouse	North Side		4				4
12636-030800-BDN-123	Powerhouse	Roof Catwalk		20	3			23
12636-030800-BDN-124	Powerhouse	Roof		10				10

TABLE 4.2

SUMMARY OF CONFIRMED ACM SAMPLE RESULTS
FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN

Sample ID	Building/Location		Material	Percent Asbestos				Total Asbestos
				Chrysotile	Amosite	Tremolite	Crocidolite	
12636-03080-BDN-125	Powerhouse	Roof Catwalk		45				45
12636-032100-BDN-126	Substation 4	Roof	Cable Wrap	2				
12636-032100-BDN-127	Substation 2	Roof	Cable Wrap	3				
12636-032100-BDN-128	Substation 5	Roof	Cable Wrap	3				
12636-032100-BDN-129	Substation 1	Roof	Cable Wrap	3				
12636-032100-BDN-130	Main Substation	Cable Vault	Cable Wrap	5				
12636-032100-BDN-131	Main Substation	Cable Vault	Cable Wrap	3				
12636-032100-BDN-132	Main Substation	Cable Vault	Cable Wrap	4				
12636-032100-BDN-133	Main Substation	Cable Vault	Cable Wrap	6				
12636-032100-BDN-134	Main Substation	Cable Vault	Cable Wrap	7				

TABLE 5.1

SUMMARY OF CONFIRMED ACM QUANTITIES
FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN

<u>Description</u>	<u>Quantity</u>
<u>Galbestos Siding</u>	
Main Manufacturing Building	275,000 s.f.
Building 63	10,000 s.f.
<u>Roofing Materials</u>	
Main Manufacturing Building	1,225,916 s.f.
Cooling Tower (2nd story roof)	3,000 s.f.
Building 63	70,000 s.f.
<u>Window Caulking</u>	
Main Manufacturing Building	200,020 s.f.
Powerhouse	7,750 s.f.
Building 63	16,750 s.f.
Master Substation	480 s.f.
<u>Miscellaneous Materials</u>	
Main Manufacturing Building	
Fire Doors	4,700 s.f.
Door Gaskets	2,400 s.f.
Hoods for Lab	750 s.f.
Gaskets on all Ovens	60 s.f.
Caulking throughout Offices	2,500 s.f.
Powerhouse	
Lab Table	18 s.f.
Adhesive Building	
Pipe jackets	1,600 s.f.

TABLE 5.2

SUMMARY OF UNEXPECTED PIPE BEHIND CINDER BLOCK
FORMER PEREGRINE COLDWATER ROAD FACILITY
FLINT, MICHIGAN

<i>Size of Pipe</i>	<i>Building</i>	<i>Location</i>	<i>Amount of Pipe (feet)</i>
2 inch white	Main Manufacturing Facility	L.R. Halls Regist. Miscellaneous	4,600
2 inch white	Main Manufacturing Facility	Above laboratory and cafeteria	1,600
		Total 2 inch pipe:	<u>6,200</u>
4 inch white	Main Manufacturing Facility	Fan Room 12	20
4 inch white	Main Manufacturing Facility	3 rd floor catwalk	120
		Total 4 inch pipe:	<u>140</u>
8 inch white	Main Manufacturing Facility	3 rd floor catwalk	80
12 inch white	Main Manufacturing Facility	Fan Room 12	140
12 inch white	Main Manufacturing Facility	Above laboratory and cafeteria	2200
12 inch white	Main Manufacturing Facility	Fan Room 10	60
		Total 8-12 inch pipe:	<u>2480</u>
		Total all pipe:	<u>8820</u>

APPENDIX A

LABORATORY ANALYTICAL REPORTS

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Wednesday, February 09, 2000

Ref Number: MI00384

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636-2, Delphi- Coldwater

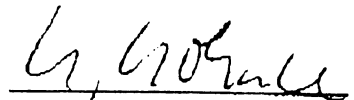
Sample	Location	Appearance	Sample Treatment	<u>ASBESTOS</u>		<u>NON-ASBESTOS</u>	
				%	Type	%	Fibrous % Non-Fibrous
A-12636-020400-ML-003-A	Tan layer	Tan Fibrous Heterogeneous	Teased/Crushed	None Detected		40% Cellulose < 1% Glass	40% Perlite 20% Other
A-12636-020400-ML-003-B	1st black layer	Black Fibrous Heterogeneous	Teased/Dissolved	None Detected		20% Synthetic < 1% Cellulose	80% Other
A-12636-020400-ML-003-C	2nd black layer	Black Fibrous Heterogeneous	Teased/Dissolved	None Detected		35% Cellulose	65% Other
A-12636-020400-ML-003-D	3rd black layer	Black Fibrous Heterogeneous	Teased/Dissolved	25% Chrysotile		10% Cellulose	65% Other
A-12636-020400-ML-004-A	Tan layer	Tan Fibrous Heterogeneous	Teased/Crushed	None Detected		40% Cellulose < 1% Glass	40% Perlite 20% Other
A-12636-020400-ML-004-B	1st black layer	Black Fibrous Heterogeneous	Teased/Dissolved	None Detected		20% Synthetic 2% Cellulose	78% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.



Jong-Sim Park
Analyst



Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan, 11100 Metro Airport Center Drive, Romulus, MI 48174

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Wednesday, February 09, 2000

Ref Number: MI00384

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

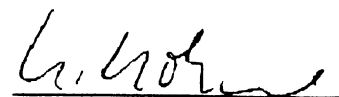
Project: 12636-2, Delphi- Coldwater

Sample	Location	Appearance	Sample Treatment	<u>ASBESTOS</u>		<u>NON-ASBESTOS</u>	
				%	Type	%	Non-Fibrous
A-12636-020400-ML-004-C	2nd black layer	Black Fibrous Heterogeneous	Teased/Dissolved	35%	Chrysotile	5% Cellulose	60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.


Jong-Sim Park
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL on the basis of NVLAP and Bolk #464646-1.

