Report

Phase I
Environmental Site Assessment
French Road Facility

Martin Marietta Corporation
Utica, New York

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Introduction

1.0 Introduction

1.1 Overview

Martin Marietta Corporation (MMC) retained Blasland, Bouck & Lee, Inc. (BBL) to conduct a Phase I Environmental Site Assessment (ESA) of its French Road facility and property (the "site") located at 525 French Road in Utica, Oneida County, New York (Figure 1). The purpose of the ESA was to identify existing and potential environmental liabilities associated with the historical and current use of the French Road facility that could impact facility closure or divestiture.

BBL conducted this ESA from August 28 through September 13, 1995 in general conformance with the American Society for Testing and Materials (ASTM) Standards E-1527 and E-1528, *Standard Practices for Environmental Site Assessments*: "Phase I Environmental Site Assessment Process" and "Transaction Screen Process."

BBL's scope of work included:

- A review of available MMC and General Electric Company-Aerospace Division (GE) reports, documentation, and correspondence related to environmental activities at the French Road facility;
- A review of the following standard environmental sources to determine which (if any) of the following databases include the French Road facility or any facilities within the minimum search distances listed in ASTM E-1527:

  - National Priorities List;
  - Resource Conservation and Recovery Information System - Treatment, Storage, and Disposal Facilities;
  - Comprehensive Environmental Response, Compensation, and Liability Information System;
  - No Further Remedial Action Planned Sites;
  - Resource Conservation and Recovery Information System - Large Quantity Generations;
  - Resource Conservation and Recovery Information System - Small Quantity Generations;
  - Emergency Response Notification System;
  - New York Inactive Hazardous Waste Disposal Sites;
  - New York Leaking Storage Tanks;
  - New York Active Solid Waste Facility Register;
  - New York Chemical Bulk Storage Tanks;
  - New York Major Oil Storage Facilities; and
  - New York Petroleum Bulk Storage Tanks.

- A review of additional environmental records sources, including records from:

  - Oneida County Environmental Health Department; and
  - New York State Department of Environmental Conservation (NYSDEC);

- A review of physical setting sources, including:

  - Current United States Geological Survey (USGS) 7.5 Minute Topographic Map; and
  - Various site-specific data related to previous and on-going investigations at the site;

- A review of historical use information sources, including aerial photographs;
- An observation of interior and exterior portions of the French Road facility;
- Interviews with MMC personnel to document any recognized environmental conditions that were not fully revealed by the records search or the site observation; and
- Preparation of this ESA Report.

1.2 Report Organization

This report is organized into 12 sections. Following this introductory section, Section 2.0 presents the history of the site. This section includes much of the information obtained during the review of standard environmental record sources, including a summary of potential environmental liabilities that surrounding properties may pose to the site. This section also relates much of the information obtained as part of the review of physical setting and historical use information sources.

The next seven sections discuss environmental concerns common to industrial facilities including:

- Section 3 - Air Emissions
- Section 4 - Wastewater
- Section 5 - Hazardous Waste Management
- Section 6 - Polychlorinated Biphenyls (PCBs)
- Section 7 - Hazardous Materials
- Section 8 - Fuel and Waste Oils
- Section 9 - Miscellaneous Environmental Issues

Previous, on-going, and future decommissioning projects at the site are described in Section 10. This section addresses decommissioning projects implemented during the early 1990s, such as the Printed Wire Board (PWB) and Metal Parts Manufacturing (MPM) decommissioning projects, as well as the on-going and future

facility decommissioning and equipment decontamination projects that may need to be completed before the site is transferred.

Previous and on-going remediation projects at the site are described in Section 11. These projects include ground-water, soil and storm-sewer monitoring and remediation programs.

Section 12 outlines recommendations for further investigations, based on the findings of this ESA.

In addition, Table 1 is presented which includes a comprehensive inventory of above ground and underground storage tanks. This includes existing tanks as well as tanks which have been taken out of service and removed. Specific references to tanks are discussed throughout the report under individual topics.

Also, Table 2 is presented which includes information contained in the NYSDEC Oil and Hazardous Material Spill records with respect to the French Road facility.

Site Overview

2.0 Site Overview

2.1 Site History

In the early 1950s, GE acquired approximately 55 acres of undeveloped land on French Road in Utica, New York and constructed a 500,000-square-foot manufacturing plant. Production operations conducted by GE at this plant included the manufacture, assembly, and testing of electrical components for the defense and aerospace industries (e.g., radar, aircraft guidance systems). These production operations were maintained by GE until April 2, 1993, at which point the French Road facility was acquired by MMC. On March 16, 1995, MMC merged with Lockheed Corporation; however, MMC continued to be the owner/operator of the facility. Although facility production has been scaled back considerably during the past five years, production operations are continuing at the facility. The facility decommissioning and subsequent transfer of the site is scheduled by MMC for 1996. This ESA Report identifies existing and potential environmental issues at the site.

2.2 Site Description

The site comprises one main building and several support buildings, including a boiler house, a guard house, a maintenance building, two storage buildings, a pH neutralization building, and a 90-day hazardous waste storage building (Figure 2). Approximately 20 electrical transformers (Section 6.1) are located throughout the site; the largest transformers are part of an electrical "switch yard" located west of the boiler house (Figure 2). The remainder of the site consists primarily of paved roads and parking areas, as well as some grassy areas.

The site is bordered by the Utica Industrial Park on the north, French Road on the east, and Chenango Road on the south. Also, a New York State Department of Transportation (NYSDOT) maintenance facility is located west of the site on Chenango Road. Oneida County provides sanitary sewer services to the site and the Utica Board of Water Supply provides potable water for industrial users as well as residents within a 2-mile radius of the site. There are no residential wells within 2 miles of the site.

The above-referenced NYSDOT facility, which is adjacent to the site, is included on the New York State Department of Environmental Conservation (NYSDEC) Registry of Inactive Hazardous Waste Disposal Sites (NYSDEC site number 633026). The NYSDOT facility is listed as a Class 2a site.

2.3 Review of Standard Environmental Sources

As part of this ESA, a review of the following standard environmental sources was performed by Environmental Risk Information & Imaging Services (ERIIS) to determine which (if any) of the following databases include the French Road facility or any facilities within the minimum search distances listed in ASTM E-1527.

- National Priorities List;
- Resource Conservation and Recovery Information System - Treatment, Storage, and Disposal Facilities;
- Comprehensive Environmental Response, Compensation, and Liability Information System;
- No Further Remedial Action Planned Sites;
- Resource Conservation and Recovery Information System - Large Quantity Generations;
- Resource Conservation and Recovery Information System - Small Quantity Generations;
- Emergency Response Notification System;
- New York Inactive Hazardous Waste Disposal Sites;
- New York Leaking Storage Tanks;
- New York Active Solid Waste Facility Register;
- New York Chemical Bulk Storage Tanks;
- New York Major Oil Storage Facilities; and
- New York Petroleum Bulk Storage Tanks.

In summary, the French Road facility was identified in the search under the Chemical Bulk Storage Tanks and Petroleum Bulk Storage Tanks databases. The ERIIS report also identified a facility (Bendix Fluid Power Division) located on Seward Avenue on the Comprehensive Environmental Response, Compensation, and Liability Information System, and New York Inactive Hazardous Waste Disposal Sites databases. Also, an automotive service shop (Mercurio's Automotive Service) located on French Road was identified on the Petroleum Bulk Storage Tanks database. Database information for the above citations are included in the ERIIS report which is attached as Appendix A.

Air Emissions

3.0 Air Emissions

The site has 41 air emission point sources requiring NYSDEC Certificates to Operate an Air Contamination Source Process, Exhaust, or Ventilation System Units. The air emissions include emissions from soldering, painting, metal finishing, spray cleaning, welding, and testing processes, as well as emissions from chemical laboratory hoods, the ventilation of the 90-day hazardous waste storage area, and boilers. MMC maintains a computer database to track emission quantities. A copy of the output (dated September 6, 1995) from this database listing the pounds of permitted air contaminants potentially emitted from each air emission point at the facility through September 1995 is included as Appendix B.

During facility decommissioning, MMC will assess the potential for contamination caused by these air emission points. This assessment may include examining interior surfaces of the air pollution conveyance systems. Any area that may have been impacted by air emissions, including the exterior ductwork surfaces, walls, floors, roofs and other surfaces, should be assessed for chemicals associated with permitted processes. Also, historical air emission points not represented by the current database (i.e., emission-producing processes that have been discontinued) should be evaluated for impacts to associated surfaces.

The quantity of fugitive air emissions at the French Road facility appears to be minimal. However, small quantities of alcohols (primarily isopropyl alcohol), and flux could represent low-level fugitive air emission sources (*de minimis* quantities).

Wastewater

4.0 Wastewater

4.1 Storm Sewer

The storm sewer system at the site consists primarily of an underground pipeline network and an open drainage ditch. The underground pipeline network consists of three primary sections, including a section running west to east under the northern end of the main building; a section running west to east along the front (south) side of the main building; and a section running beneath the east parking lot (see Figure 3). The open drainage ditch flows west to east just south of the site's northern property line and discharges into the underground pipeline network. The storm sewer system converges at Manhole No. 9 (MH-9), which discharges into Nail Creek (a tributary to the Mohawk River) through Outfall No. 001. This system collects and discharges stormwater as well as process wastewater (primarily non-contact cooling water). The discharge is permitted under the NYSDEC State Pollutant Discharge Elimination System (SPDES) program, permit number NY0121894.

The current SPDES permit became effective on August 1, 1994 for a five-year period (expires August 1, 1999). The permit includes a compliance schedule which requires that an investigation be conducted to determine the source of volatile organic compounds (VOCs) previously identified in water samples collected at Outfall No. 001. Further, the results of the investigations were to be outlined in a NYSDEC-approvable engineering report, along with a description of efforts to be undertaken to comply with the proposed discharge limitations.

On July 31, 1995, a modification to the SPDES permit became effective which included revised discharge limitations. This permit modification was based on the dilutionary effects of Nail Creek and the Mohawk River.

The results of several ground-water and storm-sewer infiltration investigations indicated that several sources, including the solvent dock area and the former hazardous waste drum storage area (pole barn), have caused localized ground-water contamination. This ground-water infiltrates the storm sewer at the drainage ditch and the pipeline under the north portion of the main building. Section 11 summarizes the ground-water and storm-sewer investigations at the site and discusses on-going and proposed remedial measures.

Another storm sewer exists at the site which is owned by Oneida County. Specifically, a 30-inch diameter storm sewer runs beneath the east parking lot. This storm sewer exists within an easement obtained by Oneida County. This storm sewer services the Industrial Park north of the site and does not accept any inputs from the French Road facility. However, a future connection is planned from the proposed ground-water treatment system (see Section 11).

4.2 Sanitary Sewer

The site has two sanitary sewer discharge points, Outfall No.'s 001 and 002, which are regulated by Oneida County Sewer District Discharge Permit Number 005. A pipeline that runs west to east at the northern portion of the main building conveys wastewater from the site's pH neutralization system (Figure 2) to Discharge Point No. 001. Discharge Point No. 002 receives sanitary wastes and runs west to east under the southern portion of the main building.

Wastewater neutralization (pH adjustment) and oil/water separation, is performed in a building northeast of the main facility building. Wastewater enters the basement of the treatment building where preliminary pH adjustment is performed in two concrete tanks. In total, there are four concrete tanks in the basement, as follows:

- Tank A - 1,294 gallon capacity, inactive;
- Tank B - 3,319 gallon capacity, inactive;
- Tank C - 2,306 gallon capacity, used for preliminary pH adjustment; and
- Tank D - 1,856 gallon capacity, used as an overflow tank.

Since the majority of wastewater treated by the treatment system is acidic, pH adjustment is primarily accomplished by caustic addition. Accordingly, there is a vertically oriented, 800-gallon, fiberglass-reinforced plastic (FRP), sodium hydroxide aboveground storage tank (AST) (Table 1, Tank No. 15) located in the basement. Two other larger sodium hydroxide tanks formerly located in the basement are also depicted on Table 1 as Tank No.'s 25 and 26. Acid addition equipment also exists consisting of acid storage in polyethylene drums located on the first floor from which acid is pumped into Tank C.

Final pH adjustment is performed on the first floor of the treatment building in a horizontally oriented, steel AST (Table 1, Tank No. 31). Final pH adjustment is accomplished by either adding more sodium hydroxide (diluted to 15%) or adding nitric acid. The treated wastewater is discharged from the treatment building to Discharge Point No. 001.

An oil/water separator is also located on the first floor of the building. Most wastewater treated in this unit is brought to the treatment building in 55-gallon drums; however, the wastewater from two penthouse Sullair units (Penthouses 4 and 6) is piped directly to the oil/water separator. All waste from the oil/water separator is accumulated in 55-gallon drums and stored in a secure, non-regulated storage area adjacent to the 90-day hazardous waste storage area (see Section 5.3).

In the early 1970s a cyanide treatment system was installed in this building. Due to the very low concentrations of cyanide in the incoming wastewater, this system was removed prior to use.

In response to an Oneida County initiative, several silver recovery systems were installed to treat wastewater from processes in both the photo lab and the materials lab. Following the silver recovery process, wastewater is conveyed to the pH neutralization system described above. The filters are periodically removed from the systems and disposed of as hazardous waste.

Hazardous Waste Management

5.0 Hazardous Waste Management

The French Road facility is a large quantity generator of hazardous waste, as defined by 40 CFR Part 262. MMC maintains all active and inactive hazardous waste profiles at the site. Hazardous waste management procedures include a RCRA Contingency Plan, procedures for the collection and disposal of spent fluorescent bulbs and lead-acid batteries, procedures for hazard communication, training, and procedures for hazardous waste accumulation. The types and quantities of hazardous waste generated at the facility are identified in the most recent (1994) annual hazardous waste report which was submitted to NYSDEC.

This section presents the history and current status of the former hazardous waste drum storage area and storage tanks, as well as the solvent-dock overflow retention tank, and the 90-day hazardous waste storage area.

5.1 Former Hazardous Waste Drum Storage Area (Pole Barn) and Storage Tanks

5.1.1 History, Purpose, and Location

5.1.1.1 Hazardous Waste Storage Area

In November 1980, GE submitted a Part A application to USEPA. On February 3, 1983, GE obtained a 6 NYCRR Part 360 permit, No. 1291, to store hazardous waste at the French Road facility. In accordance with the permit application, a pole barn structure located on a curbed concrete pad north of the main plant (Figure 2) served as the hazardous waste storage area. The structure contained a curbed concrete floor (40-feet by 80-feet) pitched to the rear. Numerous quantities and types of hazardous wastes were collected from the French Road facility and stored in this area, including:

- 1,1,1-trichloroethane and freon waste (F001) from degreasing operations;
- Ammonium persulfate (D002), sulfuric and nitric acids (D002), and spent cyanide (F007) from electroplating operations; and
- Circuit board cuttings and trimmings (D008), isopropanol, toluene, and naphtha (F003), and EP toxic silver (D011) from miscellaneous operations.

Drums of these hazardous waste were collected from the French Road facility and stored in the hazardous waste storage area prior to transportation to an off-site disposal facility.

According to facility personnel, waste was reportedly stored in the hazardous waste storage area in compliance with the 6 NYCRR Part 360 permit. Additional reports from facility personnel suggest that prior to the issuance of the 6 NYCRR Part 360 permit, waste handling practices were such that incidental spills or releases may have occurred in this area. Analytical results of soil and ground-water sampling conducted in the former location of this storage area (detailed in Section 11.2) support these observations.

In a May 23, 1983 letter from GE to the USEPA Region II and the NYSDEC, GE requested withdrawal of the RCRA Part A Permit Application because hazardous wastes generated at the French Road facility were no longer stored for periods greater than 90 days prior to shipment for disposal. In addition, a treatment system referred to in the Part A Permit Application was exempt from RCRA permitting requirements [i.e., a pH neutralization tank for process wastewaters discharged to a Publicly-Owned Treatment Works (POTW)].

A December 19, 1983 letter from GE to the USEPA Region II indicates that GE discontinued operations as a transporter of hazardous waste and restated that hazardous wastes were not stored at the French Road facility for periods of greater than 90 days prior to transport for disposal. According to the letter, GE contracted with Frontier Chemical Company to pick up hazardous wastes generated at the facility within 90 days of generation.

In a March 27, 1985 letter to GE, the NYSDEC acknowledged receipt of a Closure Plan for the hazardous waste storage area covered by the Part A Permit Application and indicated that the Closure Plan was adequate. The NYSDEC subsequently gave approval for re-classification of the French Road facility to generator status pending certification of RCRA closure of the storage area by the owner/operator and an independent professional engineer.

On November 8, 1990, the NYSDEC sent a letter to GE to confirm receipt of owner/operator and independent professional engineer's certification of RCRA closure for the storage area and terminated GE's authority to operate the French Road facility as a treatment, storage, and disposal facility (TSDF).

5.1.1.2 Hazardous Waste Storage Tanks

Although no detailed records of the installation or removal of hazardous waste storage tanks could be located during this ESA, several reports that referenced two 1,000-gallon USTs located at the south eastern corner (Figure 2) of the main building were reviewed. The existence of these two tanks (depicted on Table 1 as Tank Nos. 22 and 23) was confirmed by the following sources:

- Preliminary correspondence with the NYSDEC, located in files at the French Road facility, concerning the application for the 6 NYCRR Part 373 Part B Hazardous Waste Storage permit;
- A letter report prepared by O'Brien & Gere Engineers, Inc. (OBG) dated October 27, 1992;
- *Final Report for EPA Work Assignment R02013 Corrective Action Prior to Loss of Interim Status, GE, Aerospace Department, Utica, New York*, CDM Federal Programs Corporation, March 1990; and
- Conversations with various French Road facility personnel.

A review of the documentation listed above indicated that two 1,000-gallon USTs were included on the Part B permit application. Part III of Form 3 of this application (Process Design Capacity) on page 1 of 5 has a line item for 2,000-gallon storage tank capacity, and Part IV (Description of Hazardous Wastes) on page 3A of 5 shows the annual quantity of waste for the tanks listed as 14,000 pounds of USEPA code D001 (ignitable) waste. The tanks are listed as Tank No.'s 22 and 23 on Table 1.

MMC employees questioned as part of this ESA had knowledge of these two USTs formerly located below the current Defense Contract Audit Agency (DCAA) Office, at the southeastern corner of the building. These employees indicated that the two tanks were installed in the 1950s and removed during the late 1970s or early 1980s. Subsequent to this, a building addition was installed in this area in 1982. The tanks serviced a large (40,000-square-foot) machine shop, which existed in the area of the current Consolidated Test Facility (Figure 2). One of these 1,000-gallon tanks was reportedly used to store spent water-soluble cooling oils and paint sludges, while the other tank was used to store spent chlorinated solvents. However, over the years, these waste streams were mixed, and both tanks reportedly contained all three waste streams.

The vent/fill lines from both tanks protruded through the ground and were the only signs of the tanks from the surface. Historically, liquids were reportedly observed overflowing the tanks via the fill/vent lines and the vegetation in the area (i.e., grass and weeds) was stressed and required little, if any, maintenance. Furthermore, employees present during tank removal activities reported the presence of a solvent odor.

Written records of the maintenance and removal of these tanks could not be located. Soil and ground-water investigations conducted in the area (OBG, October 1992) are described in the following subsection.

5.1.2 Closure and Post Closure

This subsection is based on a review of the hazardous waste storage area closure documentation, including:

- Correspondence between NYSDEC and GE;
- *Hazardous Waste Storage Area Closure Plan, General Electric Company, Aircraft Electronics Division, French Road, Utica, New York*, OBG, 1990;
- "Certification of Closure, GE, Utica, New York," OBG, November 1990;
- Hazardous waste disposal invoices issued to GE, French Road from Clean Harbors Environmental Services Companies; and
- *Final Report for EPA Work Assignment R02013 Corrective Action Prior to Loss of Interim Status, GE, Aerospace Department, Utica, New York*, CDM Federal Programs Corporation, March 1990.

5.1.2.1 Hazardous Waste Drum Storage Area

As of May 1983, the storage area did not store hazardous waste for more than 90 days. In 1990, GE submitted a closure plan for the area, which was approved by the NYSDEC on August 23, 1990. Closure activities were conducted during September and October of 1990. The owner/operator's and independent professional engineer's certification of closure for the hazardous waste storage area was submitted to the NYSDEC on November 5, 1990. Pre- and post-decontamination wipe samples were collected by OBG to assess the effectiveness of the decontamination. These sample results indicated that the closure process resulted in reduced surface concentrations of several metals. The NYSDEC confirmed receipt of the certification and agreed that the area was officially closed on November 8, 1990.

5.1.2.2 Hazardous Waste Storage Tanks

Because an addition to the main building covers the location of the former hazardous waste storage tanks, soil from this area has never been sampled. In August 1992, OBG installed soil borings at the southeastern corner of the building near the former location of the hazardous waste storage tanks to assess the potential impact from these tanks. The ground-water samples obtained in conjunction with these borings indicated that shallow ground water in the vicinity of the two former hazardous waste USTs had been impacted by VOCs (OBG, October 1992). Subsequent ground-water sampling at a downgradient monitoring well has not confirmed the presence of VOC-impacted ground water in this area.

5.2 Solvent Dock Overflow Retention Tank

In 1982, GE installed a 270-gallon UST for the emergency collection of spills within the solvent dock area. The tank was removed in June 1990. In August 1991, an initial investigation of the former tank location revealed impacts to both shallow soil and ground water. In December 1991, further investigations were performed to assess shallow soil and ground-water quality in the general vicinity of the former tank. This investigation localized soil and ground-water contamination in the former tank area. The potential effects of releases from this tank on site soil and ground-water conditions are addressed in Section 11.0.

5.3 Hazardous Waste Storage Areas

Currently, hazardous waste is stored at two locations, including:

- The solvent dock; and
- The facility's 90-day hazardous waste storage area.

Typically, two 55-gallon drums are staged in the solvent dock area and are used to accumulate waste solvents and waste solvent-contaminated solid debris (i.e., alcohol wipes, rags, etc.) generated in this area. These wastes are accumulated and then transferred to the facility's 90-day hazardous waste storage area to await off-site shipment. According to facility personnel, total time of accumulation between both the solvent dock area and the 90-day hazardous waste storage area is no more than 90 days.

The facility's 90-day hazardous waste storage area is located in a building east of the main building (Figure 2). This building contains four separate rooms for the storage of hazardous waste, gas cylinders, off-specification chemicals, and non-hazardous wastes. The 90-day hazardous waste storage area typically houses 40 to 60 drums in a given 90-day period. These wastes include corrosives from plating operations, flammable solvents, and solvent-contaminated debris. The building was constructed in 1951 of concrete block walls with metal sheathing. Historically, the area was not diked and, at one point, virgin cyanide was stored in the room. However, neither a review of written incident reports nor interviews with employees revealed a significant spill incident associated with this 90-day hazardous waste storage area. The floor of the storage area is coated with an epoxy and contains concreted diking to provide secondary containment for the wastes being stored. In addition, incompatible wastes are further segregated by concrete diking.

Polychlorinated Biphenyls

6.0 Polychlorinated Biphenyls

6.1 Transformers

MMC maintains a current list of all oil-filled transformers at the site as part of the site's Spill Prevention, Containment, and Countermeasure (SPCC) Plan. The following table depicts the current locations, transformer oil capacity, and control structures relative to the transformers identified in the most recent edition of the site's SPCC Plan.

Transformer Designation	Location	Quantity (Gal.)	Control
Main Power Substation	NW End of Property	3870	Gravel
Main Power Substation	NW End of Property	3870	Gravel
Penthouse # 1	Center of Roof	162	Metal Drip Control Pan
Penthouse # 2	Center of Roof (West End)	162	Metal Drip Control Pan
Penthouse # 1	Center of Roof	235	Metal Drip Control Pan
Penthouse # 1	Center of Roof	235	Metal Drip Control Pan
Penthouse # 4	East End of Roof	235	Metal Drip Control Pan
Penthouse # 4	East End of Roof	235	Metal Drip Control Pan
Penthouse # 4	South End of Roof	235	Metal Drip Control Pan
Penthouse # 4	South End of Roof	235	Metal Drip Control Pan
Test Power Mezzanine (Penthouse #5)	Above Facilities (North End)	235	Metal Drip Control Pan
Test Power Mezzanine (Penthouse #5)	Above Facilities (South End)	162	Metal Drip Control Pan
Test Power Mezzanine (Penthouse #5)	Above Facilities (South End)	162	Metal Drip Control Pan
Behind Boiler House	NW End of Property	100	18-inch Gravel Base
MAC Transformer	SE Side of Property	362	Concrete Berms and Gravel
Guard House Emergency Generator	N Side of Guard House	61	Concrete Floor and Curbing
Roof Transformer	Roof - Exit 21 East # 1	410	Concrete Floor and Curbing
Roof Transformer	Roof - Exit 21 East # 2	410	Concrete Floor and Curbing

In 1990, GE retained Westinghouse Electric Corporation (Westinghouse) to sample and analyze the oil from each oil-filled transformer, regulator, and capacitor at the site. The results of this investigation revealed the presence of two PCB-contaminated transformers in the main power substation (Figure 2). The concentrations of PCBs in these transformers was 312 parts per million (ppm) and 238 ppm total PCB content for transformers S/N B530976 and B682261, respectively.

Employee interviews also indicated that there was an incident in either 1990 or 1991 associated with one of the PCB-contaminated transformers identified above. Specifically, employees stated that a valve broke off one of the transformers during a transformer oil sampling event. A small amount (quantity unknown) of oil was released to the ground surface, which consists of a gravel bed (approximately one- to two-feet thick) surrounding the transformer units. In response to this incident, GE initiated cleanup activities, which consisted of removing three drums of impacted or potentially impacted gravel. According to employee interviews and records review, it does not appear that the incident was reported to any federal, state, or local agencies.

6.2 Former Oil Storage Room

GE operated an oil storage room within a facilities building at the site from the 1950s through 1992. This room was used to store drummed oil and equipment, which may have included transformers containing PCB-contaminated oils. In 1991, GE personnel noticed oil stains on the concrete floor. During May 1991, a wipe sampling program was implemented to test for the presence of PCBs. Wipe samples collected from the concrete floor surface along the northern and western walls of the oil storage room indicated levels of PCBs ranging between 0.1 microgram per 100 square centimeters ($\mu g/100\ cm^2$) to 35,000 $\mu g/100\ cm^2$. It is believed that the PCBs measured on the surface of the concrete floor are the result of small spills of transformer fluid from used transformers that were stored in the room after being removed from service at the site. In addition, drums of used transformer fluid containing PCBs were stored in the former oil storage room. Based on conversations with former GE employees, the used transformers and transformer oil may have been stored in the room prior to 1978.

To address potential PCB contamination in the former oil storage room, GE retained consultants/contractors to delineate the extent of contamination and remediate the portions of the concrete floor containing PCB concentrations greater than 10 ppm. Core sampling of the concrete floor was used to determine the contaminated areas and scabbling was used to remove contaminated portions of the floor. Concrete was removed from the surface of the floor in the oil storage room to a minimum depth of 1/2 inch, with the exception of a 10-foot by 10-foot area in the northwestern corner of the room, where the concrete was

removed to a minimum depth of one inch. Dust and debris generated as part of the concrete removal activities were collected and disposed of off site by Laidlaw Environmental Services (LES).

6.3 West Lot Site

As discussed in Section 11.0, the West Lot Site is undeveloped property that is currently being studied for potential remedial action. In 1993, MMC developed and initiated interim remedial measures (IRMs) for the West Lot Site that included excavation of soils known to contain VOCs from within the suspected burn pit area, followed by ex-situ treatment using a soil venting system within a lined treatment cell. Investigations have confirmed the presence of detectable concentrations of VOCs and PCBs in soil and ground water (unfiltered) at the site. On-going activities in connection with these findings are anticipated.

6.4 Test Equipment Owned by the Government

Though not characterized as hazardous waste, five wire wrap assembly (WRA) pulse forming networks are currently being stored in the 90-day hazardous waste storage area. Presently, MMC is awaiting a decision from the government regarding reuse or disposition of this equipment. These units, which are owned by the United States government, were identified as containing PCBs by Saratoga Laboratories and then shipped back to the site. BBL conducted a wipe sampling program on any surfaces that could have been impacted by the WRA in March 1993. This investigation revealed no PCB-impacted surfaces. Currently, all WRA are tested for PCBs prior to use in the facility. The five contaminated units, which are scheduled for disposition, have the following serial numbers: HHA5/255, DQW14/211, DQW11/208, HGN1/260, and NAG/296.

Hazardous Materials

7.0 Hazardous Materials

Historically, hazardous materials at the site have consisted primarily of solvents and alcohols, including: methyl ethyl ketone, isopropyl alcohol, mineral spirits, lacquer thinner, naphtha, and toluene. Until 1983, these materials were stored in USTs located west of the solvent dock (Figure 2). Handling and distribution of these materials was performed on the solvent dock. Two floor drains conveyed any spills or releases that occurred during handling from the solvent dock floor to an underground overflow retention tank. Interviews with MMC personnel revealed that the concrete floor in the solvent dock has been impacted by incidental spills and releases of various sizes over the years. The original floor remains in this area but has never been sampled to determine if it has been impacted by VOCs or metals.

Currently, solvents are stored in 55-gallon drums inside the solvent dock, within secondary containment. The secondary containment consists of a concrete floor with metal diking. The area is self-contained and any spilled/released materials are put into drums and taken to the 90-day hazardous waste storage area. The potential impact to soil and ground water at the site is addressed in Section 11.0 of this report.

Fuel and Waste Oils

8.0 Fuel and Waste Oils

8.1 Petroleum Storage Tanks

Table 1 lists all ASTs and USTs that have been installed at the site. The table lists tank numbers, location, type (AST or UST), contents, capacity, construction, installation date, and removal date (as applicable). As Table 1 reflects, six USTs and seven ASTs have been used for the storage of petroleum at the site. The petroleum ASTs are designated on Table 1 by tank numbers 14, 16, 17, 18, 19, 20, and 21, while the petroleum USTs are designated by tank numbers 1, 2, 3, 11, 12, and 13. (Note: Storage tanks not related to petroleum storage are discussed in other sections of this report.) This section examines the following topics with respect to these 13 tanks:

- Spill prevention, controls, and countermeasures; and
- Any spills or releases to the environment.

8.1.1 Aboveground Storage Tanks

Historically, there have been seven petroleum ASTs on site. Of these, four are still in use (designated by numbers 16, 17, 18, and 19 on Table 1) and three have been removed (designated by numbers 14, 20, and 21 on Table 1).

Tank No.'s 20 and 21 were 75,000-gallon No. 6 fuel oil tanks that were removed between 1979 and 1981. During this ESA, no documentation was located regarding the maintenance, spill containment or controls, or removal of these tanks. Interviews with employees revealed a release from one of these tanks during the mid 1970s. According to these employees, a malfunction in one of the boilers caused the release of a large quantity of No. 6 fuel oil, coating the entire drainage ditch that runs from west to east along the northern property border of the site. Reportedly, the highly viscous No. 6 fuel oil was physically contained and removed from the ditch by facility personnel. No additional information (including NYSDEC Oil and Hazardous Material Spill records) was available concerning this incident.

On April 4, 1994, a spill was reported to NYSDEC associated with a release from a temporary petroleum (diesel) storage tank (see Table 2). This tank was owned by OBG Technical Services, Inc. and was staged in an area near the West Lot Site (discussed in Section 11). Poor housekeeping associated with this tank caused a release of a small (quantity unknown) amount of diesel fuel. Four 55-gallon drums of stained soil were removed from the site in connection with this incident. On April 5, 1994, NYSDEC closed the spill record associated with this incident.

8.1.2 Underground Storage Tanks

Reportedly, no petroleum USTs are currently in place at the site. Historically, there were six petroleum USTs, which are designated on Table 1 by tank numbers 1, 2, 3, 11, 12, and 13.

Tank No.'s 1, 2, 3, and 13 were removed in 1989 following an internal audit by GE. As part of the tank removal, GE removed approximately 150 tons of soil to Mohawk Valley Sanitary Landfill located in Frankfort, New York. A soil investigation in the area of the former location of the tanks was completed by Dunn Geoscience in December 1989. The investigation, which consisted of a photoionization detector (PID) soil headspace analysis at 11 soil test borings, concluded that no further action was warranted. In correspondence dated May 23, 1990, the NYSDEC indicated that it agreed with Dunn Geoscience's assessment.

In November 1991, GE contracted H.R. Beebe Construction (Beebe) to remove two No. 6 fuel oil tanks located north of the Boiler House including a 20,000 gallon UST (tank number 11) and a 400-gallon UST (tank number 12). On November 22, 1991, a spill was reported to NYSDEC associated with petroleum-stained soils near tank number 11 (see Table 2). Approximately 324 cubic yards of contaminated soil were excavated in conjunction with this incident and disposed of at the Model City Landfill located in Niagara Falls, New York. Also, a large volume of water entered the tank excavation from the adjacent drainage ditch as a result of ground-water infiltration and rain. This wastewater was disposed of at an off-site location referred to in an OBG summary document (OBG, January 1992) as "Heritage." The area was backfilled with run-of-crush type backfill. OBG obtained soil samples from the western and eastern ends of the tank excavation. The results of these samples were not located during this ESA; however, MMC employees indicated that the samples exhibited non-detectable levels of Total Petroleum Hydrocarbons (TPHs) and VOCs. Also, the NYSDEC required quarterly ground-water monitoring downgradient of the former tank location for a minimum of one year. Analytical results for these samples indicated all non-detectable concentrations of contaminants with the exception of one TPH sample below 1.0 ppm. On February 3, 1992, NYSDEC closed the spill record associated with this incident.

8.2 Drum Storage

Currently, drummed oil is stored in the oil storage area (Figure 2). This area, which consists of a concrete floor and diking, houses only virgin oils (e.g., hydraulic, lubricating oils). No staining or other evidence of releases were observed during the site walk-through portion of the ESA, and employee interviews did not indicate a history of releases in this area. This area is approximately 3 to 4 years old.

Historically, drummed oil was stored in the former oil storage room (Figure 2). This building, which was built in 1951, also contained old transformers, transformer oil, and bulk chemical drums at various periods. As a result of this storage activity, the concrete floor was contaminated with PCBs, and the soil beneath the northwestern corner of the building was contaminated with chlorobenzene and dichlorobenzenes. The remedial measures taken to mitigate the PCB contamination are outlined in Section 6.2 of this report. A description of the soil excavation activities undertaken to remove contaminated soils from beneath the former oil storage room was prepared by Wehran-New York, Inc. (Wehran, May 1992). The Wehran report concluded that the solvent- and PCB-contaminated soils had been removed to the greatest extent practical, but acknowledged that a limited area of soils containing chlorobenzene, 1,2-dichlorobenzene, and 1,4-dichlorobenzene still existed in the soils beneath the former oil storage room. These soils could not be removed because of structural considerations related to excavating below the level of the building footer.

Miscellaneous Environmental Issues

9.0 Miscellaneous Environmental Issues

9.1 Radiation

Historically, the site has held approximately 10 to 12 specific New York State Department of Labor (NYSDOL) Radioactive Materials Licenses and certificates of Registration of Licensed Radiation Devices for a variety of testing equipment. As of January 17, 1995, all of these specific licenses have been officially cancelled by the NYSDOL. The site currently has five low-level, exempt quantity sources for x-ray- testing machines and operates under the NYSDOL Code Rule 38 General License.

Radiation contamination does not appear to be a concern at the site due to the following reasons:

- According to the Radiation Safety Officer, there has never been a documented radiation contamination incident at the site; and
- To properly dispose and/or transfer radioactive devices included under the General License, a close-out (decontamination) survey will be performed to ensure no releases of radioactivity have occurred, and document the proper disposition of the radioactive device.

9.2 Pesticides

Pesticides have been used at the site since the facility's inception and are currently used on a limited basis. The primary current uses include:

- Weed killer, used in the electrical substation (switch yard) and along certain fence lines;
- Pesticides, used in the bathrooms and cafeterias; and
- Fungicides, used in the cooling towers.

9.3 Lead-Based Paint

Lead-based paint has been identified by MMC facility personnel in Penthouse No. 3 through paint sampling and analysis. Based on the appearance of this paint, the age of the facility, and interviews with MMC personnel, it is likely that this same lead-based paint was used elsewhere in the facility.

9.4 Radon Gas

Based on the review of files and interviews with MMC personnel, a radon gas survey has never been performed in any building at the site.

9.5 Asbestos

In September 1995, an asbestos survey was assembled by Galson Corporation for the French Road facility. In general, the survey identified the quantity, type, and condition of asbestos-containing material (ACM) throughout the facility.

9.6 Oil and Hazardous Material Spill Records

As part of this ESA, NYSDEC spill records were accessed and reviewed. Based on this review, it was confirmed that three previously reported spill incidents are on record with NYSDEC; each of the three spills is considered inactive (i.e., closed) by the NYSDEC. These incidents are summarized on Table 2.

The earliest recorded spill incident was reported on June 13, 1990 and was associated with a release from the Solvent Dock 275-gallon overflow retention tank; this incident is described in Section 11.2.1. The next recorded spill incident was reported on November 22, 1991 and was associated with a release from a 20,000-gallon No. 6 fuel oil UST (tank number 11); this incident is described in Section 8.1.2. The next recorded spill incident was reported on April 4, 1994 and was associated with a release from a contractor-owned diesel fuel storage tank; this incident is described in Section 8.1.1.

9.7 Hydraulic Testing Chamber

Located toward the western side of the facility near Chenango Road is an underground vault, which reportedly served as a hydraulic testing chamber (see Figure 2). The vault is approximately 5 feet in diameter and extends approximately 10 to 12 feet below grade and protrudes 3 to 4 feet above grade. Presently, the vault is filled with water. According to MMC personnel, during the 1950's through the early 1960's, GE produced sonobuoys at the French Road facility. These sonobuoys were routinely tested in this hydraulic testing chamber located at the southwest end of the site (Figure 2). Reportedly, this chamber was not used for any type of chemical or petroleum storage. No analytical data related to this chamber or the water within the chamber was discovered as part of this ESA.