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810

Fax: (734) 668-8532

Calculated 120

12636
SOW: 26

EMSL

Attn: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900-BDN-34-T	Tile	Red Non-Fibrous Heterogeneous	Dissolved	< 1%	Chrysotile	3% Cellulose	90% Other
S-1236-011900-BDN-34-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	7% Cellulose	93% Other
S-1236-011900-BDN-35-T1	Red Tile	Red Non-Fibrous Heterogeneous	Dissolved	5%	Chrysotile	4% Cellulose	91% Other
S-1236-011900-BDN-35-T2	Grey Tile	Grey Non-Fibrous Heterogeneous	Dissolved	< 1%	Chrysotile	3% Cellulose	90% Other
S-1236-011900-BDN-35-M1	Black Mastic (On Red Tile)	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	5% Cellulose	95% Other
S-1236-011900-BDN-35-M2	Black Mastic (On Grey Tile)	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	7% Cellulose	93% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

JPak

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. EMSL Analytical is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP No. 010648-1)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900-BDN-36-T	Tile	Red Non-Fibrous Heterogeneous	Dissolved	None Detected		2% Cellulose	98% Other
S-1236-011900-BDN-36-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved	None Detected		5% Cellulose	95% Other
S-1236-011900-BDN-37-T	Tile	Red Non-Fibrous Heterogeneous	Dissolved	5% Chrysotile		3% Cellulose	92% Other
S-1236-011900-BDN-37-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved	None Detected		7% Cellulose	93% Other
S-1236-011900-BDN-38-T	Tile	Red Non-Fibrous Heterogeneous	Dissolved	7% Chrysotile		3% Cellulose	90% Other
S-1236-011900-BDN-38-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved	None Detected		5% Cellulose	95% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

J. P. ...

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to seek product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan by ELAP Air and Bulk #101040

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900-BDN-39		Yellow/Green Non-Fibrous Heterogeneous	Crushed/Dissolved	5%	Chrysotile	4% Cellulose	91% Other
S-1236-011900-BDN-40-T	Tile	Red Non-Fibrous Heterogeneous	Dissolved		None Detected	3% Cellulose	97% Other
S-1236-011900-BDN-40-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	7% Cellulose	93% Other
S-1236-011900-BDN-41-T	Tile	Grey/Various Non-Fibrous Heterogeneous	Dissolved	7%	Chrysotile	3% Cellulose	90% Other
S-1236-011900-BDN-41-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	7% Cellulose	93% Other
S-1236-011900-BDN-42		Grey/Various Non-Fibrous Heterogeneous	Crushed		None Detected	4% Cellulose	96% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

*A. Antonelli*A. Antonelli
Analyst*J. Packer*Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by EMSL or any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan, 11100 Metro Airport Center Drive, Suite 160, Romulus, MI 48174.



Ref Number: MI00191

Project: 12636, Former Delphi Plant Flint MI

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900-BDN-48-M	Mastic	Yellow Non-Fibrous Heterogeneous	Dissolved	None Detected		7% Cellulose	93% Other
S-1236-011900-BDN-49		Black/White/Blue Fibrous Heterogeneous	Ashed/Teased	60%	Chrysotile	35% Cellulose	5% Other
S-1236-011900-BDN-50		Gray/White/Blue Non-Fibrous Heterogeneous	Ashed/Teased	60%	Chrysotile 7% Amosite	20% Cellulose	13% Other
S-1236-011900-BDN-51-A	Brown material	Brown/Grey Fibrous Heterogeneous	Ashed/Teased	2%	Chrysotile	85% Cellulose	13% Other
S-1236-011900-BDN-51-B	Black material	Black/Brown Fibrous Heterogeneous	Ashed/Teased	45%	Chrysotile	50% Cellulose	5% Other
S-1236-011900-BDN-52		Grey/Brown Fibrous Heterogeneous	Ashed/Teased	None Detected		85% Cellulose	15% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

C. P. [Signature]

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. EMSL is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL at 11100 Metro Airport Center Drive, Romulus, MI 48174.

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS	NON-ASBESTOS	
				% Type	% Fibrous	% Non-Fibrous
S-1236-011900-BDN-52B		Grey/Blue Fibrous Heterogeneous	Ashed/Teased	10% Chrysotile 20% Amosite	5% Cellulose	65% Other
S-1236-011900-BDN-53-A	Grey layer	Grey/White Fibrous Heterogeneous	Ashed/Teased	None Detected	75% Cellulose	25% Other
S-1236-011900-BDN-53-B	Black/brown material	Black/Brown Fibrous Heterogeneous	Ashed/Teased	40% Chrysotile	50% Cellulose	10% Other
S-1236-011900-BDN-54		Brown/Grey/Black Fibrous Heterogeneous	Ashed/Teased	45% Chrysotile	50% Cellulose	5% Other
S-1236-011900-BDN-55-T1	Orange Tile	Red/Orange Non-Fibrous Heterogeneous	Dissolved	None Detected	4% Cellulose	96% Other
S-1236-011900-BDN-55-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved	None Detected	10% Cellulose	90% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

J. Paul

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to request product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900-BDN-55-T2	Grey Tile	Grey Non-Fibrous Heterogeneous	Dissolved		None Detected	2% Cellulose	96% Other
S-1236-011900-BDN-56-A	Grey material	Grey/White Fibrous Heterogeneous	Ashed		None Detected	75% Cellulose	25% Other
S-1236-011900-BDN-56-B	Black/brown material	Black/Brown Fibrous Heterogeneous	Ashed/Teased	40% Chrysotile		55% Cellulose	5% Other
S-1236-011900-BDN-57		Black/Brown/Blue Non-Fibrous Heterogeneous	Ashed/Teased	10% Chrysotile		85% Cellulose	5% Other
S-1236-011900-BDN-58		Black/Brown/Blue Non-Fibrous Heterogeneous	Ashed/Teased		None Detected	90% Cellulose	10% Other
S-1236-011900-BDN-59-A	Grey material	Grey/White Fibrous Heterogeneous	Ashed/Teased	65% Chrysotile		25% Cellulose	10% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