Process Decommissioning

10.0 Process Decommissioning

10.1 Historical Process Decommissioning

10.1.1 MPM Decommissioning

As part of an overall plan to downsize the plating operations at the site in 1991, GE decommissioned the plating room and the dip braze room associated with the Metal Parts Manufacturing (MPM) operations. This project also included some demolition work in Penthouse No.'s 4 and 6. The decommissioning of the plating and dip braze rooms included the following activities:

- Removal of process ductwork, ventilation ductwork, piping, grating, and half height mason walls from the plating and dip braze rooms;
- Decontamination of walls and floors in the plating and dip braze rooms;
- Removal of ductwork and a 10,000-gallon water storage tank from Penthouse No. 6;
- Demolition of concrete pads in Penthouse No. 6;
- Removal of ductwork, fan units, and stacks from Penthouse No. 4.

After the decommissioning activities were completed, wipe sampling of equipment was conducted to ensure surfaces were free of metals contamination prior to off-site disposal. Samples were analyzed for nickel, copper, chromium, and cyanide. Also, bulk and wipe samples were collected from ductwork and drainlines to verify the decontamination process. The decommissioning/sampling activities were conducted by Laidlaw Environmental Services, Inc. Project documentation (i.e., field notes, correspondence, analytical reports, etc.) has been assembled and is currently maintained at the French Road plant.

10.1.2 PWB Decommissioning

From the winter of 1991 through 1992, GE modified its 3,700-square-foot Printed Wire Board (PWB) area into a shipping and receiving area. The project consisted of four tasks:

- Decontamination of equipment;
- Demolition and disposal of tanks, ductwork, and miscellaneous debris;
- Removal of chemical resistant flooring; and
- Decontamination of the room's walls, floors, and ceiling.

During the week of December 16, 1991, various pieces of equipment were decontaminated by Laidlaw. This process consisted of draining equipment reservoirs and piping, and pressure-washing the exterior and visible internal portions of the equipment. Equipment decontamination was verified through visual inspection by GE, and wipe samples were analyzed for RCRA metals, total cyanide, and pH.

During the week of December 26, 1991, tanks, ductwork, and miscellaneous debris were decontaminated, dismantled and disposed of. Decontamination consisted of rinsing these items with a detergent and pressure-washing them. Four 30-yard roll-off containers of debris were generated in conjunction with this decommissioning task.

Once the room was cleared of debris, the chemical-resistant floor was pressure-washed to remove any contaminants. The chemical-resistant floor was then broken up using jackhammers and placed in roll-off containers pending final disposition. The floor under the chemical-resistant floor was left in place. A total of five 20-cubic-yard containers of waste were generated. The final decommissioning step consisted of pressure-washing the room surfaces, including walls, floors, and ceilings.

Project documentation (i.e., field notes, correspondence, analytical reports, etc.) have been assembled and is currently maintained at the French Road plant. No records of verification wipe sampling of floors, walls, or ceilings were located.

10.2 On-going and Future Decommissioning

MMC is currently considering site-wide decommissioning activities and is developing a master schedule for on-going and future actions related to the transfer.

Remediation Projects

11.0 Remediation Projects

11.1 West Lot Site

The West Lot Site, located near the western property boundary of the site, has been maintained as vacant, undeveloped land and has not been actively used as part of the French Road facility manufacturing operations. The location of the site is shown in Figure 2.

The West Lot Site measures approximately 2 acres and is bordered to the east and west by MMC-owned property, to the north by undeveloped lands belonging to the Town of New Hartford, and to the south by the NYSDOT maintenance facility. The primary site feature was an area known as the "burn-pit," which was reportedly used for the disposal and burning of waste materials. The burn pit was approximately 80 feet in diameter and contained non-native fill material to an approximate depth of 12 feet.

The closest physical features related to plant operations near the site are two former aboveground fuel oil storage tanks and a rail spur used to deliver fuel oil. Active and inactive railroad tracks remain on and near the site.

Based on discussions with MMC facility employees, the West Lot Site was used by the facility's fire brigade for fire- fighting training exercises through the early 1970s. Reportedly, waste materials consisting primarily of wooden pallets and construction debris were brought to the site and ignited. The materials were allowed to burn under controlled conditions and subsequently were extinguished by the fire brigade.

In interviews, former GE employees reported that solvents were burned at the West Lot. One employee indicated that this activity occurred in the late 1950s and early 1960s, and that waste oils were also burned. The burn pit area was identified as approximately 20 feet in diameter and located northwest of the west parking lot. In an interview, a former GE employee indicated that in the early 1950s, magnesium was burned at the West Lot Site. Other than the information received in these interviews, internal inquiries and review of file documents have revealed no other information or data regarding the types, quantities, physical state, location, and dates of activity at the West Lot Site.

In 1990, GE initiated a series of investigations at the site which indicated potential impacts to site soils and ground water due to the presence of VOCs. Due to the presence of the VOCs identified during these initial investigations, the site is currently listed as a Class 2 site on the NYS Registry of Inactive Hazardous Waste Disposal Sites (Site No. 633036).

In 1993, MMC developed and initiated an IRM for the site that included excavation of soils known to contain VOCs around the suspected burn pit area, followed by ex-situ treatment using a soil venting system within a lined treatment cell.

On December 15, 1993, MMC entered into an Order On Consent (Index No. A6-0311-93-11) with the NYSDEC for the site, which required the development and execution of a Remedial Investigation/Feasibility Study (RI/FS). MMC conducted the RI which included a qualitative Human Health Risk Assessment (RA) and an Ecological RA (i.e., a Fish and Wildlife Impact Analysis [FWIA]) during 1994 and 1995, in accordance with the Order on Consent and the NYSDEC-approved *Remedial Investigation/Feasibility Study Work Plan, West Lot Site* (BBL, May 1994).

The overall objective of the RI was to provide data to assess site conditions, determine potential risks associated with those site conditions, provide data for preparation of a FS and, if necessary, identify further IRMs that could be implemented at the site. Based on this overall RI objective, the following specific objectives were established for the RI:

- To determine the nature and extent of chemical constituents in environmental media (i.e., soils and ground water) at the site;
- To provide data for the completion of a baseline RA that would evaluate risks (if any) posed by chemical constituents identified at the site;
- To determine the need for IRMs to address existing conditions at the site; and
- To provide data for preparation of a FS to determine appropriate remedial actions for implementation at the site.

To meet the RI objectives, MMC completed soil and ground-water investigations at the site and completed limited ground-water investigations on two adjacent properties known as the NYSDOT property and the 10-acre parcel. As part of the Phase II Ground-Water Studies, MMC also performed solute-transport modeling of the site ground water to estimate the potential extent of the plume of dissolved VOCs.

The RI Report (submitted by MMC to NYSDEC on August 22, 1995) made the following conclusions regarding the site soils and ground water, based on the findings of the RI, FWIA, and RA:

- VOCs have been identified in the unsaturated soils up to a total concentration of 0.163 ppm. None of the VOCs identified in the unsaturated soil samples were detected at levels exceeding NYSDEC Technical and Administrative Guidance Memorandum #4046: "Determination of Soil Cleanup Objectives and Cleanup Levels."

- The human health RA has concluded that there are no known exposures to the chemicals identified in the subsurface soils at the site. The human health RA recognizes that workers involved in excavation of soils at the site would potentially be exposed for a short duration to low levels of VOCs; however, risks associated with such exposures would be negligible.
- The FWIA has concluded that there are no apparent pathways of exposure to wildlife or resources from the chemicals identified in the subsurface soils at the site.
- VOCs have been identified in ground-water samples collected at the site up to a total concentration of 83,600 parts per billion (ppb). The individual concentrations of vinyl chloride; 1,2-dichlorethene (1,2-DCE); 1,1,1-trichloroethane; trichloroethane; tetrachloroethane; toluene; ethylbenzene; and xylenes exceed NYS Ambient Water Quality Standards and Guidance Values for ground water at one or more of the sampled locations.
- PCBs have been identified in one ground-water sample collected from the alleged "burn pit" area of the site. The identified concentration of PCBs (estimated concentration of 0.7 ppb) exceeds NYS Ambient Water Quality Standards and Guidance Values for ground water.
- Ground-water modeling conducted to predict the extent of the VOC-impacted ground water (based on 1,2-DCE concentrations) has determined that the VOC plume, sourced at the site, may extend onto the NYSDOT property to a location approximately 600 feet downgradient of the site.
- One VOC (1,2-DCE) has been identified in a ground-water sample collected from the adjacent NYSDOT property at a concentration of 28 ppb. The presence of 1,2-DCE at MW-1 on the NYSDOT property may be due to the site's former use as the Town of New Hartford Dump.
- A ground-water sample collected on the NYSDOT property adjacent to Sauquoit Creek (i.e., MW-7) did not contain VOCs, indicating that VOC-impacted ground water does not extend to or discharge at the creek.
- The RA concluded that there are presently no exposure pathways associated with the chemicals identified in the ground water and, hence, no risks associated with the ground water under current exposure scenarios. However, the RA recognizes that carcinogenic and non-carcinogenic risks to human health would be elevated in the unlikely event that someone were to drink shallow ground water containing the chemicals in concentrations currently on site.

Recently, the soils in this ex-situ treatment system described above were sampled and analyzed for PCBs. The sample results indicated the presence of detectable concentrations of PCBs in the soil. On-going activities in connection with these findings are anticipated, including evaluating alternatives to address PCBs.

The following is a chronological listing of previous reports prepared in connection with environmental conditions at the West Lot Site:

Title: *Soil Gas Investigation, GE, French Road Site, City of Utica Area*
Author: Dunn Geoscience Corporation
Date: April 12, 1990
Subject: Description of soil gas survey.

Title: *Site Assessment, GE, West Lot, French Road Facility, Utica, New York*
Author: OBG
Date: May 1991
Subject: Soil and ground-water investigation.

Title: *Focused Remedial Investigation, GE, West Lot Site, GE, Utica, New York*
Author: OBG
Date: July 1992
Subject: Soil and ground-water investigation.

Title: *French Road Facility, Hydrogeological Investigation*
Author: ERM-Northeast
Date: October 23, 1992
Subject: Aquifer yield characteristics.

Title: *West Lot Site, Additional Investigations*
Author: OBG
Date: April 15, 1993
Subject: Additional ground-water sampling.

Title: *Work Plan - Interim Remedial Measure, West Lot Site, MMC, Utica, New York*
Author: OBG
Date: September 1993
Subject: Ex-situ soil venting system.

Title: *Historical Data Summary, West Lot Site, NYSDEC Site No. 633036, MMC, Utica, New York*
Author: BBL
Date: March 1994
Subject: Summary of available information regarding persons responsible for disposal of hazardous wastes on site, and a list and copies of all relevant reports pertaining to the site.

Title: *Remedial Investigation/Feasibility Study Work Plan, West Lot Site, NYSDEC Site No. 633036, MMC, Utica, New York*
Author: BBL
Date: March 1994, revised May 1994
Subject: Assessment of site conditions, determination of potential risks, data for preparation of a FS, and identification of IRMs.

Title: *Remedial Investigation Report, West Lot Site, NYSDEC Site No. 633036, MMC, Utica, New York*
Author: BBL
Date: August 1995
Subject: Assessment of site conditions, determination of potential risks, data for preparation of a FS, and identification of IRMs.

these soils (approximately five cubic yards) were segregated for disposal. Upon removal from the excavation, the overflow retention tank was observed as dented and leaking fluid. On June 14, 1990, NYSDEC closed the spill record associated with this incident. Due to the presence of organic vapors detected during the removal of this tank, GE completed a series of investigations to evaluate potential soil and ground-water impacts resulting from releases from the former solvent tanks.

An investigation of the former tank location conducted in August 1991 (OBG, 1991) revealed impacts to both shallow soil and ground water.

In September 1991, on behalf of GE, OHM Remediation Services installed four shallow soil borings to depths between 6 and 17 feet in the area immediately east of the former overflow retention tank location. One ground-water monitoring well was also installed at the location of the deepest boring. Consistent with the potential historical content of the overflow retention tank (solvents and alcohols), soil and ground-water samples obtained during this investigation contained detectable VOCs (principally chloroethene and toluene), as well as methanol and isopropyl alcohol.

In December 1991, further investigations were performed to assess shallow soil and ground-water quality in the general vicinity of the former overflow retention tank. This investigation identified localized soil and ground-water contamination in the former tank area. In addition, the extent of contamination in the suspected downgradient location was not fully defined, due to the presence of the adjacent facility. The detected contaminants were consistent with potential historical contents of the overflow retention tank (organic solvents and alcohols). These solvent dock area investigations included the installation of soil borings and monitoring wells, as well as the collection and analysis of soil and ground-water samples. The results of these investigations indicated that ground water at and downgradient of the solvent dock area has been impacted with VOCs at concentrations exceeding NYS Ambient Water Quality Standards and Guidance Values, including: 1,2-dichloroethene (1,2-DCE); vinyl chloride (VC); 1,1,1-trichloroethane (TCA); 1,1-dichloroethane (1,1-DCA); trichloroethane (TCE); tetrachloroethane (PCE); and chloroethene.

Subsequent investigation activities performed in 1992 and 1993 by OBG confirmed the presence of VOCs in an area west of the solvent dock area extending to the northeastern corner of the main plant building. Further, the OBG summary report (OBG, December 1991) concluded that the presence of VOCs detected beneath the former plating room is related to ground-water VOC impacts at the solvent dock area.

In February 1993, additional monitoring wells were installed by OBG around the eastern end of the building. The total VOC concentrations in the ground-water samples obtained from these wells

ranged from non-detected at the wells furthest downgradient from the solvent dock area, to approximately 1600 ppb at a well installed near the location of the former solvent USTs (west of the solvent dock area).

In June and July 1993, OBG installed several additional borings to evaluate the presence or absence of non-aqueous phase liquid (NAPL) in the subsurface near the location of the former overflow retention tank. These borings were advanced to depths generally ranging from approximately 15 to 30 feet. Four borings, attempted at the former solvent tank location west of the solvent dock area were completed only 2 feet below grade due to the presence of a slab of reinforced concrete in that area. Soil descriptions, field screening results, and laboratory analysis of soil samples obtained from these borings indicate that NAPL was not encountered at either of the two areas.

In November 1994, BBL performed ground-water sampling near the solvent dock, which confirmed previous sampling results from the area. Several chlorinated hydrocarbons were detected in the ground-water samples obtained on November 29, 1994, including:

- cis-1,2-DCE (up to 940 ppb);
- VC (up to 490 ppb);
- 1,1-DCA (up to 97 ppb);
- PCE (up to 34 ppb);
- chloroethene (up to 33 ppb);
- TCE (2 ppb); and
- TCA (1 ppb).

In the immediate vicinity of the solvent dock area, the total combined concentration of VOCs ranged from a low of 53 ppb to a high of 1,500 ppb. At the wells located peripheral to the solvent dock area, VOCs were not detected or present in low concentrations near the detection limits on November 29, 1994. The lack of detectable VOCs at or near upgradient wells delineated the distribution of VOCs north of the solvent dock area, and supported the interpretation that VOCs in ground water at the solvent dock area are migrating to the east-southeast under the building. A memorandum from BBL to MMC dated February 9, 1995 details the results of this sampling activity.

11.2.2 PWB and MPM Drainlines

It was determined through interviews with MMC personnel that, prior to the construction of the WWT facility in 1969, drainlines from the PWB area and MPM plating area conveyed process wastewater into the sanitary sewer. Reportedly, a portion of these wastewaters were pretreated in the

PWB and MPM areas prior to discharge through these drainlines. Subsequent to the construction of the WWT facility, these drainlines conveyed the wastewater to the WWT facility for pH neutralization prior to discharge into the sanitary sewer. It was revealed during employee interviews that at the time of the removal, it was noted that these drainlines were in a very "deteriorated" condition and that soils were discolored in the vicinity of the former drainlines.

11.2.3 Hazardous Waste USTs Investigation

Two 1,000-gallon USTs are included on an application for a RCRA permit application. Page 1 of 5 in Part III of Form 3 of this application (Process Design Capacity) has a line item for 2,000-gallon storage tank capacity, and page 3A of 5 in Part IV (Description of Hazardous Wastes) lists the tank's annual quantity of waste as 14,000 pounds of USEPA code D001 (ignitable) waste. These two tanks were located at the southeastern corner of the main building. The area is currently occupied by the drafting building addition, which was constructed in 1982. The tanks are depicted as Tank No.'s 22 and 23 on Table 1, and are discussed in more detail in Section 5.1.1.2 of this report.

Although the soil in the former location of these two tanks has never been sampled, in August 1992, OBG installed a soil boring at the southeastern corner of the building to assess the potential impact from these tanks. The samples obtained in conjunction with this boring indicated that shallow ground water in the vicinity of the two former hazardous waste USTs had been impacted by VOCs (OBG, October 1992). However, no VOCs have been detected in ground water at downgradient monitoring locations.

11.2.4 Storm Sewer Sampling and Analysis Program

The storm sewer sampling program was performed in April 1994 to determine where VOCs were entering the storm sewer system. The sampling program included the collection and analysis of storm sewer samples at the influent to MH-7, at the two inlets to MH-8 and at the two inlets to MH-9. The results of this investigation determined that VOCs (primarily TCE and PCE) were present in the storm sewer system at the following sample locations, depicted on Figure 3:

- MH-7A, which collects water from a drainage ditch located at the north perimeter of the site;
- MH-8A, which conveys both non-contact cooling water from the main building and storm water collected in roof drains on the main buildings;
- MH-8B, which is downgradient of MH-7 (prior to converging with flow from MH-8A); and
- MH-9B, which is downgradient from MH-8.

These results indicate that VOCs were introduced to the storm sewer system at both MH-7 and MH-8. During this sampling program, no VOCs were being introduced to MH-9 from the storm sewer piping located south of the main building.

The impacted ground water is entering select portions of the site's storm sewer system and ultimately discharging at the facility's SPDES compliance point (i.e., Outfall No. 001). MMC maintains all plans, analytical results, and documentation concerning this storm sewer sampling and analysis program.

11.2.5 Storm Sewer Investigation

In late 1994 and early 1995, MMC conducted a comprehensive storm sewer investigation. The objectives of this investigation were to 1) determine the source of VOCs in the storm sewer; and 2) outline efforts to comply with the proposed SPDES-required discharge limitations for VOCs. The results of the storm sewer investigation and the subsequent engineering evaluation were presented in a report entitled *Storm Sewer Investigation* (BBL, May 1995).

Based on the results of the storm sewer investigation, it was concluded that VOCs previously detected in samples obtained at the facility SPDES outfall are attributable to the following sources:

- The discharge of VOC-impacted ground water into the drainage ditch located near the northern perimeter of the facility; and
- The infiltration of VOC-impacted ground water into the 24-inch-diameter storm sewer that extends beneath the main building.

It was further concluded that the infiltration of VOC-impacted ground water into the storm sewer had caused exceedances of the original SPDES action levels for PCE and TCE. Specifically, based on the August 1, 1994 SPDES discharge permit, effluent limitations for PCE and TCE were one and 11 ppb, respectively. The modified SPDES permit, effective July 31, 1995, established action levels only at 15 ppb for both PCE and TCE.

Subsurface investigations near the maintenance storage buildings located adjacent to the drainage ditch confirmed the presence of VOC-impacted ground water. It was further confirmed that the impacted ground water discharging to the drainage ditch was hydraulically isolated (due to a hydraulic divide) from the facility's overall ground-water flow. The presence of VOCs at this location is likely related to the past storage of solvents near the maintenance storage buildings.

Subsurface investigations also identified two potential sources of the VOC-impacted ground water that appears to be infiltrating the 24-inch-diameter sewer lateral that extends beneath the main building. Based on detectable concentrations obtained from dry weather flow samples in this section of storm sewer, the 24-inch-diameter lateral appears to be acting as a localized ground-water drain capturing some portion of VOC-impacted ground water from the solvent dock area. Furthermore, the presence of VOCs in this area was suggested by the elevated concentration of PCE detected in a ground-water sample collected from a piezometer installed within the main building downgradient of both the solvent dock and storm sewer. Ground-water hydraulics beneath the main building in the area of the 24-inch sewer lateral indicated the VOC-impacted ground water identified south of the sewer is being controlled by and potentially infiltrating into the storm sewer.

The *Storm Sewer Investigation* (BBL, May 1995) report recommended that the impacted portion of the storm sewer flow be collected, treated, and discharged to meet the proposed VOC effluent limitations.

11.2.6 On-going and Planned Remedial Measures

MMC met with the NYSDEC on May 25, 1995 to discuss the results, conclusions, and recommendations presented in the *Storm Sewer Investigation* (BBL, May 1995) report. During this meeting, the NYSDEC indicated that directly addressing the source of the VOCs (i.e., ground-water impacts) would be preferable to treating the VOC-impacted storm sewer flow.

In August 1995, MMC began to evaluate remedial alternatives to address the source of VOCs entering the storm sewer system. The results of this evaluation, as well as a technical and economic evaluation of remedial alternatives to address VOC-impacted ground water and meet the revised SPDES discharge limitations for VOCs, were presented in a *Storm Sewer Basis of Design Report* (BBL, August 1995). Based on that evaluation, the following remedial efforts are planned to address VOC-impacted ground water:

- Installation of new storm sewer drain pipe and passive ground-water collection along the northern perimeter ditch;
- Active ground-water collection at the solvent dock area;
- Combined ground-water treatment system using air stripping technology; and
- Discharge of treated water to storm sewer owned and operated by Oneida County.

MMC recently initiated design-related investigations and remedial design activities to implement the recommended remedial efforts described above. These design-related investigations and activities included:

- A storm sewer video investigation of the existing storm sewer from MH-8, upstream through Catch Basin No. 1 (CB-1) to a point approximately 215 feet upstream of CB-1 under the existing building. The purpose of this video investigation was to record the general condition of the storm sewer, the number and location of connecting sewer laterals, and potentially identify ground-water infiltration areas.
- A soil sampling and analysis program at the eastern and western ends of the maintenance building. The goal of this program was to determine if unsaturated soils at those locations may be acting as a potential source of ground-water impacts to the drainage ditch.
- Remedial design activities, as discussed in the *Storm Sewer Basis of Design Report* (BBL, August 1995). These activities include storm sewer design and ground-water collection and treatment facility design.

The forementioned storm sewer video inspection and soil sampling program have been completed. The storm sewer video inspection revealed that ground-water infiltration into the storm sewer system is likely during periods of high ground water. This conclusion supports the conclusions made during previous storm sewer investigations that VOC-impacted ground water is infiltrating the storm sewer system.

The soil sampling and analysis program showed random occurrences of various VOC compounds but did not clearly identify a distinct, high-level VOC source location. Due to these findings and an indication of natural attenuation, it was recommended that no additional soil removal be performed at this time. The completion of remedial design activities are scheduled for mid-October 1995, with implementation of remedial measures occurring in early 1996.

Recommended Phase II Activities

12.0 Recommended Phase II Activities

As a result of the ESA presented herein, the following Phase II activities are recommended:

1. Assess and decontaminate air emission point sources and process-related ductwork. This should include known historical air emission point sources no longer in service.

2. As air emission point sources are taken out of service and decontaminated, terminate associated air permits.

3. Develop and implement a limited sampling program associated with the following areas:

   a. PCB transformer location (near reported release site);
   b. Solvent dock floor surfaces;
   c. Drainage ditch in and around area of No. 6 fuel oil release; and
   d. Former USTs 22 and 23.

4. Identify equipment decontamination needs consistent with the future use and/or disposition of the equipment.

5. Proceed with on-going remediation programs including:

   a. West Lot Site; and
   b. Solvent dock/storm sewers.

6. Develop and implement program to abate damaged, accessible asbestos-containing material with high or moderate potential for disturbance.

7. Conduct a close-out survey for all radioactive devices included under NYSDOL Code Rule 38 General License.

8. Collect and analyze water sample from the hydraulic testing chamber.

Tables

TABLE 1
TANK HISTORY CHART

TANK #	LOCATION	TYPE	CONTENTS	CAPACITY (gallons)	CONSTRUCTION	INSTALLED	REMOVED
1	Mn Guard Hs	UST	Diesel Fuel	3,000	Steel/Cathodic	06/83	11/89
2	Mn Guard Hs	UST	Unleaded Gas	3,000	Steel/Cathodic	06/83	11/89
3	Mn Guard Hs	UST	Leaded Gas	3,000	Steel/Cathodic	06/83	11/89
4	OS Exit 14	UST	1500Thinner	120	Steel	1951	06/80
5	OS Exit 14	UST	1513Thinner	120	Steel	1951	06/80
6	OS Exit 14	UST	Spare (MT)	120	Steel	1951	06/80
7	OS Exit 14	UST	MEK	120	Steel	1951	06/80
8	OS Exit 14	UST	Naphtha	120	Steel	1951	06/80
9	OS Exit 14	UST	IPA	120	Steel	1951	06/80
10	OS Exit 14	UST	Acetone	120	Steel	1951	06/80
11	Boiler Hs	UST	#6 Fuel Oil	20,000	Steel w/Coating	04/52	11/91
12	Boiler Hs	UST	#6 Fuel Oil	400	Steel w/Coating	04/52	11/91
13	Mn Guard Hs	UST	#2 Fuel Oil	2,000	Steel w/Coating	04/52	11/89
14	Mn Guard Hs	AST	Kerosene	275	Steel	06/82	11/89
15	Wste Treatmt	AST	Sodium Hyd	800	Plastic	11/89	IN USE
16	Boiler Hs	AST	#1 Fuel Oil	20,000	Steel	08/92	IN USE
17	Mn Guard Hs	AST	Gasoline	61	Steel	06/78	IN USE
18	OS Exit 21	AST	#2 Fuel Oil	210	Steel	05/90	IN USE
19	MAC	AST	#2 Fuel Oil	411	Steel	08/88	IN USE
20	NW Port. of Site	AST	#6 Fuel Oil	75,000	Steel	1951	79-81
21	NW Port. of Site	AST	#6 Fuel Oil	75,000	Steel	1951	79-81
22	DCAA Office	UST	Wst Cool Pt Sl.	1,000	Steel	1951	79-81
23	DCAA Office	UST	Wst Chl. Solv.	1,000	Steel	1951	79-81
24	Solvent Dock	AST	Wst Solv.	1,000	FRP	1982	1990
25	Wste Wat Tmt	AST	15% Sod. Hyd.	3,000	FRP	1969	1990
26	Wste Wat Tmt	AST	50% Sod. Hyd.	5,000	FRP	1969	1990
27	Wste Wat Tmt	UST	Wastewater	1,294	Concrete	1969	IN USE
28	Wste Wat Tmt	UST	Wastewater	3,319	Concrete	1969	IN USE
29	Wste Wat Tmt	UST	Wastewater	2,306	Concrete	1969	IN USE
30	Wste Wat Tmt	UST	Wastewater	1,856	Concrete	1969	IN USE
31	Wste Wat Tmt	UST	Wastewater	Unknown	Steel	1969	IN USE
32	OS Exit 14	UST	Virgin Solvent	500	Steel	1980	1989
33	OS Exit 14	UST	Virgin Solvent	500	Steel	1980	1989
34	OS Exit 14	UST	Virgin Solvent	500	Steel	1980	1989
35	OS Exit 14	UST	Virgin Solvent	500	Steel	1980	1989

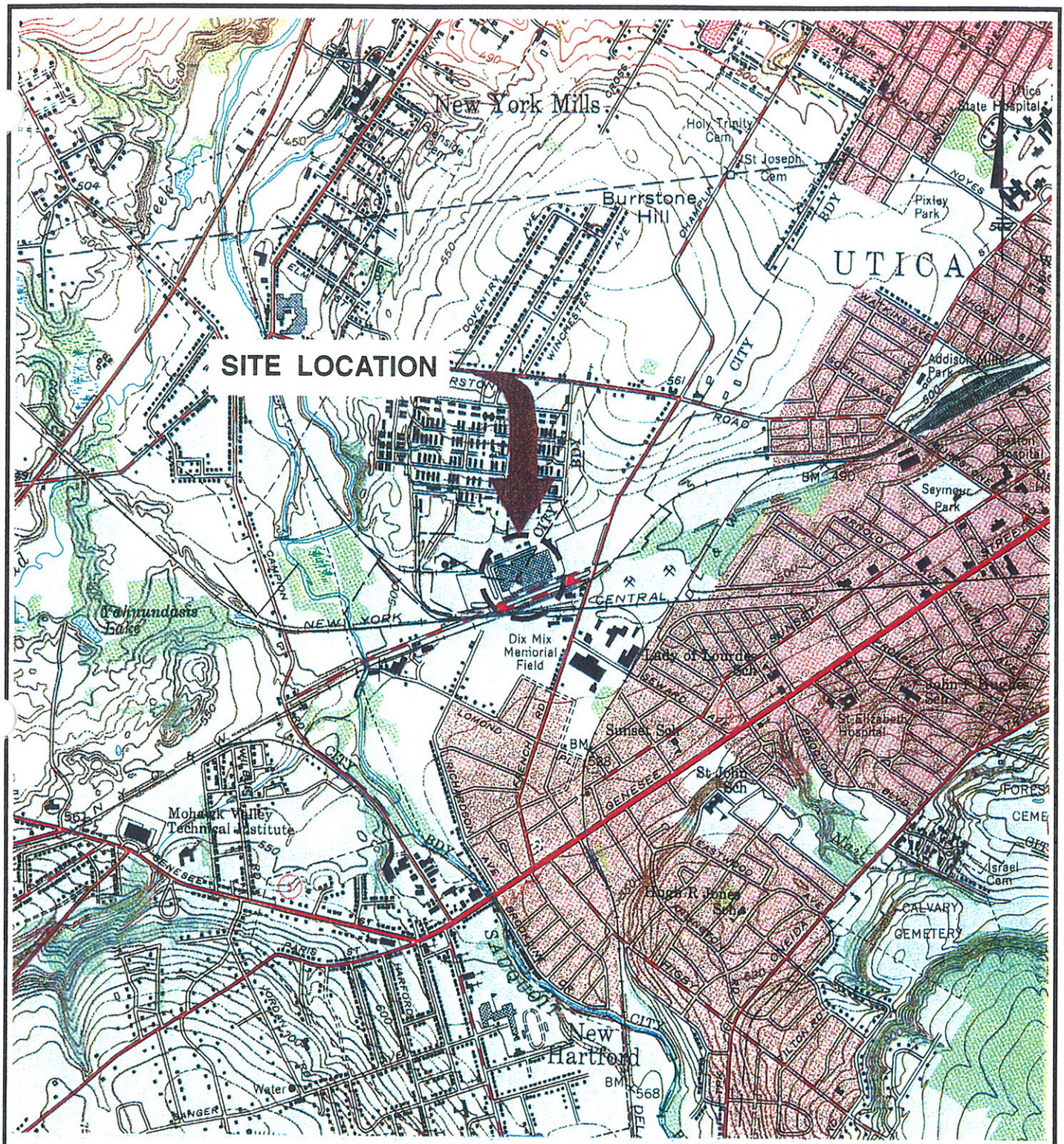
Notes:
AST = Aboveground Storage Tank
UST = Underground Storage Tank
Sod Hyd = Sodium Hydroxide Solution
FRP = Fiberglass – Reinforced Plastic
OS = Outside
Cathodic = Cathodic Protection
MEK = Methlethyl Ketone
IPA = Isopropyl Alcohol
Wst Cool. Pt. Sl. = Soluble coolant oil and paint sludges
Wst. Chl. Solv. = Waste Chlorinated Solvents
MAC = Material Acquisition Center
Mn Guard Hs = Main Guard House
Wste Wat Tmt = Waste Water Treatment

TABLE 2

NYSDEC Oil and Hazardous Material Spill Records

Date	NYSDEC Spill Number	Description	Action	Date Closed
6/13/90	9002958	During removal of a 275-gallon solvent overflow retention tank, evidence of a past release (quantity unknown) was encountered.	Excavated Stained Soil (5 cubic yards)	6/14/90
11/22/91	9109210	During removal of a 20,000-gallon No. 6 fuel oil tank (Tank 11), evidence of a past release (quantity unknown) was encountered.	Excavated Stained Soil (324 cubic yards)	2/3/92
4/4/94	9400123	Poor housekeeping associated with a contractor-owned temporary diesel storage tank caused localized staining of surficial soils (quantity unknown).	Excavated Stained Soil (4 drums)	4/5/94

Figures



REFERENCE: UTICA WEST, N.Y. USGS QUAD. 1955

2000' 0 2000'

APPROX. SCALE: 1" = 2000'

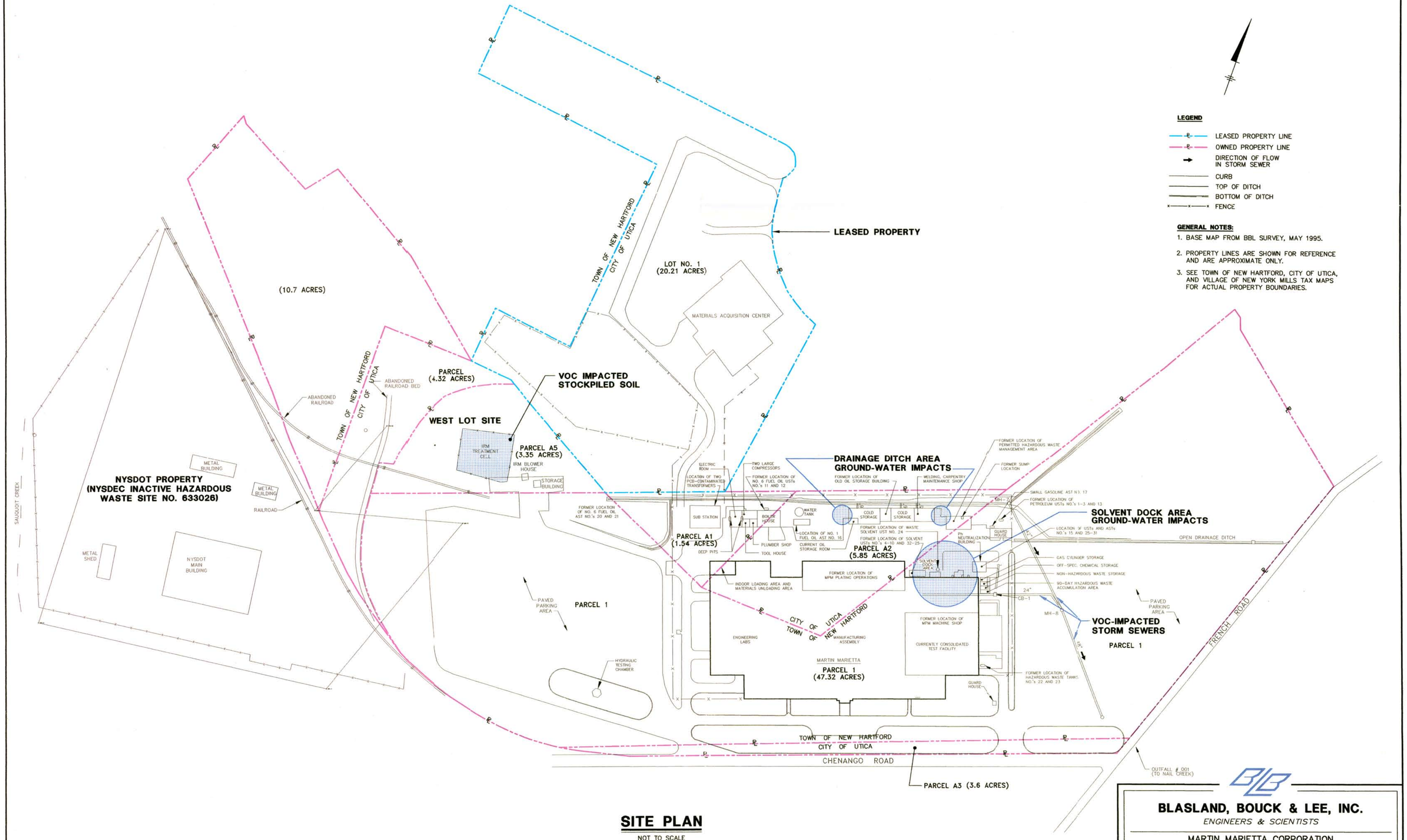
BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