J. Decker

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by EMSL, or any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP No. 045648-1)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Filnt MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900- BDN-59-B	Netting	Brown/Tan Fibrous Heterogeneous	Ashed/Teased	10%	Chrysotile	85% Cellulose	5% Other
S-1236-011900- BDN-60		Black/Brown Fibrous Heterogeneous	Ashed/Teased		None Detected	80% Cellulose	20% Other
S-1236-011900- BDN-61		Grey/Various Non-Fibrous Heterogeneous	Crushed		None Detected	3% Cellulose	97% Other
S-1236-011900- BDN-62-A	White material	White Non-Fibrous Heterogeneous.	Crushed/Dissolved		None Detected	3% Cellulose	97% Other
S-1236-011900- BDN-62-B	Grey material	Grey/Various Non-Fibrous Heterogeneous	Crushed		None Detected	2% Cellulose	98% Other
S-1236-011900- BDN-63		Black/Brown Fibrous Heterogeneous	Ashed/Teased		None Detected	87% Cellulose	13% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

T. Parker

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan, Inc. on 1/24/00 and 1/25/00.

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS	NON-ASBESTOS	
				% Type	% Fibrous	% Non-Fibrous
S-1236-011900-BDN-64		White/Grey Fibrous Heterogeneous	Ashed/Teased	70% Chrysotile	25% Cellulose	5% Other
S-1236-011900-BDN-65-T	Tile	Red/Orange/White Non-Fibrous Heterogeneous	Dissolved	None Detected	3% Cellulose	97% Other
S-1236-011900-BDN-65-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved	None Detected	7% Cellulose	93% Other
S-1236-011900-BDN-66-T	Tile	Grey/Beige Non-Fibrous Heterogeneous	Dissolved	None Detected	2% Cellulose	98% Other
S-1236-011900-BDN-66-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved	None Detected	10% Cellulose	90% Other
S-1236-011900-BDN-67-T	Tile	Beige/White Non-Fibrous Heterogeneous	Dissolved	None Detected	2% Cellulose	98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

J. P. [Signature]

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. EMSL is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analyte performed by EMSL of Michigan (NVLAP No. 01-00045-4)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	%	Fibrous % Non-Fibrous
S-1236-011900- BDN-67-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	5% Cellulose	95% Other
S-1236-011900- BDN-68		Brown/Tan Fibrous Heterogeneous	Ashed/Teased		None Detected	95% Cellulose	5% Other
S-1236-011900- BDN-69		White/Grey Fibrous Heterogeneous	Teased	10% Chrysotile 45% Amosite		5% Cellulose	40% Other
S-1236-011900- BDN-70		Black/Brown Non-Fibrous Heterogeneous	Crushed/Dissolved		None Detected	7% Cellulose	93% Other
S-1236-011900- BDN-71-T	Tile	Green/White Non-Fibrous Heterogeneous	Dissolved	10% Chrysotile		3% Cellulose	87% Other
S-1236-011900- BDN-71-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	10% Cellulose	90% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli
A. Antonelli
Analyst

J. D. ...
Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the test performed. This report may not be reproduced except in full without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	<u>ASBESTOS</u>		<u>NON-ASBESTOS</u>	
				%	Type	%	Fibrous % Non-Fibrous
S-1236-011900- BDN-72		Green Non-Fibrous Heterogeneous	Dissolved	5%	Chrysotile	3%	Cellulose 92% Other
S-1236-011900- BDN-73		Grey/White/Various Fibrous Heterogeneous	Ashed/Teased	45%	Chrysotile	40%	Cellulose 15% Other
S-1236-011900- BDN-74		Black/White Fibrous Heterogeneous	Ashed/Teased	None Detected		40%	Cellulose 60% Other
S-1236-011900- BDN-75		Brown/Tan Fibrous Heterogeneous	Ashed/Teased	None Detected		90%	Cellulose 10% Other
S-1236-011900- BDN-76		Black/Brown/White Fibrous Heterogeneous	Ashed/Teased	None Detected		95%	Cellulose 5% Other
S-1236-011900- BDN-77		Blue/Black/Brown Fibrous Heterogeneous	Ashed/Teased	None Detected		80%	Cellulose 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli
A. Antonelli
Analyst

T. D. ...
Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as 0% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NIOSH or any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan, NYS ELAP Accredited #16-043

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900-BDN-78-T	Tile	Brown/Tan Non-Fibrous Heterogeneous	Dissolved	7%	Chrysotile	3% Cellulose	90% Other
S-1236-011900-BDN-78-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	10% Cellulose	90% Other
S-1236-011900-BDN-79		Grey/White Fibrous Heterogeneous	Ashed/Teased		None Detected	20% Cellulose 75% Glass	5% Other
S-1236-011900-BDN-80-T	Tile	Brown/Tan Non-Fibrous Heterogeneous	Dissolved	10%	Chrysotile	4% Cellulose	86% Other
S-1236-011900-BDN-80-M	Mastic	Black/Brown Non-Fibrous Heterogeneous	Dissolved		None Detected	7% Cellulose	93% Other
S-1236-011900-BDN-81		Green/White Non-Fibrous Heterogeneous	Dissolved	5%	Chrysotile	3% Cellulose	92% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

J. P. [Signature]

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810

Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00191

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant Flint MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900- BDN-82		Olive/Green Non-Fibrous Heterogeneous	Dissolved	5%	Chrysotile	4% Cellulose	91% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

[Signature]

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

EMSL Analytical, Inc.

212 South Wagner Road
Ann Arbor, MI 48103
Phone: (734) 668-6810

Fax: (734) 668-8532

Oldwacker Rd.