MARTIN MARIETTA CORPORATION
FRENCH ROAD FACILITY
UTICA, NEW YORK
PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

SITE LOCATION MAP

FIGURE 1

10/95 D54-JVM
38068001/38068N02.CDR



SITE PLAN

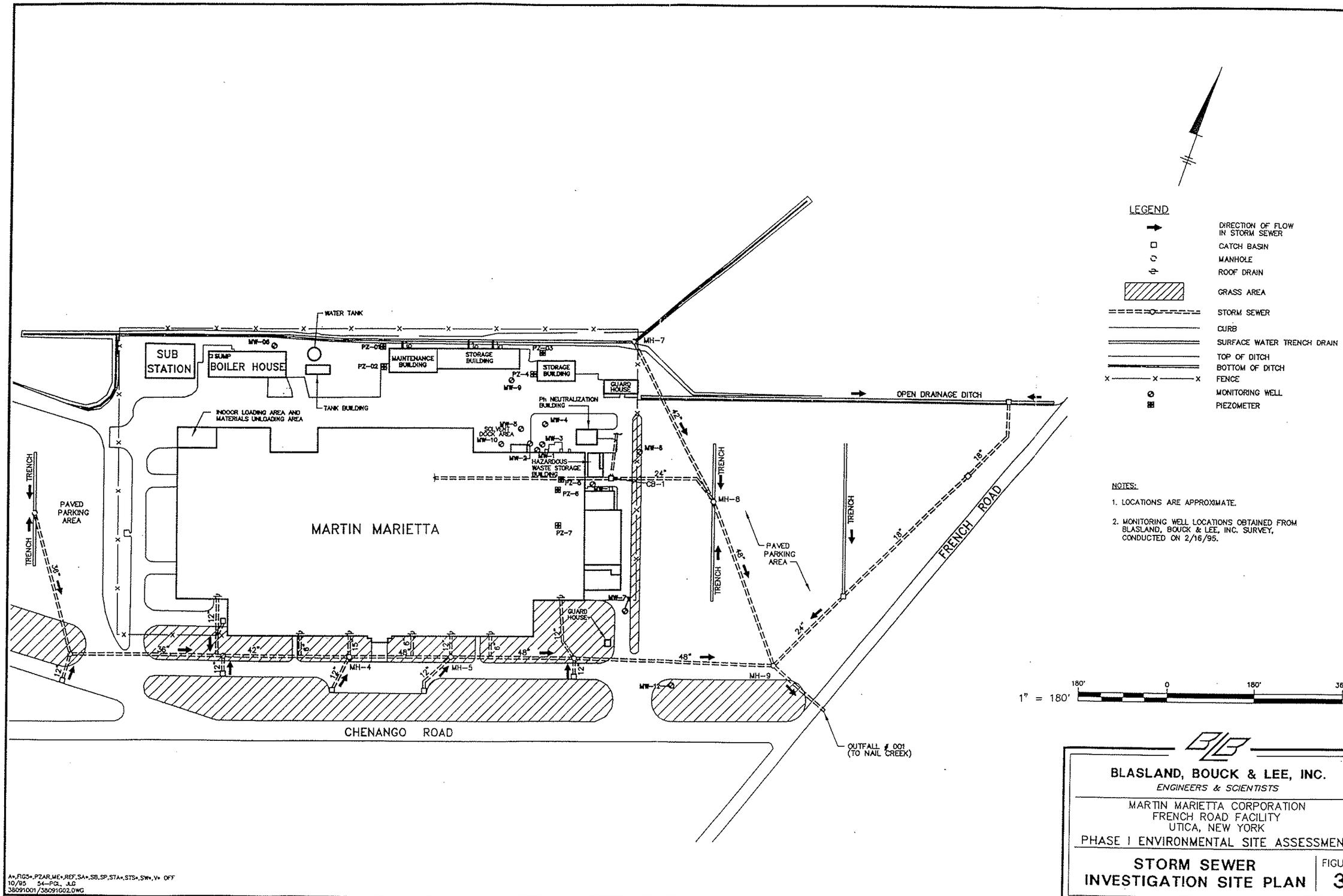
NOT TO SCALE

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

MARTIN MARIETTA CORPORATION
FRENCH ROAD FACILITY
UTICA, NEW YORK
PHASE I ENVIRONMENTAL SITE ASSESSMENT

SITE PLAN — FIGURE **2**

OPTIONAL L: OR X:
10/95 54-JLG
38091001/38091G01.DWG



A=,FIGS=,PZAR,ME=,REF,SA=,SB,SP,STA=,STS=,SW=,V= OFF
10/95 54-PGL JLG
38091001/38091G02.DWG

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

MARTIN MARIETTA CORPORATION
FRENCH ROAD FACILITY
UTICA, NEW YORK
PHASE I ENVIRONMENTAL SITE ASSESSMENT

STORM SEWER INVESTIGATION SITE PLAN

FIGURE 3

Appendices

Appendix A

Environmental Risk Information & Imaging Services Report

PERTAINING TO:
LOCKHEED MARTIN
525 FRENCH ROAD
UTICA, NY 13502

REPORT NUMBER:
44126A

PREPARED ON:
09/11/1995

ON BEHALF OF:
Blasland, Bouck & Lee
6723 Towpath Road
Syracuse, NY 13214

If you have any questions or comments regarding this report, please contact ERIIS Customer Service at 1-800-989-0403, locally at 703-834-0600, or fax us at 703-834-0606. Thank you for your order.

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ERIIS REPORT OVERVIEW

The following features are available for an ERIIS report:

* Database Report
    * Statistical Profile
    * Database Records
* Related Maps
    * Digital Custom Plotted Map
    * Sanborn Fire Insurance Map(s)
    * Topographical Map(s)

Statistical Profile

The statistical profile is an at-a-glance numeric summary of the databases searched for your ERIIS Report.

Database Records

The detailed federal and state database information indicates potential and actual environmental threats within the study radius. These records are sorted by their distance from the study site.

Digital Custom Map

The digital custom map is cross referenced with the database records. The cross-in-circle in the center of the map represents the study site. The red circles represent distances from the study site. The plottable sites in the report are distinguished on the map by symbols of different shape and color.

Historic Fire Insurance Maps

The ERIIS collection of historical Sanborn Fire Insurance Maps covers 14,000 cities and towns. These maps may indicate prior use of the study site. If no maps are available for the study site, a notice to that effect is included. This notice should serve as evidence of due diligence.

Topographical Map

USGS topographical maps show natural and man-made features as well as the shape and elevation of the terrain. The 7.5 minute quad maps are produced at a scale of 1:24,000, or one inch represents 2,000 feet.

If you have any questions about this report,
please contact ERIIS Customer Service at 1-800-989-0403

ERIIS ASTM STATISTICAL PROFILE
State: NY

ERIIS Report #44126A

Sep 8, 1995

Site: LOCKHEED MARTIN
525 FRENCH ROAD
UTICA, NY 13502

Latitude: 43.089783
Longitude: -75.278237

Database	Radius (Mi)	Property	Property-1/4	1/4-1/2	1/2-1	>1	TOTAL
NPL	1		0	0	0		0
RCRIS_TS	1		0	0	0		0
CERCLIS	.5		0	1			1
NFRAP	.5		0	0			0
RCRIS_LG	.25		0				0
RCRIS_SG	.25		0				0
ERNS	.05		0				0
HWS	1		0	1	0		1
LRST	.5		0	0			0
SWF	.5		0	0			0
CBS	.25	X	1				1
MOSF	.25		0				0
PBS	.25	X	2				2
			3	2	0	0	5

Radon Zone Level: 2

Zone 2 has a predicted average indoor screening level > = 2 pCi/L and < = 4 pCi/L

A Radon Zone should not be used to determine if individual homes need to be tested for radon. The EPA's Office of Radiation and Indoor Air (202/233-9320) recommends that all homes be tested for radon, regardless of geographic location or the zone designation in which the property is located. .

A property is defined as a .05 mile buffer around the site's latitude and longitude.

A blank radius count indicates that the database was not searched by this radius per client instructions.

NR in a radius count indicates that the database cannot be reported by this search criteria due to insufficient and/or inaccurate addresses reported by a federal/state agency.

NPL
e of Data: 04/30/1995
ase Date: 06/05/1995
Environmental Protection Agency
Office Of Solid Waste And Emergency Response
703/603-8881

National Priorities List

The NPL Report, Also Known As The Superfund List, Is An EPA Listing Of Uncontrolled Or Abandoned Hazardous Waste Sites. The List Is Primarily Based Upon A Score Which The Site Receives From The EPA's Hazardous Ranking System. These Sites Are Targeted For Possible Long-Term Remedial Action Under The Superfund Act.

RCRIS_TS
Date of Data: 11/01/1994
Release Date: 01/31/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
202/260-2603

Resource Conservation And Recovery Information System - Treatment, Storage, And Disposal Facilities

The RCRIS_TS Report Contains Information Pertaining To Facilities Which Either Treat, Store, Or Dispose Of Hazardous Waste. Information Pertaining To The Status Of Facilities Tracked By The RCRA Administrative Action Tracking System (RAATS 3/03/95) Is Included In The RCRIS_TS Report.

CERCLIS
Date of Data: 04/30/1995
Release Date: 06/05/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
703/603-8730

Comprehensive Environmental Response, Compensation, And Liability Information System

The CERCLIS Database Is A Comprehensive Listing Of Known Or Suspected Uncontrolled Or Abandoned Hazardous Waste Sites. These Sites Have Either Been Investigated, Or Are Currently Under Investigation By The Federal EPA For The Release, Or Threatened Release Of Hazardous Substances. Once A Site Is Placed In CERCLIS, It May Be Subjected To Several Levels Of Review And Evaluation And Ultimately Placed On The National Priorities List. As Of February 1995, CERCLIS Sites Designated "No Further Remedial Action Planned" (NFRAP) Have Been Removed From The CERCLIS Database.

NFRAP
Date of Data: 02/28/1995
Release Date: 04/07/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
703/603-8881

No Further Remedial Action Planned Sites

The No Further Remedial Action Planned Report (NFRAP) Contains Information Pertaining To Sites Which Have Been Removed From The Federal EPA's CERCLIS Database. NFRAP Sites May Be Sites Where, Following An Initial Investigation, No Contamination Was Found, Contamination Was Removed Quickly Without Need For The Site To Be Placed On The NPL, Or The Contamination Was Not Serious Enough To Require Federal Superfund Action Or NPL Consideration.

IIS_LG
te of Data: 11/01/1994
elease Date: 01/31/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
202/260-2603

Resource Conservation And Recovery Information System - Large Quantity Generators

The RCRIS_LG Report Contains Information Pertaining To Facilities Which Either Generate More Than 1000kg Of Hazardous Waste Per Month Or Meet Other Applicable Requirements Of The Resource Conservation And Recovery Act. Information Pertaining To The Status Of Facilities Tracked By The RCRA Administrative Action Tracking System (RAATS 3/03/95) Is Included In The RCRIS_LG Report.

RCRIS_SG
Date of Data: 11/01/1994
Release Date: 01/31/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
202/260-2603

Resource Conservation And Recovery Information System - Small Quantity Generators

The RCRIS_SG Report Contains Information Pertaining To Facilities Which Either Generate Between 100kg And 1000kg Of Hazardous Waste Per Month Or Meet Other Applicable Requirements Of The Resource Conservation And Recovery Act. Information Pertaining To The Status Of Facilities Tracked By The RCRA Administrative Action Tracking System (RAATS 3/03/95) Is Included In The RCRIS_SG Report.

ERNS
Date of Data: 07/14/1994
Release Date: 12/06/1994
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
202/260-2342

Emergency Response Notification System - 1994

ERNS Is A National Computer Database System That Is Used To Store Information On The Sudden And/Or Accidental Release Of Hazardous Substances, Including Petroleum, Into The Environment. The ERNS Reporting System Contains Preliminary Information On Specific Releases, Including The Spill Location, The Substance Released, And The Responsible Party. Please Note That The Information In The ERNS Report Pertains Only To Those Releases That Occured Between January 1, 1994 and July 14, 1994.

HWS
Date of Data: 04/01/1994
Release Date: 07/20/1994
NY Dept. Of Environmental Conservation
Hazardous Waste Remediation Division
518/457-0747

New York Inactive Hazardous Waste Disposal Sites

The New York Inactive Hazardous Waste Disposal Sites List Contains Summary Information Pertaining To Those Facilities That Are Deemed Hazardous By The New York State Department Of Environmental Conservation (NYSDEC).

LRST
ate of Data: 06/13/1995
ease Date: 06/21/1995
Dept. Of Environmental Conservation
Spill Prevention And Response Section
518/457-7363

New York Leaking Storage Tanks

The New York Leaking Storage Tank Report Is A Comprehensive Listing Of All Leaking Storage Tanks Reported To The New York State Department Of Environmental Conservation Between January 1, 1994 and June 13, 1995. The Information For The LST Report Is Extracted From The Original Spills List Provided To ERIIS by The NYSDEC. Information Pertaining To Leaking Storage Tanks Reported Before December 31, 1993 Can Be Provided Upon Request.

SWF
Date of Data: 01/24/1995
Release Date: 02/23/1995
NY Dept. Of Environmental Conservation
Bureau Of Resource Recovery
518/457-7336

New York Active Solid Waste Facility Register

The New York Solid Waste Facility Register Is A Comprehensive Listing Of All Permitted Solid Waste Landfills And Processing Facilities Currently Operating Within The State Of New York.

CBS
Date of Data: 06/19/1995
Release Date: 06/21/1995
NY Dept. Of Environmental Conservation
Spill Prevention And Response Section
518/457-7363

New York Chemical Bulk Storage Tanks

The New York Chemical Bulk Storage Report Contains Information Pertaining To Facilities That Store Regulated Substances In Aboveground Storage Tanks With Capacities Of 185 Gallons Or Greater, And/Or Underground Storage Tanks Of Any Size.

MOSF
Date of Data: 06/19/1995
Release Date: 06/21/1995
NY Dept. Of Environmental Conservation
Spill Prevention And Response Section
518/457-7363

New York Major Oil Storage Facilities

The Major Oil Storage Facilities Report Contains Summary Information On Facilities With Petroleum Storage Capacities In Excess Of Four Hundred Thousand Gallons.

PBS
Date of Data: 04/26/1995
Release Date: 06/21/1995
NY Dept. Of Environmental Conservation
Spill Prevention And Response Section
518/457-7363

New York Petroleum Bulk Storage Tanks

The New York Petroleum Bulk Storage Report Is A Comprehensive Listing Of All Reported Facilities That Have Petroleum Storage Capacities In Excess Of 1100 Gallons, And Less Than Four Hundred Thousand Gallons.

ERIIS SUMMARY OF PLOTTABLE SITES

ERIIS Report #44126A

Sep 8, 1995

ERIIS ID.	FACILITY/ADDRESS	DATABASE	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
047001941	MARTIN MARIETTA CORPORATION 525 FRENCH RD UTICA, NY 13502-5945 COUNTY: ONEIDA	CBS	0.000 Mi	WEST	1941
36048010706	MARTIN MARIETTA CORPORATION 525 FRENCH RD UTICA, NY 13502-5945 COUNTY: ONEIDA	PBS	0.000 Mi	WEST	706
36048010225	MERCURIOS AUTOMOTIVE SERV 466 FRENCH RD UTICA, NY 13502-5934 COUNTY: ONEIDA	PBS	0.100 Mi	SOUTHWEST	225
36001000493	BENDIX FLUID POWER DIVISION 211 SEWARD AVE UTICA, NY 13502-5749 COUNTY: ONEIDA	CERCLIS	0.440 Mi	SOUTHWEST	493
36053000456	BENDIX FLUID POWER DIVISION 211 SEWARD AVE UTICA, NY 13502-5749 COUNTY: ONEIDA	HWS	0.440 Mi	SOUTHWEST	456

ERIIS ENVIRONMENTAL DATA REPORT
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM
CERCLIS - PLOTTABLE SITES - PAGE 1

ERIIS Report #44126A

Sep 8, 1995

ERIIS ID / EPA ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
36001000493 NYD002244911	BENDIX FLUID POWER DIVISION	211 SEWARD AVE UTICA, NY 13502-5749	ONEIDA	0.440 MILES	SOUTHWEST	493

SITE EVENT: PRELIMINARY ASSESSMENT	START DATE: / /	COMPLETION DATE: 09/29/1986	ACTION PRIORITY: LOW
SITE EVENT: SCREENING SITE INSPECTION	START DATE: 09/19/1986	COMPLETION DATE: 09/29/1986	ACTION PRIORITY: DEFERRED
SITE EVENT: PRELIMINARY ASSESSMENT	START DATE: 11/21/1990	COMPLETION DATE: 11/27/1990	ACTION PRIORITY: LOW

DESCRIPTION: SITE 22 ACRE USED FOR MFG OF AIRCRAFT COMPNTS & AEROSPACE CIRCUITRY. FROM 1955-69 SOLID CYANIDE PROCESS WASTE DISPD IN PITS & NEUTRALIZED WI TH SODUIUM HYPOCHLORITE. PIT EXCAVATED 1950 WASTE TRNF REMAIN PIT. TESTED 630PPM CYANIDE.WASTE REMAI

ERIIS ID / EPA ID / SITE CODE	FACILITY	ADDRESS	OWNER / OWNER ADDRESS	MAP ID
36053000456 NYD003344911 633020	BENDIX FLUID POWER DIVISION DISTANCE FROM SITE: 0.440 MILES DIRECTION FROM SITE: SOUTHWEST	211 SEWARD AVE UTICA, NY 13502-5749 COUNTY: ONEIDA	BENDIX CORPORATION 20650 CIVIC CTR DR SOUTHFIELD, MI	456

CLASSIFICATION: SIGNIFICANT THREAT - ACTION REQUIRED

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK CHEMICAL BULK STORAGE FACILITIES
CBS - PLOTTABLE SITES - PAGE 1

Sep 8, 1995

ERIIS ID. CBS NO. PBS NO. SPDES NO.	FACILITY ADDRESS	CERT. EXP. STATUS	CONTACT PHONE	FACILITY TYPE	MAP ID
36047001941 6-000125 6-260770 0-121894	MARTIN MARIETTA CORPORATION 525 FRENCH RD UTICA, NY 13502-5945 COUNTY: ONEIDA	04/11/1996 04/10/1997 ACTIVE DISTANCE FROM SITE: 0.000 MILES DIRECTION FROM SITE: WEST	WILLIAM J. WILCOX (315) 793-7208	MANUFACTURING	1941

TANK NO.	CAPACITY (GAL)	% HAZ.	SUBSTANCE DESC.	STATUS	TANK LOCATION
015	800	50	SINGLE HAZARDOUS SUBSTANCE ON DEC LIST	IN-SERVICE	ABOVEGROUND

ERIIS ID / PBS NO. / CBS NO.	FACILITY / ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE	MAP ID
36048010706 6-260770 6-000125	MARTIN MARIETTA CORPORATION 525 FRENCH RD UTICA, NY 13502-5945 DISTANCE FROM SITE: 0.000 MILES DIRECTION FROM SITE: WEST	WILLIAM HINMAN, MGR. (315) 793-7215	ACTIVE MANUFACTURING	4 20659	01/10/1995 05/14/1998	706

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	06/83	3000	DIESEL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
002	06/83	3000	UNLEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
003	06/83	3000	LEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
011	04/52	20000	NOS. 5 OR 6 FUEL OIL	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
012	03/77	550	NOS. 5 OR 6 FUEL OIL	CLOSED - REMOVED	STEEL/CARBON STEEL	ABOVEGROUND
013	04/52	2000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
014	06/82	275	KEROSENE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	ABOVEGROUND
T-16	08/92	19976	KEROSENE	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
T-17	06/78	61	LEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
T-18	05/90	211	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
T-19	08/88	411	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND

36048010225 6-072656	MERCURIOS AUTOMOTIVE SERV 466 FRENCH RD UTICA, NY 13502-5934 DISTANCE FROM SITE: 0.100 MILES DIRECTION FROM SITE: SOUTHWEST	LAWRENCE F MERCURIO (315) 732-6098	INACTIVE	0 0	12/30/1986 12/30/1991	225

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	00/00	4000	UNLEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
002	00/00	4000	UNLEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
003	00/00	4000	UNLEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
004	00/00	4000	LEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

Unplottable Sites

The remaining report pages list additional environmental sites that have been selected based on geographic criteria unique to your study site. They are classified as "unplottable sites" and require further investigation to assess their potential impact on your site.

How to Evaluate Unplottable Sites

Step 1
Streets Within the Radius: the following page is an alphabetical index of all streets that intersect or are contained within the largest study radius (usually one mile).

Step 2
Cross-Reference: use the "Streets Within the Radius" index to cross-reference the unplottable sites. For example, if Maple Avenue and Oak Avenue are listed in the street index, then any unplottable sites with a Maple Avenue or Oak Avenue address should be checked for possible impact on study site.

Questions on ERIIS' Proprietary Geocoding?

We're happy to answer any questions you might have about our data processing and **point-geocoding** (assigning a latitude and longitude to each address). Just give us a call on our toll-free number at (800) 989-0402 and let us know what state you're calling from. Our customer service staff is available from 8 a.m. to 8 p.m. (EST).