12636
SDG: 26

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00242

POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant, Flint, MI (MI00191)

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900- BDN-34-T	Tile	Red/Orange/White Non-Fibrous Heterogeneous	Dissolved	0.75%	Chrysotile	4.25% Cellulose	95.75% Other
S-1236-011900- BDN-37-T2	Grey Tile	Red/White Non-Fibrous Heterogeneous	Dissolved	2.25%	Chrysotile	8.25% Cellulose	89.5% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

J. P. [Signature]

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the sample tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to do, but, separate and analyze layered samples.

Analysis performed by EMSL of Michigan (HARAP) as per BULK 116-0191

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 24, 2000

Ref Number: MI00242

POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant, Flint, MI (MI00191)

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
S-1236-011900- BDN-34-T	Tile	Red/Orange/White Non-Fibrous Heterogeneous	Dissolved	0.75%	Chrysotile	4.25% Cellulose	95.9% Other
S-1236-011900- BDN-37-T2	Grey Tile	Red/White Non-Fibrous Heterogeneous	Dissolved	2.25%	Chrysotile	8.25% Cellulose	89.5% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

A. Antonelli

A. Antonelli
Analyst

REC'D CRA

JAN 31 2000

SDG: 26

J. J. J.

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NPL AP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810

Fax: (734) 668-8532

Coldwater 125

12636

SD 6:28

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 31, 2000

Ref Number: MI00265

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former Delphi Plant, Flint, MI

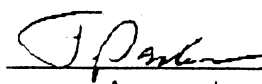
Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
12636-012500-BDN-83		Beige Non-Fibrous Heterogeneous	Crushed		None Detected	1% Cellulose 3% Glass	96% Other
12636-012500-BDN-84		Beige Fibrous Heterogeneous	Teased/Crushed	15%	Amosite	35% Min. Wool	50% Other
12636-012500-BDN-85		Tan Fibrous Homogeneous	Teased		None Detected	98% Cellulose	2% Other
12636-012500-BDN-86		Cream Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
12636-012500-BDN-87		Grayish/Black/Vari Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
12636-012500-BDN-88		Grayish/Tan Fibrous Heterogeneous	Teased	70%	Chrysotile	5% Cellulose	25% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.



Jong-Sim Park
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analyte performed by EMSL of Michigan (PULAB-Ar and Sub #251048-1.)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532



Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 31, 2000

Ref Number: MI00265

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

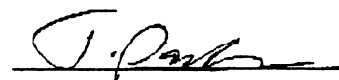
Project: 12636, Former Delphi Plant, Flint, MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
12636-012500-BDN-89		Gray Fibrous Heterogeneous	Teased/Crushed	25%	Chrysotile		75% Other
12636-012500-BDN-90		Gray Fibrous Heterogeneous	Teased/Crushed	25%	Chrysotile		75% Other
12636-012500-BDN-91		Black/Brown Non-Fibrous Heterogeneous	Crushed		None Detected		100% Other
12636-012500-BDN-92		Gray Fibrous Heterogeneous	Teased/Crushed	30%	Chrysotile	2% Cellulose	68% Other
12636-012500-BDN-93		Blue/Brown Fibrous Heterogeneous	Teased		None Detected	40% Cellulose	60% Other
12636-012500-BDN-94-A	Brown mastic	Brown Non-Fibrous Heterogeneous	Crushed		None Detected	5% Cellulose 3% Glass	92% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.


Jane Zhang
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analyse performed by EMSL of Michigan (NVLAP Accredited 0101045-4-1)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532



Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, January 31, 2000

Ref Number: MI00265

POLARIZED LIGHT MICROSCOPY (PLM)

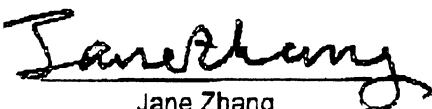
Performed by EPA 600/R-93/116 Method*

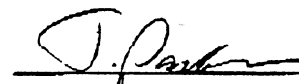
Project: 12636, Former Delphi Plant, Flint, MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
12636-012500-BDN-94-B	Tile	Orange Non-Fibrous Heterogeneous	Crushed	None Detected		2% Cellulose	98% Other
12636-012500-BDN-94-C	Black mastic	Black Non-Fibrous Heterogeneous	Teased	None Detected		6% Glass	94% Other
12636-012500-BDN-95-A	Tile	Brown Non-Fibrous Heterogeneous	Crushed	10% Chrysotile		2% Cellulose 3% Glass	85% Other
12636-012500-BDN-95-B	Mastic	Black Non-Fibrous Heterogeneous	Teased	None Detected		6% Cellulose 4% Glass	90% Other
12636-012500-BDN-96		Blue/Brown Fibrous Heterogeneous	Teased	None Detected		75% Cellulose	25% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.


Jane Zhang
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analyse performed by EMSL of Michigan (NVLAP Air and Soil #10248-1)

EMSL Analytical, Inc.

212 South Wagner Road
Ann Arbor, MI 48103
Phone: (734) 668-6810

Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman
Conestoga-Rovers & Associates, Inc.
11100 Metro Airport Center Drive
Suite 160
Romulus, MI 48174

Wednesday, February 09, 2000

Ref Number: MI00383

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636, Former GM Coldwater Road Delphi Plant

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
A-12636-020400-BDN-97		Rust Fibrous Heterogeneous	Teased		None Detected	80% Min. Wool	20% Other
A-12636-020400-BDN-98		White Fibrous Heterogeneous	Teased		None Detected	30% Glass 2% Cellulose	68% Other
A-12636-020400-BDN-99		Brown/Beige Non-Fibrous Heterogeneous	Crushed	< 1% Amosite		1% Glass < 1% Other < 1% Cellulose	99% Other
A-12636-020400-BDN-100		Beige Fibrous Heterogeneous	Teased	15% Amosite		< 1% Cellulose	85% Other
A-12636-020400-BDN-101		Brown/Beige Non-Fibrous Heterogeneous	Crushed		None Detected	< 1% Cellulose	100% Other
A-12636-020400-BDN-102		Beige Fibrous Heterogeneous	Teased	15% Amosite		< 1% Cellulose	85% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

J. Park

Jong-Sim Park
Analyst

J. Park

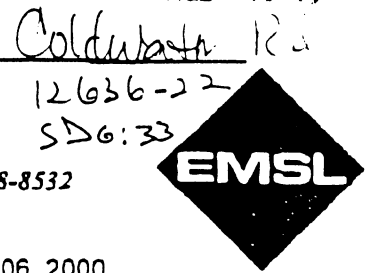
Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. The report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL on Michigan NVLAP Air and Soil #10-00047

EMSL Analytical, Inc.

212 South Wagner Road
Ann Arbor, MI 48103
Phone: (734) 668-6810 Fax: (734) 668-8532



Attn.: Paul Wiseman
Conestoga-Rovers & Associates, Inc.
11100 Metro Airport Center Drive
Suite 160
Romulus, MI 48174

Monday, March 06, 2000

Ref Number: MI00670

POLARIZED LIGHT MICROSCOPY (PLM) Performed by EPA 600/R-93/116 Method*

Project: 12636-21, GM Coldwater Plant, Former Delphi Flint

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	%	Fibrous % Non-Fibrous
12636-030100-BDN-103		Grey Fibrous Heterogeneous	Teased/Crushed	None Detected		30% Glass	70% Other
12636-030100-BDN-104		Grey/Beige Fibrous Heterogeneous	Teased/Crushed	None Detected		15% Cellulose 20% Glass	65% Other
12636-030100-BDN-105		White Fibrous Heterogeneous	Teased/Crushed	None Detected		5% Glass 10% Synthetic	85% Other
12636-030100-BDN-106		White Fibrous Heterogeneous	Teased/Crushed	None Detected		8% Synthetic	92% Other
12636-030100-BDN-107		Grey Fibrous Heterogeneous	Teased/Crushed	None Detected		< 1% Cellulose 25% Glass	75% Other
12636-030100-BDN-108		White/Grey Fibrous Heterogeneous	Teased	75% Chrysotile		10% Glass	15% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method

Jong-Sim Park
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test method may not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP All and Bul. #101048-4)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810

Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, March 06, 2000

Ref Number: MI00670

POLARIZED LIGHT MICROSCOPY (PLM)

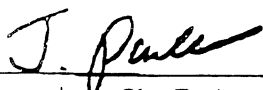
Performed by EPA 600/R-93/116 Method*

Project: 12636-21, GM Coldwater Plant, Former Delphi Flint

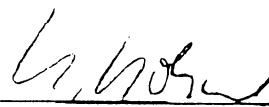
Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	%	Non-Fibrous
12636-030100- BDN-109		Grey Fibrous Heterogeneous	Teased/Crushed	20% Chrysotile 3% Amosite		77% Other	
12636-030100- BDN-110		Black Fibrous Heterogeneous	Teased/Dissolved	None Detected		70% Cellulose 30% Other	
12636-030100- BDN-111		Tan Fibrous Homogeneous	Teased	None Detected		98% Cellulose 2% Other	
12636-030100- BDN-112		Grey Non-Fibrous Heterogeneous	Crushed/Dissolved	4% Chrysotile		5% Other 1% Cellulose 90% Other	
12636-030100- BDN-113		Grey Non-Fibrous Heterogeneous	Crushed/Dissolved	4% Chrysotile		3% Other < 1% Cellulose 93% Other	
12636-030100- BDN-114-A	Transite	Grey Fibrous Heterogeneous	Teased/Crushed	20% Chrysotile 3% Amosite		77% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.



Jong-Sim Park
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP Air and Bulk #103046-2).

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810

Fax: (734) 668-8532



Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Monday, March 06, 2000

Ref Number: MI00670

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636-21, GM Coldwater Plant, Former Delphi Filnt

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
12636-030100- BDN-114-B	Fibrous layer	Brown Fibrous Heterogeneous	Teased		None Detected	92% Cellulose	8% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Jong-Sim Park
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP Air and Bulk #101048-4.)

Coldwater Rd.

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810

Fax: (734) 668-8532

12636-22

SD6133

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Friday, March 10, 2000

Ref Number: MI00770

POLARIZED LIGHT MICROSCOPY (PLM)

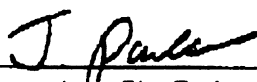
Performed by EPA 600/R-93/116 Method*

Project: GM Coldwater Plant, Former Delphi Plant

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
12636-030800-BDN-115		Grey Non-Fibrous Heterogeneous	Crushed		None Detected	< 1% Cellulose	30% Quartz 70% Other
12636-030800-BDN-116		Grey Non-Fibrous Heterogeneous	Crushed		None Detected	< 1% Cellulose	25% Quartz 75% Other
12636-030800-BDN-117		Tan Non-Fibrous Heterogeneous	Crushed		None Detected		10% Quartz 90% Other
12636-030800-BDN-118		Red/Brown Non-Fibrous Heterogeneous	Crushed		None Detected		5% Quartz 95% Other
12636-030800-BDN-119		Brown/Black Non-Fibrous Heterogeneous	Crushed		None Detected	< 1% Cellulose	10% Quartz 90% Other
12636-030800-BDN-120		Black Non-Fibrous Heterogeneous	Dissolved		None Detected	2% Cellulose < 1% Other	98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.



Jong-Sim Park
Analyst



Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP Air and Bulk #101048-4.)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Friday, March 10, 2000

Ref Number: MI00770

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: GM Coldwater Plant, Former Delphi Plant

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	%	Fibrous % Non-Fibrous
12636-030800-BDN-121		Black Fibrous Heterogeneous	Teased/Dissolved	None Detected		45% Cellulose	55% Other
12636-030800-BDN-122		Black Non-Fibrous Heterogeneous	Dissolved	4% Chrysotile		2% Cellulose	94% Other
12636-030800-BDN-123		White Fibrous Heterogeneous	Teased	3% Chrysotile 20% Amosite			77% Other
12636-030800-BDN-124		Brown/Black Non-Fibrous Heterogeneous	Dissolved	10% Chrysotile		5% Other 2% Cellulose	83% Other
12636-030800-BDN-125		Blue/Black Fibrous Heterogeneous	Teased/Dissolved	45% Chrysotile		20% Cellulose	35% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.