The ASTM Standard Practice For Environmental Site Assessments

As stated in the recently published **Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process** (E1527) by the American Society for Testing and Materials (ASTM):

> "For large databases with numerous facility records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of ZIP code (3.3.24)."

Therefore, this Report contains information available by latitude/longitude or by ZIP code. If your research requires environmental records for which only city or county information is available (i.e., no valid street or ZIP code) ERIIS will include this data at no extra charge.

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STREET NAME

Access Ramp
Alma Ct
Amy Ave
Arcadia Ave
Ardmore Pl
Arlington Road
Arnold Ave
Auburn Ave
Ballantyne Brae
Barton Ave
Bennett St
Beverly Pl
W Beverly Pl W
Bonnie Brae
Bradford Ave
Burrstone Road
Butler Ave
Butterfield Ave
Butternut St
Campion Road
Capron Road
Carlile Ave
Cedar Lane
Champlin Ave
Chenango Road
Chestnut St
Claremont Ter
Collier Pl
Cornwall Ave
Country Club Dr
Coupe Ave
Craigie Ave
Cranston Ter
Crestway Dr
Cromwell Pl
Cross St
Davis Pl
Delaware Ave
Dewey Ave
Dirleton Road
Douglas Cres
Dryden Ave
Dwight Ave
Eastwood Ave
Edgewood Road
Elm St
Emerson Ave
Fairfax Pl
Fairview Heights
Fairway Dr
Fern Pl
Ferris Ave
Fincke Ave
Flagg Ave
Foery Dr
Fox Pl
French Road
Geer Ave
Genesee St
Gilmore Pl
Glod Ave
Goodrich Ave
Grandview Ave
Hager St
Hampden Pl
Harter Pl
Hartford Pl
Hawthorne Ave
Hazelhurst Ave
Higby Road
Hillcrest Ave
Hopson St
Howe St
Keck Pl
Kensington Dr
Kenyon Ct
Kraemer Pl
Laurel Pl
Lawrence Ave
Leslie Ave
Lincoln Ave
Lomond Pl
Lowell Ave
Lynch Ave
Lyon Pl
Maple St
Marlboro Road
Mather Ave
Mc Pherson St
Meeker Ave
Melrose Ave
S Melrose Ave
Merriline Ave
Mildred Ave
Nellis Pl
New Hartford St
Newell St
North-South Arterial Hwy
Notre Dame Lane
Nye Ave

ERIIS LIST OF STREETS IN THE RADIUS

ERIIS Report #44126A

Sep 8, 1995

STREET NAME

O Brien Ave
Old Burrstone Road
Ottilia St
Parkside Ct
Patricia Lane
Pierrepont Ave
Porter St
Proctor Blvd
E Proctor Blvd
Prospect St
Pulaski St
Quentin Road
Read St
Regent Ct
Richardson Ave
Roosevelt Dr
Rose Pl
Rugby Road
Sarah St
Sauquoit Arterial
Seward Ave
Shepherd Pl
Sim St
Sophia Ave
Sunset Ave
Symonds Pl
Talcott Road
Tarbell Ter
Thieme Pl
Village Road
Washington Dr
Watkins Ave
Wesley Ave
Winchester Dr
Woodlawn Ave
E Woodlawn Ave
York St
Young Ave
Zoar Ave

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

ERIIS Report #44126A

Sep 8, 1995

ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
36047001140	ADDISON-MILLER POOL YORK STREET	UTICA, NY 13502 COUNTY: ONEIDA	CBS
36048010479	BARRETT PAVING MATERALS INC ROUTE 5 AT HERKIMER ROAD	SCHUYLER, NY 13502 COUNTY: ONEIDA	PBS
36048011357	BROADACRES SKILLED NRSNG. FAC. WALKER ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36048010445	BURRSTONE SERVICE CENTER INC. 23 BURRSTONE RD	UTICA, NY 13502-5405 COUNTY: ONEIDA	PBS
36048011088	CITY HALL 1 KENNEDY PLZ	UTICA, NY 13502-4243 COUNTY: ONEIDA	PBS
36048009937	DON'S FORD INC RT 12N	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36008001183	DON'S FORD, INC. HORATIO ARTERIAL RTE 12N	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_SG
36007015668	ELIHU ROOT USAR CENTER BURRSTONE ROAD	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36048009930	ELIHU ROOT USAR CENTER BURRSTONE ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36039000250	EMPIRE RECYCLING LELAND AVE	UTICA, NY 13502 COUNTY: ONEIDA	NFRAP
36048010712	FALVO MFG CO INC HARBOR POINT	UTICA, NY 13502 COUNTY: ONEIDA	PBS
13000468	G E AEROSPACE WEST LOT SITE FRENCH RD	UTICA, NY 13502 COUNTY: ONEIDA	HWS
36048011142	GAS PLUS LIMITED 2223 ORISKANY BLVD.	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36048010242	GENERAL HERKIMER SCHOOL KEYES ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36048010306	GILLMORE VILLAGE HILCREST AVE	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36048010406	HERKIMER ROAD NICE & EASY ROUTE 5 & KEYES ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36007000042	I.C.L INC. ICL PLAZA, RTE 12N	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36048009918	ICL INC COSBY MANOR RD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36007008815	JENSON HALL BROADACRES WALKER ROAD	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36048010246	JOHN F. KENNEDY HIGH SCHOOL DEERFIELD DRIVE EAST	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36048046269	LEVITT'S COMMERCIAL CONTAINERS, INC. 867 ROUTE 5	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36008004521	LUCAS AEROSPACE POWER TRANS UTICA BUSINESS PARK	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_SG
36007000041	MARTIN MARIETTA CORP FRENCH RD	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36048046240	MONDI COMMERCIAL LOT TRENTON ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

ERIIS Report #44126A

Sep 8, 1995

ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
36007008648	NIAGARA MOHAWK ARNOLD TRAN 1, TRAN 2 LAWRENCE ST	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36007008635	NIAGARA MOHAWK CORNELIA TRAN 1, TRAN 2 ORISKANY ST	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36007008636	NIAGARA MOHAWK DEERFIELD REG. 7, TRAN 7 MULANEY RD	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36053000457	NIAGARA MOHAWK HARBOR POINT PROPERTY WASHINGTON STREET	UTICA, NY 13502 COUNTY: ONEIDA	HWS
36007009735	NIAGARA MOHAWK HARBOR POINT LEE STREET	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36007007640	NYS DEPARTMENT OF TRANSPORTATION HARBOR LOCK ROAD	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36048010781	NYS DOT ROUTE 5	KIRKLAND, NY 13502 COUNTY: ONEIDA	PBS
36048010775	NYS DOT HARBOR LOCK ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36048010779	NYS DOT CHENANGO ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36007014585	NYS THRUWAY AUTH THRUWAY BRIDGE MP 233.27	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36007014586	NYS THRUWAY AUTH THRUWAY BRIDGE MP 233.45	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36007015151	NYSDOT BRIDGE BIN 1002239 RTE 5 OVER DELAWARE OTSEGO NYS	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36007015152	NYSDOT BRIDGE BIN 1002249 RTE 5 OVER FRENCH RD S &	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36007015162	NYSDOT BRIDGE BIN 1002269 RTE 5 OVER DELAWARE OTSEGO NYS	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36065018000607	ONEIDA HERKIMER SWMA COMP LELAND AVE	UTICA, NY 13502 COUNTY: ONEIDA	SWF
36048011779	ORISKANY BLVD. CITGO 2223 ORISKANY BLVD.	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36008009973	PAR TECHNOLOGY CORP BEECHGROVE PL	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_SG
36048010838	SCHUYLER GENERAL STORE NEWPORT ROAD	SCHUYLER, NY 13502 COUNTY: ONEIDA	PBS
36048010250	SEYMOUR SCHOOL EUCLID ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36007011541	SOLVENT SAVERS #669 ON NPL UNION VALLEY RD	LINCKLAEN, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36007000156	SUNOCO SERVICE STATION FR RD & SEWARD AVE	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36048009983	SUNY INSTITUTE OF TECH-GARAGE 72731 COURT ST	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36048010001	SUNY INSTITUTE OF TECHNOLOGY/MARCY ROUTE 12	MARCY, NY 13502 COUNTY: ONEIDA	PBS
36048010244	THOMAS JEFFERSON SCHOOL BOOTH STREET	UTICA, NY 13502 COUNTY: ONEIDA	PBS

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

ERIIS Report #44126A

Sep 8, 1995

ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
36048010403	TOWN OF SCHUYLER HIGHWAY DEPARTMENT WINDFALL ROAD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36001000592	UNIVERSAL WASTE & PAPER LELAND & NORTON AVE	UTICA, NY 13502 COUNTY: ONEIDA	CERCLIS
5053000449	UNIVERSAL WASTE INC WURZ AVENUE	UTICA, NY 13502 COUNTY: ONEIDA	HWS
36018000592	UTICA CITY DEMOLITION LF 1 KENNEDY PLZ	UTICA, NY 13502-4234 COUNTY: ONEIDA	SWF
36053000453	UTICA CITY DUMP INCINERATOR RD	UTICA, NY 13502 COUNTY: ONEIDA	HWS
6007004179	UTICA COLLEGE OF SYRACUSE UNIVERSITY BURRSTONE ROAD	UTICA, NY 13502 COUNTY: ONEIDA	RCRIS_LG
36048011468	UTICA GENERAL TRUCK CORP. 5636 RT. 12N	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36008002872	UTICA WATER BOARD 1 KENNEDY PLZ	UTICA, NY 13502-4234 COUNTY: ONEIDA	RCRIS_SG
3048010968	WHITESTOWN PACKING CORPORATION ORISKANY BLVD	UTICA, NY 13502 COUNTY: ONEIDA	PBS
36018000599	BLISS T.S. & RECYCLING	NY COUNTY: ONEIDA	SWF
36018000601	CITY OF ROME T.S.	NY COUNTY: ONEIDA	SWF
8000604	FLOYD T.S. (T)	NY COUNTY: ONEIDA	SWF
36018000600	ONEIDA WASTE TIRE T.S.	NY COUNTY: ONEIDA	SWF
36018000603	SHERRILL T.S. / RECYCLING	NY COUNTY: ONEIDA	SWF
6018000602	SWEET T.S.	NY COUNTY: ONEIDA	SWF
36018000917	VILLAGE OF WATERVILLE	NY COUNTY: ONEIDA	SWF

ERIIS ENVIRONMENTAL DATA REPORT
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM
CERCLIS - UNPLOTTABLE SITES

ERIIS Report #44126A

Sep 8, 1995

ERIIS ID / EPA ID	FACILITY	ADDRESS	COUNTY
36001000592 NYD980509335	UNIVERSAL WASTE & PAPER	LELAND & NORTON AVE UTICA, NY 13502	ONEIDA

SITE EVENT: DISCOVERY	START DATE: / /	COMPLETION DATE: 04/01/1977	ACTION PRIORITY: BLANK
SITE EVENT: PRELIMINARY ASSESSMENT	START DATE: / /	COMPLETION DATE: 12/01/1979	ACTION PRIORITY: LOW
SITE EVENT: SCREENING SITE INSPECTION	START DATE: 06/19/1991	COMPLETION DATE: 04/22/1993	ACTION PRIORITY: HIGH
SITE EVENT: LISTING SITE INSPECTION	START DATE: 08/26/1994	COMPLETION DATE: / /	ACTION PRIORITY: BLANK

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
CERCLIS NO FURTHER REMEDIAL ACTION PLANNED SITES
NFRAP - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID / EPA ID	FACILITY	FACILITY ADDRESS
36039000250 NYD980508212	EMPIRE RECYCLING COUNTY: ONEIDA	LELAND AVE UTICA, NY 13502

SITE EVENT(S)	COMPLETE DATE
DISCOVERY	04/01/1980
PRELIMINARY ASSESSMENT	03/21/1986

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - UNPLOTTABLE SITES

ERIIS Report #44126A

Sep 8, 1995

ERIIS ID EPA ID RCRA COMPLIANT	FACILITY NUMBER OF CORRECTIVE ACTION EVENTS NUMBER OF HIGH PRIORITY NCAPS	ADDRESS	RAATS ISSUE DATE RAATS ACTION/STATUS RAATS PENALTIES
36007000041 NYD000521971 Y	MARTIN MARIETTA CORP 0 0	FRENCH RD UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS

REPORTED WASTE CODES

D000
D001
D002
D007
D008
F001
F002
F003
F005
F007
F008
F017
P029
P030
P056
P098
P099
P106
P121
U080
U134
U197
U220
NONE
D000
D001
D002
D007
D008
F001
F002
F003
F005
F007
F008
F017
P029
P030
P056
P098
P099
P106
P121
U080
U134
U197
U220

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID / EPA ID / RCRA COMPLIANT	FACILITY / NUMBER OF CORRECTIVE ACTION EVENTS / NUMBER OF HIGH PRIORITY NCAPS	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES
36007000042 NYD000522276 Y	I.C.L INC. 0 0	ICL PLAZA, RTE 12N UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES F001 F002			
36007000156 NYD000696013 Y	SUNOCO SERVICE STATION 0 0	FR RD & SEWARD AVE UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D000 D001			
36007004179 NYD071602064 Y	UTICA COLLEGE OF SYRACUSE UNIVERSITY 0 0	BURRSTONE ROAD UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES			
36007007640 NYD981140742 Y	NYS DEPARTMENT OF TRANSPORTATION 0 0	HARBOR LOCK ROAD UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D000 D001 D002 D007 D008 F002 F003 F006			
36007008635 NYD981872971 Y	NIAGARA MOHAWK CORNELIA TRAN 1, TRAN 2 0 0	ORISKANY ST UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D000			
36007008636 NYD981872989 Y	NIAGARA MOHAWK DEERFIELD REG. 7, TRAN 7 0 0	MULANEY RD UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES			

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - UNPLOTTABLE SITES

ERIIS Report #44126A

Sep 8, 1995

ERIIS ID / EPA ID / RCRA COMPLIANT	FACILITY / NUMBER OF CORRECTIVE ACTION EVENTS / NUMBER OF HIGH PRIORITY NCAPS	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES
REPORTED WASTE CODES: D000			
36007008648 NYD981873391 Y	NIAGARA MOHAWK ARNOLD TRAN 1, TRAN 2 0 0	LAWRENCE ST UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES: D000			
36007008815 NYD982181562 Y	JENSON HALL BROADACRES 0 0	WALKER ROAD UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES: X002			
36007009735 NYD982726846 Y	NIAGARA MOHAWK HARBOR POINT 0 0	LEE STREET UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES			
36007011541 NYD986904191 Y	SOLVENT SAVERS #669 ON NPL 0 0	UNION VALLEY RD LINCKLAEN, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES: D001, F001, F002, F003, F004, F005, X002			
36007014585 NYD987027810 Y	NYS THRUWAY AUTH 0 0	THRUWAY BRIDGE MP 233.27 UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES: D008			
36007014586 NYD987027828 Y	NYS THRUWAY AUTH 0 0	THRUWAY BRIDGE MP 233.45 UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES: D008			

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID / EPA ID / RCRA COMPLIANT	FACILITY / NUMBER OF CORRECTIVE ACTION EVENTS / NUMBER OF HIGH PRIORITY NCAPS	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES
36007015151 NY0000133389 Y	NYSDOT BRIDGE BIN 1002239 0 0	RTE 5 OVER DELAWARE OTSEGO NYS UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D000 D008			
36007015152 NY0000133397 Y	NYSDOT BRIDGE BIN 1002249 0 0	RTE 5 OVER FRENCH RD S & UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D000 D008			
36007015162 NY0000144709 Y	NYSDOT BRIDGE BIN 1002269 0 0	RTE 5 OVER DELAWARE OTSEGO NYS UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D000 D008			
36007015668 NY8210021491 Y	ELIHU ROOT USAR CENTER 0 0	BURRSTONE ROAD UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D001 X001			

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_SG - UNPLOTTABLE SITES

Sep 8, 199

ERIIS ID / EPA ID / RCRA COMPLIANT	FACILITY / NUMBER OF CORRECTIVE ACTION EVENTS / NUMBER OF HIGH PRIORITY NCAPS	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES
36008001183 NYD043824028 Y	DON'S FORD, INC. 0 0	HORATIO ARTERIAL RTE 12N UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D000 D001 D002 U002 U154 U159 U220 U239			
36008004521 NYD982275471 Y	LUCAS AEROSPACE POWER TRANS 0 0	UTICA BUSINESS PARK UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D001 F002			
36008009973 NYD987005535 Y	PAR TECHNOLOGY CORP 0 0	BEECHGROVE PL UTICA, NY 13502 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES U244			
36008002872 NYD161854013 Y'	UTICA WATER BOARD 0 0	1 KENNEDY PLZ UTICA, NY 13502-4234 COUNTY: ONEIDA	FACILITY NOT REPORTED IN RAATS
REPORTED WASTE CODES D000 D001 D002 D003 F001 F002 F003 F005 P098 U144 U169			

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK INACTIVE HAZARDOUS WASTE DISPOSAL SITES
HWS - UNPLOTTABLE SITES

ERIIS Report #44126A

Sep 8, 1995

ERIIS ID / EPA ID / SITE CODE	FACILITY	ADDRESS	OWNER / OWNER ADDRESS
36053000449 NYD980509335 633009	UNIVERSAL WASTE INC	WURZ AVENUE UTICA, NY 13502 COUNTY: ONEIDA	UNIVERSAL WASTE INC WURZ AVENUE UTICA, NY
	CLASSIFICATION: SIGNIFICANT THREAT - ACTION REQUIRED		
36053000453 NYD980509343 633015	UTICA CITY DUMP	INCINERATOR RD UTICA, NY 13502 COUNTY: ONEIDA	CITY OF UTICA CITY HALL UTICA, NY
	CLASSIFICATION: SIGNIFICANT THREAT - ACTION REQUIRED		
36053000457 NYD980664411 633021	NIAGARA MOHAWK HARBOR POINT PROPERTY	WASHINGTON STREET UTICA, NY 13502 COUNTY: ONEIDA	NIAGARA MOHAWK POWER CORP 300 ERIE BLVD WEST SYRACUSE, NY
	CLASSIFICATION: SIGNIFICANT THREAT - ACTION REQUIRED		
36053000468 633036	G E AEROSPACE WEST LOT SITE	FRENCH RD UTICA, NY 13502 COUNTY: ONEIDA	G E AEROSPACE FRENCH ROAD UTICA, NY
	CLASSIFICATION: SIGNIFICANT THREAT - ACTION REQUIRED		

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK SOLID WASTE FACILITIES
SWF - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID FACILITY ID FACILITY	OPERATOR NAME FACILITY ADDRESS PHONE NO.	PERMIT NO. ISSUE DATE EXPIRATION DATE	REGULATORY STATUS	FACILITY ACTIVITY WASTE TYPE
36018000607 33Y01 ONEIDA HERKIMER SWMA COMP	HANS ARNOLD LELAND AVE UTICA, NY 13502 COUNTY: ONEIDA (315) 733-1224	6301600086000011 11/01/19 11/01/19	PERMIT	YARD WASTE COMPOSTING YARD WASTE
36018000592 33D09 UTICA CITY DEMOLITION LF	JOHN ZEGARELLI 1 KENNEDY PLZ UTICA, NY 13502-4234 COUNTY: ONEIDA	0 / / / /	CLOSURE ORDER	CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL DEMOLITION
36018000599 33R03 BLISS T.S. & RECYCLING	NOT REPORTED NY COUNTY: ONEIDA	6303000019000011 04/01/19 04/01/19	PERMIT	SMALL TRANSFER STATION (<50,000 CY ANNUALLY) RESIDENTIAL
36018000600 33R04 ONEIDA WASTE TIRE T.S.	NOT REPORTED NY COUNTY: ONEIDA	6301300029000011 12/12/19 11/17/19	NONE	SMALL TRANSFER STATION (<50,000 CY ANNUALLY) WASTE TIRES
36018000601 33R05 CITY OF ROME T.S.	ALBERT ANKIN NOT REPORTED NY COUNTY: ONEIDA (315) 339-7778	6301300039000011 02/07/19 02/28/19	PERMIT	SMALL TRANSFER STATION (<50,000 CY ANNUALLY) RESIDENTIAL, COMMERCIAL, RECYCLABLES, DEMOLITION
36018000602 33R06 SWEET T.S.	LEO BURNS NOT REPORTED NY COUNTY: ONEIDA (315) 336-0405	6301300088000011 12/01/19 12/01/19	PERMIT	SMALL TRANSFER STATION (<50,000 CY ANNUALLY) NON-PUTRESCIBLE
36018000603 33R07 SHERRILL T.S. / RECYCLING	CITY OF SHERRILL NOT REPORTED NY COUNTY: ONEIDA (315) 363-2440	6306000023000011 03/06/19 04/02/19	PERMIT	SMALL TRANSFER STATION (<50,000 CY ANNUALLY) METAL, WHITE GOODS, DEMOLITION, TIRES, BATTERIES, GLASS
36018000604 33R08 FLOYD T.S. (T)	WILLARD STREIFF, JR. NOT REPORTED NY COUNTY: ONEIDA (315) 865-4208	6303600015000011 10/01/19 09/30/19	PERMIT	SMALL TRANSFER STATION (<50,000 CY ANNUALLY) NON-PUTRESCIBLES, RECYCLABLES
36018000917 33L06 VILLAGE OF WATERVILLE	DAVID UPCRAFT NOT REPORTED NY COUNTY: ONEIDA	6304600014000011 04/21/19 04/30/19	PERMIT	LAND APPLICATION SEWAGE SLUDGE

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK CHEMICAL BULK STORAGE FACILITIES
CBS - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID. CBS NO. PBS NO. SPDES NO.	FACILITY ADDRESS	CERT. EXP. STATUS	CONTACT PHONE	FACILITY TYPE
36047001140 6-000049 NOT REPORTED NOT REPORTED	ADDISON-MILLER POOL YORK STREET UTICA, NY 13502 COUNTY: ONEIDA	03/29/1995 06/20/1997 ACTIVE	ROBERT W. DEERING (315) 738-1058	MUNICIPALITY

TANK NO.	CAPACITY (GAL)	% HAZ.	SUBSTANCE DESC.	STATUS	TANK LOCATION
001	200	0		CLOSED - REMOVED	ABOVEGROUND
001	200	6	SINGLE HAZARDOUS SUBSTANCE ON DEC LIST	IN-SERVICE	ABOVEGROUND

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK PETROLEUM BULK STORAGE FACILITIES
PBS - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID / PBS NO. / CBS NO.	FACILITY ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE
36048009918 6-009989	ICL INC COSBY MANOR RD UTICA, NY 13502	ICL INC (315) 797-5750	INACTIVE	0 0	09/02/1986 09/02/1991

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	03/78	10000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
002	01/70	2000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

36048009930 6-012122	ELIHU ROOT USAR CENTER BURRSTONE ROAD UTICA, NY 13502	ELIHU ROOT USAR CENTER (315) 793-8429	INACTIVE OTHER	0 0	09/03/1991 10/09/1996

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
SF1	06/70	6000	NOS. 1,2 OR 4 FUEL OIL	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
SF2	06/70	8000	NOS. 1,2 OR 4 FUEL OIL	CLOSED - REMOVED	FIBERGLASS REINFORCED PLASTIC	UNDERGROUND

36048009937 6-012211	DON'S FORD INC RT 12N UTICA, NY 13502	DON CARBONE (315) 797-1520	INACTIVE	0 0	09/02/1986 09/02/1991

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	04/78	2000	UNLEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

36048009983 6-022934	SUNY INSTITUTE OF TECH-GARAGE 72731 COURT ST UTICA, NY 13502	SUNY INSTITUTE OF TECHNOLOGY (315) 792-7456	INACTIVE	1 1000	09/02/1986 09/02/1991

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
004	05/79	1000	LEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
005	05/79	1000	UNLEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
006	05/79	1000	NOS. 1,2 OR 4 FUEL OIL	TEMPORARILY OUT-OF-SERVICE	STEEL/CARBON STEEL	UNDERGROUND

36048010001 6-027820 6-000027	SUNY INSTITUTE OF TECHNOLOGY/MARCY ROUTE 12 MARCY, NY 13502	SUNY INSTITUTE OF TECHNOLOGY (315) 792-7456	ACTIVE SCHOOL	6 33400	08/23/1991 09/19/1996

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	11/84	2200	UNLEADED GASOLINE	IN-SERVICE	FIBERGLASS REINFORCED PLASTIC	UNDERGROUND
002	11/84	2200	UNLEADED GASOLINE	IN-SERVICE	FIBERGLASS REINFORCED PLASTIC	UNDERGROUND
003	11/84	1000	DIESEL	IN-SERVICE	FIBERGLASS REINFORCED PLASTIC	UNDERGROUND
007	05/83	10000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
009	05/88	10000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	FIBERGLASS REINFORCED PLASTIC	UNDERGROUND
008	09/86	8000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	FIBERGLASS REINFORCED PLASTIC	UNDERGROUND

ERIIS ID / PBS NO. / CBS NO.	FACILITY ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE
36048010242 6-076112	GENERAL HERKIMER SCHOOL KEYES ROAD UTICA, NY 13502	UTICA CITY SCHOOL DISTRICT (315) 792-2160	ACTIVE SCHOOL	1 8000	01/24/1992 01/14/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	07/77	8000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND

ERIIS ID / PBS NO. / CBS NO.	FACILITY ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE
36048010244 6-076139	THOMAS JEFFERSON SCHOOL BOOTH STREET UTICA, NY 13502	UTICA CITY SCHOOL DISTRICT (315) 792-2163	ACTIVE SCHOOL	1 9000	08/04/1994 01/14/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	11/57	9000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND

ERIIS ID / PBS NO. / CBS NO.	FACILITY ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE
36048010246 6-076155	JOHN F. KENNEDY HIGH SCHOOL DEERFIELD DRIVE EAST UTICA, NY 13502	UTICA CITY SCHOOL DISTRICT (315) 792-2097	ACTIVE SCHOOL	1 10000	01/24/1992 01/14/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	04/77	10000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND

ERIIS ID / PBS NO. / CBS NO.	FACILITY ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE
36048010250 6-077461	SEYMOUR SCHOOL EUCLID ROAD UTICA, NY 13502	UTICA CITY SCHOOL DISTRICT (315) 792-2157	ACTIVE SCHOOL	1 8000	01/24/1992 01/14/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	09/77	8000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND

ERIIS ID / PBS NO. / CBS NO.	FACILITY ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE
36048010306 6-089079	GILLMORE VILLAGE HILCREST AVE UTICA, NY 13502	MUNICIPAL HOUSING AUTHORITY (315) 733-7196	INACTIVE	0 0	01/14/1987 01/14/1992

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
00A	12/49	3000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
00B	12/49	3000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
00C	12/49	3000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
0D1	12/49	3000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
0D2	12/49	3000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
00E	12/49	3000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK PETROLEUM BULK STORAGE FACILITIES
PBS - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID / PBS NO. / CBS NO.	FACILITY / ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE
36048010403 6-123560	TOWN OF SCHUYLER HIGHWAY DEPARTMENT WINDFALL ROAD UTICA, NY 13502	TOWN OF SCHUYLER HWY. DEPT. (315) 733-7617	ACTIVE OTHER	2 1550	02/13/1992 03/24/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	00/00	550	UNLEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
002	11/86	1000	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND

36048010406 6-123617	HERKIMER ROAD NICE & EASY ROUTE 5 & KEYES ROAD UTICA, NY 13502	HERKIMER PETROLEUM PRODUCTS (315) 724-1268	ACTIVE RETAIL GASOLINE SALES	4 28000	11/29/1993 03/24/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	08/84	8000	LEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
002	08/84	8000	UNLEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
003	00/00	3000	UNLEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
004	12/76	550	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
006	10/89	8000	UNLEADED GASOLINE	IN-SERVICE	FIBERGLASS COATED STEEL	UNDERGROUND
007	10/89	8000	UNLEADED GASOLINE	IN-SERVICE	FIBERGLASS COATED STEEL	UNDERGROUND
008	10/89	8000	UNLEADED GASOLINE	IN-SERVICE	FIBERGLASS COATED STEEL	UNDERGROUND
009	11/89	1000	KEROSENE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
005	10/89	300	NOS. 1,2 OR 4 FUEL OIL	CLOSED - REMOVED	FIBERGLASS COATED STEEL	ABOVEGROUND
010	10/93	4000	KEROSENE	IN-SERVICE	EQUIVALENT TECHNOLOGY	UNDERGROUND

36048010479 6-126136	BARRETT PAVING MATERALS INC ROUTE 5 AT HERKIMER ROAD SCHUYLER, NY 13502	BARRETT PAVING MATERALS INC (315) 797-9620	INACTIVE	0 0	03/24/1987 03/24/1992

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	00/00	1000	LEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
002	00/00	2000	DIESEL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

36048010712 6-262722	FALVO MFG CO INC HARBOR POINT UTICA, NY 13502	EUGENE A FALVO (315) 724-7925	INACTIVE	0 0	06/05/1987 06/05/1992

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	00/00	6000	DIESEL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
002	00/00	6000	DIESEL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
003	00/00	4000	LEADED GASOLINE	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK PETROLEUM BULK STORAGE FACILITIES
PBS - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID / PBS NO. / CBS NO.	FACILITY ADDRESS	CONTACT NAME / PHONE	SITE STATUS / FACILITY TYPE	NO. OF TANKS / CAPACITY (GAL)	CERTIFICATE DATE / EXPIRATION DATE
36048010775 6-263850	NYS DOT HARBOR LOCK ROAD UTICA, NY 13502	J. DARLING (315) 793-2489	ACTIVE OTHER	2 8000	08/27/1992 06/05/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
201	12/80	4000	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
202	12/80	4000	UNLEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
204	12/65	8000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
203	12/65	1500	DIESEL	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND

36048010779 6-263893	NYS DOT CHENANGO ROAD UTICA, NY 13502	DONALD CANESTRARI (315) 733-1435	ACTIVE OTHER	2 8000	03/07/1995 06/05/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
261	12/79	4000	UNLEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
262	12/79	2000	UNLEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
263	12/68	4000	DIESEL	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
264	08/79	2000	KEROSENE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
2600	00/00	300	OTHER	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
2601	05/94	4000	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
2602	05/94	4000	UNLEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND

36048010781 6-263915	NYS DOT ROUTE 5 KIRKLAND, NY 13502	DONALD CANESTRARI (315) 733-1435	INACTIVE OTHER	1 275	08/27/1992 06/05/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
268	12/76	2000	UNLEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
269	12/81	4000	DIESEL	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
260	12/79	275	KEROSENE	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND

36048010838 6-382213	SCHUYLER GENERAL STORE NEWPORT ROAD SCHUYLER, NY 13502	LAVERNE K REINHARDT (315) 724-0432	INACTIVE RETAIL GASOLINE SALES	0 0	06/05/1987 06/05/1992

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	00/00	3000	UNLEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
002	00/00	3000	LEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND

36048010968 6-421456	WHITESTOWN PACKING CORPORATION ORISKANY BLVD UTICA, NY 13502	BANK OF UTICA (315) 797-2700	INACTIVE	0 0	07/20/1987 07/20/1992

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK PETROLEUM BULK STORAGE FACILITIES
PBS - UNPLOTTABLE SITES

ERIIS Report #44126A

Sep 8, 1995

ERIIS ID / PBS NO. / CBS NO. | FACILITY ADDRESS | CONTACT NAME / PHONE | SITE STATUS / FACILITY TYPE | NO. OF TANKS / CAPACITY (GAL) | CERTIFICATE DATE / EXPIRATION DATE

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	00/00	10000	DIESEL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
002	00/00	5000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

36048011142
6-432946
GAS PLUS LIMITED
2223 ORISKANY BLVD.
UTICA, NY 13502

DAVE TINKHAM
(315) 738-1660

ACTIVE

3 — 04/19/1988
36000 — 04/19/1993

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	06/80	12000	LEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
002	06/80	12000	UNLEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
003	06/80	12000	UNLEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND

36048011357
6-460966
BROADACRES SKILLED NRSNG. FAC.
WALKER ROAD
UTICA, NY 13502

BROADACRES SKILLED NRSNG.
(315) 798-9200

ACTIVE

5 — 01/10/1995
60550 — 10/14/1998

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	07/83	30000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
002	06/68	1500	UNLEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
003	06/79	275	LEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
004	10/72	275	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
005	12/55	15000	NOS. 5 OR 6 FUEL OIL	TEMPORARILY OUT-OF-SERVICE	STEEL/CARBON STEEL	UNDERGROUND, VAULTED WITH ACCESS
006	12/55	15000	NOS. 5 OR 6 FUEL OIL	TEMPORARILY OUT-OF-SERVICE	STEEL/CARBON STEEL	UNDERGROUND, VAULTED WITH ACCESS

36048011468
6-486965
UTICA GENERAL TRUCK CORP.
5636 RT. 12N
UTICA, NY 13502

UTICA GENERAL TRUCK CORP.
(315) 736-0821

INACTIVE

0 — 03/28/1989
0 — 03/28/1994

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	00/00	2000	NOS. 1,2 OR 4 FUEL OIL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND
002	00/00	2000	DIESEL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

36048011779
6-600052
ORISKANY BLVD. CITGO
2223 ORISKANY BLVD.
UTICA, NY 13502

GLIDER OIL
(315) 474-1100

ACTIVE
RETAIL GASOLINE SALES

2 — 08/23/1991
1550 — 08/23/1996

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
1	00/86	1000	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
2	00/86	550	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND

36048046240
6-600219
MONDI COMMERCIAL LOT
TRENTON ROAD
UTICA, NY 13502

FRANK MONDI III
(315) 735-2816

INACTIVE
RETAIL GASOLINE SALES

0 — 02/10/1993
0 — 02/10/1998

ERIIS Report #44126A

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK PETROLEUM BULK STORAGE FACILITIES
PBS - UNPLOTTABLE SITES

Sep 8, 1995

ERIIS ID
PBS NO.
CBS NO.

FACILITY
ADDRESS

CONTACT NAME
PHONE

SITE STATUS
FACILITY TYPE

NO. OF TANKS
CAPACITY (GAL)

CERTIFICATE DATE
EXPIRATION DATE

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
1	00/00	4000	LEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
2	00/00	4000	LEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND
3	00/00	4000	LEADED GASOLINE	CLOSED - REMOVED	STEEL/CARBON STEEL	UNDERGROUND

36048046269
6-600254
LEVITT'S COMMERCIAL CONTAINERS, INC.
867 ROUTE 5
UTICA, NY 13502

DAVID LEVITT
(315) 724-0024

ACTIVE
TRUCKING/TRANSPORTATION

2 — 06/18/1993
3000 — 06/18/1998

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
2000	04/91	2000	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
1000	04/91	1000	KEROSENE	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND

36048011088
6-428302
CITY HALL
1 KENNEDY PLZ
UTICA, NY 13502-4243

CITY OF UTICA
(315) 792-0100

INACTIVE

2 — 01/07/1988
1000 — 01/07/1993

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	12/65	500	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
002	12/65	500	DIESEL	IN-SERVICE	STEEL/CARBON STEEL	ABOVEGROUND
003	12/65	2000	DIESEL	CLOSED BEFORE APRIL 1, 1991	STEEL/CARBON STEEL	UNDERGROUND

36048010445
6-125695
BURRSTONE SERVICE CENTER INC.
23 BURRSTONE RD
UTICA, NY 13502-5405

RICHARD L. ABBASS
(315) 724-2867

ACTIVE
RETAIL GASOLINE SALES

4 — 02/13/1992
16550 — 03/24/1997

TANK ID	INSTAL. DATE	CAPACITY (GAL.)	PRODUCT STORED	TANK STATUS	TANK TYPE	TANK LOCATION
001	10/86	8000	UNLEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
002	10/86	4000	UNLEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
003	10/86	4000	UNLEADED GASOLINE	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND
004	10/86	550	NOS. 1,2 OR 4 FUEL OIL	IN-SERVICE	STEEL/CARBON STEEL	UNDERGROUND

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
AERIAL PHOTOGRAPH SEARCH REPORT

The following photographs are available for your site from the sources listed. Please contact these sources directly to order these photographs.