Jong-Sim Park
Analyst



Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP Air and Bulk #101048-4.)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810

Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Friday, March 24, 2000

Ref Number: MI00927

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 12636-22, Former Delphi Plant, Flint, MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
12636-032100- BDN-126		Grey Non-Fibrous Heterogeneous	Crushed	2%	Chrysotile	2% Cellulose	96% Other
12636-032100- BDN-127		Grey Non-Fibrous Heterogeneous	Crushed	3%	Chrysotile	2% Cellulose 2% Glass	93% Other
12636-032100- BDN-128		Grey Non-Fibrous Heterogeneous	Crushed	3%	Chrysotile	5% Cellulose 2% Glass	90% Other
12636-032100- BDN-129		Grey Non-Fibrous Heterogeneous	Crushed	3%	Chrysotile	5% Cellulose	92% Other
12636-032100- BDN-130		Grey Non-Fibrous Heterogeneous	Crushed	5%	Chrysotile	5% Cellulose	90% Other
12636-032100- BDN-131		Grey Non-Fibrous Heterogeneous	Crushed	3%	Chrysotile	2% Cellulose 2% Glass	93% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Jane Zhang
Jane Zhang
Analyst

L. G. White
Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP Air and Bulk #101048-4.)

EMSL Analytical, Inc.

212 South Wagner Road

Ann Arbor, MI 48103

Phone: (734) 668-6810

Fax: (734) 668-8532

EMSL

Attn.: Paul Wiseman

Conestoga-Rovers & Associates, Inc.

11100 Metro Airport Center Drive

Suite 160

Romulus, MI 48174

Friday, March 24, 2000

Ref Number: MI00927

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

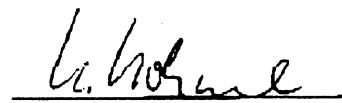
Project: 12636-22, Former Delphi Plant, Flint, MI

Sample	Location	Appearance	Sample Treatment	ASBESTOS	NON-ASBESTOS	
				% Type	% Fibrous	% Non-Fibrous
12636-032100- BDN-132		Grey Non-Fibrous Heterogeneous	Crushed	4% Chrysotile	3% Cellulose 3% Glass	90% Other
12636-032100- BDN-133		Grey Non-Fibrous Heterogeneous	Crushed	6% Chrysotile	5% Cellulose 2% Glass	87% Other
12636-032100- BDN-134		Grey Non-Fibrous Heterogeneous	Crushed	7% Chrysotile	3% Cellulose	90% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.


Jane Zhang
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Michigan (NVLAP Air and Bulk #101048-4.)

CHA

CONESTOGA-ROVERS & ASSOCIATES, INC.
11100 Metro Airport Center Drive - Suite 160
Romulus, MI 48174 (734) 942-0909

CHAIN OF CUSTODY RECORD

SAMPLER'S SIGNATURE: [Signature] PRINTED NAME: Mike Noxaris

SHIPPED TO (Laboratory Name):

Envirochem, Inc.

REFERENCE NUMBER:

12656

PROJECT NAME:

DELPHI PUMP REPAIR

SAMPLER'S SIGNATURE		PRINTED NAME		PARAMETERS		REMARKS	
SEQ. No.	DATE	TIME	NO. OF CONTAINERS	SAMPLE TYPE			
1			1	Solid	X	Start of test	
2						End of test	
3						End of test	
4						End of test	
5						End of test	
6						End of test	
7						End of test	
8						End of test	
9						End of test	
10						End of test	
11						End of test	
12						End of test	
13						End of test	
14						End of test	
15						End of test	
16						End of test	
17						End of test	
18						End of test	
19						End of test	
20						End of test	
21						End of test	
22						End of test	
23						End of test	
24						End of test	
25						End of test	
26						End of test	
27						End of test	
28						End of test	
29						End of test	
30						End of test	
31						End of test	
32						End of test	
33						End of test	
34						End of test	
35						End of test	
36						End of test	
37						End of test	
38						End of test	
39						End of test	
40						End of test	
41						End of test	
42						End of test	
43						End of test	
44						End of test	
45						End of test	
46						End of test	

TOTAL NUMBER OF CONTAINERS

RELINQUISHED BY:		RECEIVED BY:		DATE:	
1		1			
2		2			
3		3			

METHOD OF SHIPMENT:

AIR BILL No.

SAMPLE TEAM:

White - Fully Executed Copy
Yellow - Receivng Laboratory Copy
Pink - Shipper Copy
Goldentrod - Sampler Copy

RECEIVED FOR LABORATORY BY:

DATE: 1/19/00 TIME: 6:00 PM

8924

CRA

CONESTOGA-ROVERS & ASSOCIATES, INC.
11100 Metro Airport Center Drive - Suite 160
Romulus, MI 48174 (734) 942-0909

CHAIN OF CUSTODY RECORD

SAMPLER'S SIGNATURE: Mh. R.C. PRINTED NAME: Mike Noxakis

SHIPPED TO (Laboratory Name):

Ensl Am Arbor MI

REFERENCE NUMBER:

12630

PROJECT NAME:

WATER DETPHI FLINT MI

SEQ. No.	DATE	TIME	SAMPLE TYPE	NO OF CONTAINERS	PARAMETERS	REMARKS
			41	1		Summed TAT
			BDN-46			Summed TAT
			BDN-41			Summed TAT
			60			Summed TAT
			51			Summed TAT
			52			Summed TAT
			53			Summed TAT
			54			Summed TAT
			55			Summed TAT
			56			Summed TAT
			57			Summed TAT
			58			Summed TAT
			59			Summed TAT

TOTAL NUMBER OF CONTAINERS

RELINQUISHED BY:

DATE: TIME:

RECEIVED BY:

DATE: TIME:

RELINQUISHED BY:

DATE: TIME:

RECEIVED BY:

DATE: TIME:

RELINQUISHED BY:

DATE: TIME:

RECEIVED BY:

DATE: TIME:

METHOD OF SHIPMENT:

AIR BILL No.

White - Fully Executed Copy
Yellow - Receiving Laboratory Copy
Pink - Shipper Copy
Goldenrod - Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

7455

DATE: 11/18/93 TIME: 1:00 PM

CRA

CONESTOGA-ROVERS & ASSOCIATES, INC.
11100 Metro Airport Center Drive - Suite 160
Romulus, MI 48174 (734) 942-0909

CHAIN OF CUSTODY RECORD

SAMPLER'S SIGNATURE: MLR/LC PRINTED NAME: Mike Noxakis

SEQ. NO. DATE TIME

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73

SAMPLE TYPE

NO. OF CONTAINERS

PARAMETERS

REMARKS

SHIPPED TO (Laboratory Name):

PROJECT NAME:

REFERENCE NUMBER:

TOTAL NUMBER OF CONTAINERS

RELINQUISHED BY:

1. DATE: TIME:

RELINQUISHED BY:

2. DATE: TIME:

RELINQUISHED BY:

3. DATE: TIME:

RECEIVED BY:

1. DATE: TIME:

RECEIVED BY:

2. DATE: TIME:

RECEIVED BY:

1. DATE: TIME:

METHOD OF SHIPMENT:

AIR BILL No.

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

White Fully Executed Copy
Pink Receiving Laboratory Copy
Goldenrod Shipper Copy
Sampler Copy

7456

DATE: 4/29/93 TIME: 10:00 AM

PROJECT NAME:

PROJECT NAME:

Diaphi Plant Plant Mt

Mike Noxakis

PARAMETERS

PARAMETERS

No. 0

REMARKS

Handed TAI
Date 2270

Don't mind it's better
than that monster
and yet better still

--	--

--	--

TOTAL NUMBER OF CONTAINERS

5

1.

RECEIVED BY:

DATE:

١٠

1.

TIME:

B

RECEIVED BY:

DATE:

2

2

TIME:

5

RECEIVED BY:

DATE:

工

RECEIVED BY:

DATE:	TIME:
-------	-------

14-1-2025

AIR BILL No.

-Shipper Copy
-Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

-Sampler Copy

in the business

Country	1950	1960	1970	1980
Algeria	~10	~10	~10	~10
Argentina	~10	~10	~10	~10
Brazil	~10	~10	~10	~10
Canada	~10	~10	~10	~10
Chad	~10	~10	~10	~10
China	~10	~10	~10	~10
Cote d'Ivoire	~10	~10	~10	~10
France	~10	~10	~10	~10
Germany	~10	~10	~10	~10
Ghana	~10	~10	~10	~10
India	~10	~10	~10	~10
Indonesia	~10	~10	~10	~10
Italy	~10	~10	~10	~10
Japan	~10	~10	~10	~10
Kenya	~10	~10	~10	~10
Madagascar	~10	~10	~10	~10
Mali	~10	~10	~10	~10
Mexico	~10	~10	~10	~10
Nigeria	~10	~10	~10	~10
Poland	~10	~10	~10	~10
Romania	~10	~10	~10	~10
Saudi Arabia	~10	~10	~10	~10
Senegal	~10	~10	~10	~10
Singapore	~10	~10	~10	~10
Sri Lanka	~10	~10	~10	~10
Tanzania	~10	~10	~10	~10
Togo	~10	~10	~10	~10
Tunisia	~10	~10	~10	~10
Uganda	~10	~10	~10	~10
United Kingdom	~10	~10	~10	~10
United States	~10	~10	~10	~10
Zambia	~10	~10	~10	~10

7457

DATE: 11/1/81 TIME: 1:00 PM

CRA
CONESTOGA-ROVERS & ASSOCIATES, INC.
11100 Metro Airport Center Drive - Suite 160
Romulus, MI 48174 (734) 942-0909

SHIPPED TO (Laboratory Name): EMSL Analytical, Inc.
212 South Wagner Road
Ann Arbor, MI 48103

CHAIN OF CUSTODY RECORD

SAMPLER'S SIGNATURE: Michael PRINTED NAME: _____

REFERENCE NUMBER:
12636

PROJECT NAME: Former GM Coldwater Road Delphi Plant

Mike Noxakis

OF
NERS

PARAMETERS

OF
NERS

SEQ. No.	DATE	TIME	SAMPLE TYPE
----------	------	------	-------------

**SAMPLE
TYPE**

SEQ: No.	DATE	TIME
-------------	------	------

REMARKS

stop tomorrow
time.
please put
beadles to
and wisdom

TOTAL NUMBER OF CONTAINERS

RELINQUISHED BY
1. Mike L.

DATE: TIME:

RECEIVED BY:
1.

DATE: TIME:

RELINQUISHED BY:
2.

RECEIVED BY: 2

TIME: _____
DATE: _____
TIME: _____

RELINQUISHED BY: 3.

RECEIVED BY: 1

TIME: _____
DATE: _____
TIME: _____

METHOD OF SHIPMENT:

AIR BILL No.:

White	-Fully Executed Copy	Pink	-Shipper Copy
Yellow	-Receiving Laboratory Copy	Goldenrod	-Sampler Copy

SAMPLE TEAM:

AMPLE TEAM: Mike Noxakis

RECEIVED FOR LABORATORY BY:

8931

DATE: _____ TIME: _____

CRA

CONESTOGA-ROVERS & ASSOCIATES, INC.
11100 Metro Airport Center Drive - Suite 160
Romulus, MI 48174 (734) 942-0909

SHIPPED TO (Laboratory Name):

ENSL

REFERENCE NUMBER:

PROJECT NAME:

CHAIN OF CUSTODY RECORD

12636-21

SAMPLER'S SIGNATURE: [Signature] PRINTED NAME: Mike Noxakis

PARAMETERS

No. OF CONTAINERS

SAMPLE TYPE

REMARKS

030160	12636-030100	BDN-103
	"	104
	"	105
	"	106
	"	107
	"	108
	"	109
	"	110
	"	111
	"	112
	"	113
	"	114

Asbestos

7-11-15

TOTAL NUMBER OF CONTAINERS

RELINQUISHED BY:

DATE:

RECEIVED BY:

DATE: 3/1/00

RELINQUISHED BY:

DATE:

RECEIVED BY:

TIME: 3:30pm

RELINQUISHED BY:

DATE:

RECEIVED BY:

TIME:

METHOD OF SHIPMENT:

AIR BILL No.

White - Fully Executed Copy
Yellow - Receiving Laboratory Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

Pink - Shipper Copy
Goldenrod - Sampler Copy

Mike Noxakis

9178

DATE: TIME:

CRA Attn: Paul Wiseman
CONESTOGA-ROVERS & ASSOCIATES, INC.
11100 Metro Airport Center Drive - Suite 160
Romulus, MI 48174 (734) 942-0909

CHAIN OF CUSTODY RECORD

SAMPLER'S SIGNATURE: Mike Noxakis PRINTED NAME: Mike Noxakis

SHIPPED TO (Laboratory Name):

EMSL 212 South Wagner Rd.
Ann Arbor, MI 48103

REFERENCE NUMBER:

12636-22

PROJECT NAME:

Former Delphi Plant, Flint MI.

SAMPLER'S SIGNATURE: Mike Noxakis PRINTED NAME: Mike Noxakis

REFERENCE NUMBER: 12636-22

PARAMETERS

SAMPLE TYPE

CONTAINERS

REMARKS

SEQ. No. DATE TIME

12636-032100-BDN-126

-127

-128

-129

-130

-131

-132

-133

12636-032100-BDN-134

Solid

Solid

TOTAL NUMBER OF CONTAINERS

RELINQUISHED BY:

1. DATE: TIME:

RELINQUISHED BY:

2. DATE: TIME:

RELINQUISHED BY:

3. DATE: TIME:

RECEIVED BY:

1. DATE: TIME:

RECEIVED BY:

2. DATE: TIME:

RECEIVED BY:

1. DATE: TIME:

METHOD OF SHIPMENT: FED Ex

AIR BILL No.

While Fully Executed Copy
Yellow Receiving Laboratory Copy

Pink Shipper Copy
Goldenrod Sampler Copy

SAMPLE TEAM:

Mike Noxakis

Chris Kaminski

RECEIVED FOR LABORATORY BY:

DATE: TIME:

APPENDIX C

PHOTOGRAPHS OF BUILDING DECOMMISSIONING ACTIVITIES



PHOTO #1 GALBESTOS ENCAPSULATION



PHOTO #2 REMOVING TRANSFORMER FROM OUTSIDE ROOF TOP PAD INTO BUILDING 44.

BUILDING DECOMMISSIONING PHOTOGRAPHS
FORMER PEREGRINE COLDWATER FACILITY
Coldwater Road, Flint, Michigan





PHOTO #3 EXPOSING ASBESTOS PIPING



PHOTO #4 ENCAPSULATION THE POWERHOUSE PRIOR TO ASBESTOS REMOVAL.

BUILDING DECOMMISSIONING PHOTOGRAPHS
FORMER PEREGRINE COLDWATER FACILITY
Coldwater Road, Flint, Michigan





PHOTO #5 COLLECTION OF BATTERIES



PHOTO #6 COLLECTION OF DRINKING FOUNTAINS

BUILDING DECOMMISSIONING PHOTOGRAPHS
FORMER PEREGRINE COLDWATER FACILITY
Coldwater Road, Flint, Michigan





PHOTO #7 STAGED WOOD BLOCK FLOORING.



PHOTO #8 INLAND WATER REMOVING FLY ASH FROM THE POWERHOUSE.

BUILDING DECOMMISSIONING PHOTOGRAPHS
FORMER PEREGRINE COLDWATER FACILITY
Coldwater Road, Flint, Michigan





PHOTO #9 ACCUMULATED NON-HAZARDOUS WASTE IN ROLL-OFF BOXES.



PHOTO #10 OPENING CONCRETE BINS IN BUILDING 63.

BUILDING DECOMMISSIONING PHOTOGRAPHS
FORMER PEREGRINE COLDWATER FACILITY
Coldwater Road, Flint, Michigan





PHOTO #11 REMOVING MATERIAL FROM BINS IN BUILDING 63.



PHOTO #12 WINDOW PANE REMOVAL FROM BUILDING 44.

BUILDING DECOMMISSIONING PHOTOGRAPHS
FORMER PEREGRINE COLDWATER FACILITY
Coldwater Road, Flint, Michigan



APPENDIX D

PHOTOGRAPHS OF DEMOLITION ACTIVITIES



PHOTO 1: POWERHOUSE DEMOLITION



PHOTO 2: SOUTH WALL POWERHOUSE DEMOLITION

DEMOLITION PHOTOGRAPHS
 FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD
Genesee Township, Michigan





PHOTO 3: WATER TOWER DEMOLITION



PHOTO 4: SORTING DEMOLITION DEBRIS



DEMOLITION PHOTOGRAPHS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD
Genesee Township, Michigan



PHOTO 5: BUILDING 44 DEMOLITION



PHOTO 6: ADMINISTRATION BUILDING DEMOLITION

DEMOLITION PHOTOGRAPHS
FORMER PEREGRINE (U.S.) INC. COLDWATER ROAD
Genesee Township, Michigan