ERIIS Report #44126A

VENDOR NAME: AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE
STREET: AERAIL PHOTOGRAPHY FIELD OFFICE P O BOX 30010
STATE: UT
ZIP: 84130-0010
PHONE: (801) 975-3503

DATE OF COVERAGE	SENSOR CLASS
1955 JUL 30	VERTICAL CARTO (IMPLIES STEREO)
1966 OCT 17	VERTICAL CARTO (IMPLIES STEREO)
1977 MAY 26	VERTICAL CARTO (IMPLIES STEREO)
1967	VERTICAL CARTO (IMPLIES STEREO)
1968	VERTICAL CARTO (IMPLIES STEREO)

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
ARZ	20000	8.25in OR 210mm	B&W	0%	100%	07
ARZ	20000	12.00in OR	B&W	0%	100%	08
	40000	6.00in OR 152mm	B&W	0%	100%	08
EFD-1	20000	8.25in OR 210mm	B&W	0%	100%	GREENE-NY
CXF-1	20000	8.25in OR 210mm	B&W	0%	100%	FULTON-NY

VENDOR NAME: U S AIR FORCE DEPT OF THE AIR FORCE EDC
(800) USA-MAPS

DATE OF COVERAGE	SENSOR CLASS
1958 OCT 13	VERTICAL CARTO (IMPLIES STEREO)
1959 OCT 18	VERTICAL CARTO (IMPLIES STEREO)

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
55AM5	33800	UNKOWN	B&W	0%	100%	1 0940822
59035	60000	UNKOWN	B&W	0%	100%	1 0950171

VENDOR NAME: U S GEOLOGICAL SURVEY RESTON ESIC
STREET: 507 NATIONAL CENTER
STATE: VA
ZIP: 22092
PHONE: (703) 648-5920

DATE OF COVERAGE	SENSOR CLASS
1974 APR 17	VERTICAL CARTO (IMPLIES STEREO)
1989 APR 28	VERTICAL CARTO (IMPLIES STEREO)
1981 MAY 07	VERTICAL CARTO (IMPLIES STEREO)
1986 MAY 01	VERTICAL CARTO (IMPLIES STEREO)
1986 MAY 01	VERTICAL CARTO (IMPLIES STEREO)
1984 MAY	SLAR

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
VDLZ	24000	OTHER	B&W	0%	100%	
VFKM	23867	OTHER	B&W	0%	100%	
VEWR	80000	OTHER	B&W	0%	100%	
N4375	58000	OTHER	COLOR	0%	100%	
N4375	80000	OTHER	B&W	0%	100%	
RADUTI	0250000	OTHER	B&W	UNK	100%	UTICA N60W

VENDOR NAME: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, AMES RESEARCH CNTR
CONTACT U S GEOLOGICAL SURVEY ESIC OFFICES
(800) USA-MAPS

DATE OF COVERAGE	SENSOR CLASS
1973 MAR 23	VERTICAL RECONNAISSANCE
1973 MAR 23	VERTICAL RECONNAISSANCE
1973 MAR 23	VERTICAL RECONNAISSANCE
1973 MAR 23	VERTICAL RECONNAISSANCE

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
01019	127000	UNKOWN	COLOR	0%	30%	573001019 9806 9
01019	130000	UNKOWN	COLOR	0%	60%	573001019 9793 9
01019	132000	UNKOWN	COLOR	0%	90%	573001019 9807 9
Y1019	123875	6.00in OR 152mm	COLOR	0%	70%	5CITY1019 9805 9

VENDOR NAME: NEW YORK DEPT OF TRANSPORTATION MAP INFORMATION UNIT
STREET: STATE ESIC OFFICE BLDG 4 RM 105
STATE: NY
ZIP: 12232
PHONE: (518) 457-3555

DATE OF COVERAGE	SENSOR CLASS
1982 MAY	VERTICAL CARTO (IMPLIES STEREO)

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
	0006000	6.00in OR 152mm	COLOR	0%	20%	AMTRAK LINE

VENDOR NAME: COUNTY OF ONEIDA, NEW YORK REAL PROPERTY TAX SERVICES
STREET: COUNTY OFFICE BLDG 800 PARK AVE
STATE: NY
ZIP: 13501
PHONE: (315) 798-5759

DATE OF COVERAGE	SENSOR CLASS
1975 MAY	VERTICAL CARTO (IMPLIES STEREO)

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
	0024000	6.00in OR 152mm	B&W	0%	100%	ONEIDA CO. NY

VENDOR NAME: NOT REORTED
( )

DATE OF COVERAGE	SENSOR CLASS

PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS

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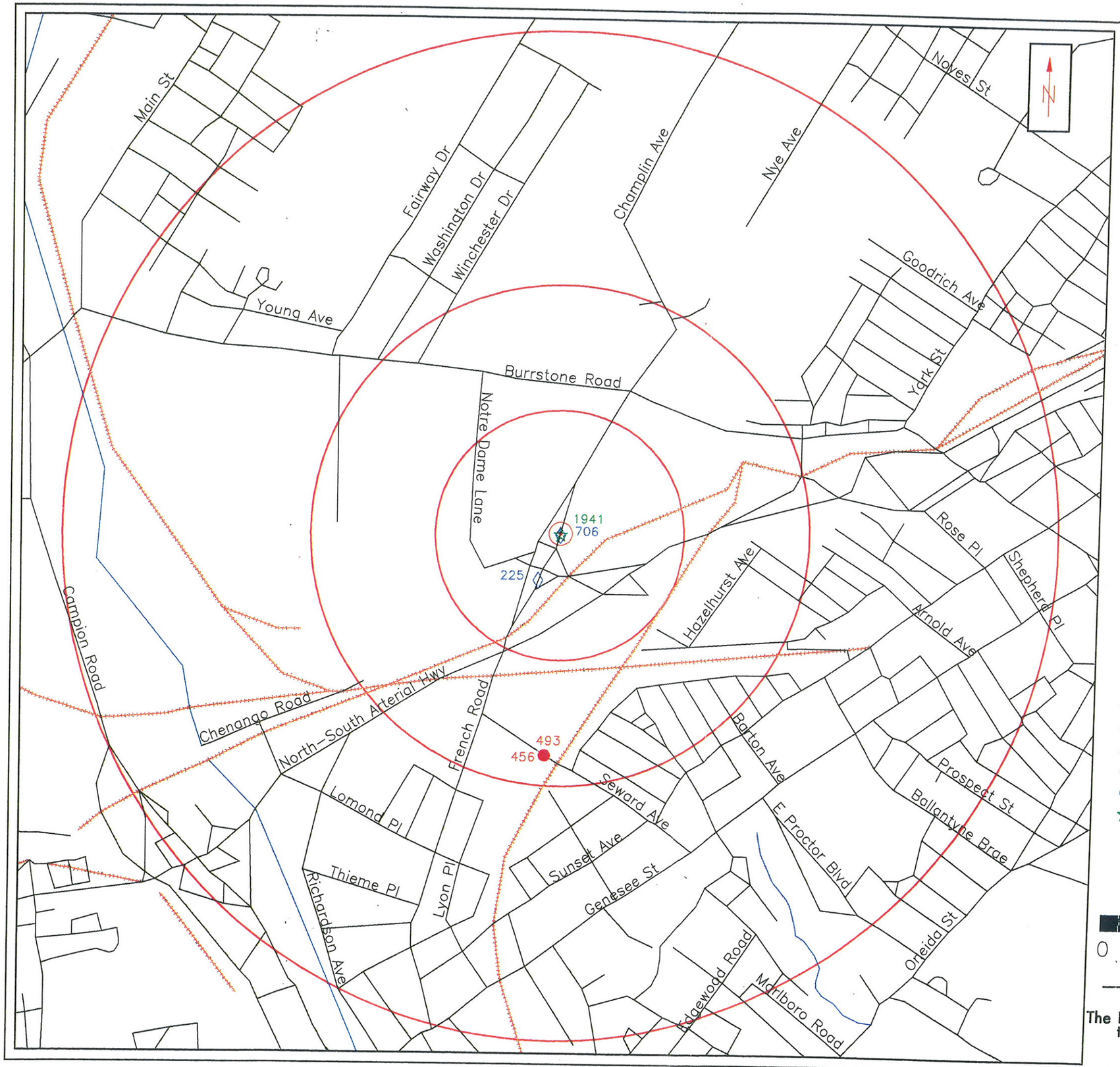
ERIIS Report #44126A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1991 MAR	VERTICAL CARTO (IMPLIES STEREO)		0036000	OTHER	B&W	0%	30%	NEW HARTFORD TWP
1991 MAR	VERTICAL CARTO (IMPLIES STEREO)		0036000	OTHER	B&W	0%	30%	UTICA & VIC,
1991 MAR	VERTICAL CARTO (IMPLIES STEREO)		0036000	OTHER	B&W	0%	30%	WHITESTOWN TWP
1991 JUL	VERTICAL RECONNAISSANCE		0013200	OTHER	COLOR	0%	100%	LEAF ON

KEYSTONE AERIAL SURVEYS INC | NORTHEAST PHILADELPHIA AIRPORT | P O BOX 21059 | PA | 19114 | (215) 677-3119

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1985	VERTICAL CARTO (IMPLIES STEREO)		0015840	8.25in OR 210mm	B&W IR	0%	100%	ONEIDA CO. NY



ERIS
505 Huntmar Park Dr, Suite 200
Herndon, VA 22070
(703)834-0600 (800)989-0402
FAX: (703)834-0606

SITE INFORMATION

Lockheed Martin
525 French Road
Utica, NY
Oneida County
Job Number: 44126A
Map Plotted: Sep 8, 1995

MAP LEGEND

- Site
- Radii 1/4, 1/2, 1 Mi
- Hydrography
- Railroads
- Roads
- NPL 0 Sites
- RCRIS_TS 0 Sites
- CERCLIS 1 Site
- NFRAP 0 Sites
- RCRIS_LG 0 Sites
- RCRIS_SG 0 Sites
- ERNS 0 Sites
- HWS 1 Site
- LRST 0 Sites
- SWF 0 Sites
- PBS 2 Sites
- MOSF 0 Sites
- CBS 1 Site

Miles

0 0.25 0.5

HISTORIC MAP SEARCH

PERTAINING TO: LOCKHEED MARTIN
525 FRENCH ROAD
UTICA, NY 13502

REPORT NUMBER: 44126A

No historic maps are available for this site in the ERIIS Historic Map Collection, for the period covering the years 1867-1990

Appendix B

Air Emissions Database

EP 00056 Process: Wave Soldering System

Aldehyde-Aniline Condensate	0.5600 lbs
Alpha Terpineol	1.1880 lbs
Cumene Hydroperoxide	0.0390 lbs
Cyclohexanol	0.0000 lbs
Diethylene Glycol Dibutyl Ether	16.9250 lbs
ETHANOL, 2-(2-BUTOXYETHOXY)-	0.0000 lbs
Ethylene Glycol Monobutyl Ether	4.2375 lbs
Heptane	0.8800 lbs
Heterocyclic Methacrylate	0.2600 lbs
HYDROXYALKYL METHACRYLATE	0.1300 lbs
Isopropyl Alcohol	529.6500 lbs
Lead	22.5296 lbs
N-Butyl Glycidyl Ether	0.0038 lbs
Petroleum Distillates	1.9200 lbs
S-Butyl Alcohol	184.0000 lbs
Tin	22.5000 lbs
Turpentine	38.3000 lbs
	823.1229 lbs

EP 00105 Process: Metal Finishing - Gold Cyanide

Ammonium Hydroxide	1.0000 lbs
Citric Acid	159.0000 lbs
Potasssium Cyanoaurate	5.9800 lbs
	165.9800 lbs

EP 00130 Process: Stenciling

Diacetone Alcohol	25.5000 lbs
Diethylene Glycol Monoethyl Ether Acetate	11.8000 lbs
Epichlorohydrin	4.0000 lbs
Ethyl 3-Ethoxypropionate	16.4000 lbs
Ethylene Glycol Monobutyl Ether	16.4000 lbs
N-Butyl Acetate	51.0000 lbs
Xylene	0.5600 lbs
	125.6600 lbs

EP 00131 Process: Stenciling

1,2-ETHANEDIAMINE, N-(2-AMINOETHYL)-N'-{2	0.4320 lbs

EP 00131 Process: Stenciling

2,4,6 TRI(DIMETHYLAMINO METHYL) PHENOL	0.2520 lbs
Bisphenol A Epichlorohydrin	0.5180 lbs
Bisphenol A Resin	0.2220 lbs
Diacetone Alcohol	25.5000 lbs
Diethylene Glycol Monoethyl Ether Acetate	24.1180 lbs
Epichlorohydrin	4.0000 lbs
Ethyl 3-Ethoxypropionate	16.4000 lbs
Ethylene Glycol Monobutyl Ether	16.6520 lbs
Methyl Isobutyl Ketone	31.0000 lbs
N-Butyl Acetate	51.0000 lbs
	170.0940 lbs

EP 00140 Process: Paint Spray Booth

1,6 - Hexane Methylene Diisocyanate	0.9480 lbs
2,4,6 TRI(DIMETHYLAMINO METHYL) PHENOL	0.1150 lbs
Acetone	15.1000 lbs
Aliphatic Hydrocarbons	173.0000 lbs
Aliphatic Polyisocyanate	20.9000 lbs
Aromatic Hydrocarbons	0.0724 lbs
Cyclohexanone	9.8800 lbs
Dichlorobenzene	43.2000 lbs
Dipropylene Glycol Methyl Ether	3.4700 lbs
Ethyl Acetate	15.0000 lbs
Ethyl Benzene	4.5698 lbs
Formaldehyde	0.1772 lbs
Heptane	0.3850 lbs
Isobutyl Alcohol	3.5300 lbs
Isopropyl Alcohol	315.7944 lbs
Methyl Alcohol	0.0178 lbs
Methyl Ethyl Ketone	136.2000 lbs
Methyl Isoamyl Ketone	12.7700 lbs
Methyl Isobutyl Ketone	85.9164 lbs
Methyl N-Amyl Ketone	52.1400 lbs
Methyl Propyl Ketone	15.1200 lbs
N-Butyl Acetate	12.0550 lbs
N-Butyl Alcohol	24.4059 lbs
NITROETHANE	1.8720 lbs
Petroleum Distillate	0.3120 lbs
Petroleum Solvent	192.5480 lbs
Phenol	43.2000 lbs
Phosphoric Acid	3.7000 lbs
POLYOXYPROPYLENE (9)	0.6240 lbs
S-Butyl Alcohol	20.6200 lbs

EP 00140 Process: Paint Spray Booth

Toluene	527.0289 lbs
Tridecyloxypropyl-1 Propanediamine	0.6240 lbs
VM&P Naphtha	14.0000 lbs
Xylene	268.1639 lbs
	2017.4597 lbs

EP 00148 Process: Solvent Dock Ventilation

Acetone	9.4000 lbs
Isopropyl Alcohol	105.3000 lbs
Methyl Ethyl Ketone	39.5000 lbs
Methyl Isobutyl Ketone	19.4000 lbs
Misc. Organics	9.4000 lbs
Naphtha	0.0190 lbs
Paint Thinner	162.2000 lbs
Toluene	10.3400 lbs
Xylene	10.3400 lbs
	365.8990 lbs

EP 00177 Process: Metal Finishing

Aluminum Oxide	17.3000 lbs
Ammonium Hydroxide	1.0000 lbs
Ammonium Perfluoroalkyl Sulfonate	2.2750 lbs
Ammonium Perfluoroalkyl Sulfonate	2.2750 lbs
Ammonium Perfluoroalkyl Sulfonate	5.0300 lbs
Ammonium Perfluoroalkyl Sulfonate	2.2750 lbs
Ammonium Perfluoroalkyl Sulfonate	2.2750 lbs
Dodecylbenzenesulfonic Acid	28.0000 lbs
Ethanol, 2-(2-Butoxyethoxy)-	88.7000 lbs
Ethanolamine	23.7000 lbs
Fluoride	6.7300 lbs
Hydrochloric Acid	114.8000 lbs
Hydrofluoric Acid	378.0000 lbs
Hydrogen Peroxide	49.1000 lbs
Iodine	85.0000 lbs
Isopropyl Alcohol	83.1000 lbs
Methyl Alcohol	41.0064 lbs
Nitric Acid	195.0000 lbs
o-Dichlorobenzene	47.5000 lbs
Perchloroethylene	47.5000 lbs
Phenol	15.0000 lbs

EP 00177 Process: Metal Finishing

Potassium Iodide	223.0000 lbs
Sodium Hydroxide	252.3000 lbs
Sulfuric Acid	204.0000 lbs
Toluene Sulfonic Acid	22.3000 lbs
Xylene	188.0000 lbs
	2125.1664 lbs

EP 00181 Process: Potting - General Chemical Use

Dichlorofluoroethane	1.5542 lbs
Isopropyl Alcohol	0.0654 lbs
Tetrafluoroethane	0.0164 lbs
	1.6360 lbs

EP 00184 Process: Boiler

Carbon Monoxide	2438.0000 lbs
Misc. Organics	195.0000 lbs
Nitrogen Oxides	9753.0000 lbs
Particulates	209.0000 lbs
Sulfur Dioxide	41.8000 lbs
	12636.8000 lbs

EP 00185 Process: Boiler

Carbon Monoxide	2438.0000 lbs
Misc. Organics	195.0000 lbs
Nitrogen Oxides	9753.0000 lbs
Particulates	209.0000 lbs
Sulfur Dioxide	41.0000 lbs
	12636.0000 lbs

EP 00195 Process: Spray Cleaning

Acetone	0.1300 lbs
Dichlorofluoroethane	1.5542 lbs
Ethyl Cyanoacrylate	1.2350 lbs
Isobutane	0.1950 lbs

EP 00195 Process: Spray Cleaning

Isopropyl Alcohol	3000.4294 lbs
Propane	0.0650 lbs
Tetrafluoroethane	0.0164 lbs
Trichlorotrifluoroethane	0.9750 lbs
	3004.6000 lbs

EP 00206 Process: IR - General Chemical Use

Acetone	79.8000 lbs
Aromatic Glycidyl Ether	1.0170 lbs
Butyl Glycidyl Ether	2.3000 lbs
Ethylene Diamine	0.0011 lbs
Isopropyl Alcohol	78.6000 lbs
Methyl Alcohol	0.0055 lbs
N-Butyl Alcohol	0.0055 lbs
Xylene	0.4950 lbs
	162.2241 lbs

EP 00207 Process: Materials Lab Hood

1-Methyl-2-Pyrrolidinone	0.1560 lbs
2-Butanol	1.9300 lbs
2-Butoxy Ethanol	0.9390 lbs
Acetic Acid	2.1600 lbs
Acetone	1.7400 lbs
Ammonium Hydroxide	0.5630 lbs
Ammonium Sulfide	0.0266 lbs
Carbon Dioxide	300.0000 lbs
Chloroform	26.4000 lbs
Diethylene Glycol Bis Ether	0.0024 lbs
Ethanol	1.9300 lbs
Ethyl Benzene	0.0037 lbs
Ethyl Silicate	0.0000 lbs
Ethylene Glycol	1.1600 lbs
Ethylene Glycol Monomethyl Ether	2.0100 lbs
Formaldehyde	1.0400 lbs
Glycyl Alcohol	11.9000 lbs
Hexanes	0.7300 lbs
Hydrochloric Acid	119.0078 lbs
Isopropyl Alcohol	32.9500 lbs
Methacrylic Acid	0.2560 lbs
Methyl Alcohol	16.0864 lbs

EP 00207 Process: Materials Lab Hood

Methyl Ethyl Ketone	1.7400 lbs
Methyl Isobutyl Ketone	1.6800 lbs
Methyl Methacrylate	0.7690 lbs
Methyl Propane	0.6240 lbs
Methylene Chloride	4.6500 lbs
Methyltriacetoxysilane	0.0000 lbs
Mineral Spirits	0.7500 lbs
Monoethanolamine	2.2800 lbs
N-Butyl Acetate	0.9250 lbs
Nitric Acid	12.5000 lbs
Petroleum Ether	1.3400 lbs
Potassium Cyanoaurate	0.0040 lbs
Propane	0.1560 lbs
Propanol	0.6700 lbs
Propylene Glycol Monomethyl Ether	3.8300 lbs
Propylene Methyl Ether Acetate	0.0230 lbs
Terpene Hydrocarbon	0.5250 lbs
Thiourea	2.9300 lbs
Toluene	0.9890 lbs
Triethanolamine	0.5860 lbs
VM&P Naphtha	15.4000 lbs
Xylene	1.0000 lbs
	574.3619 lbs

EP 00208 Process: Materials Lab Hood

1,3-Diphenyl Guanidine	0.0017 lbs
2,4,6 TRI(DIMETHYLAMINO METHYL) PHENOL	0.0164 lbs
2,Propenoic Acid, 2 Methyl-, Methyl-	0.0030 lbs
2-Ethoxyethyl Acetate	0.0012 lbs
4,4-Methylenedianiline	0.0308 lbs
Acetic Acid	2.1600 lbs
Acetone	0.3551 lbs
Acrylic Acid	0.0035 lbs
Aromatic Isocyanate	0.0205 lbs
Benzene	2.0000 lbs
BENZOYL PEROXIDE	0.0041 lbs
Benzyl Alcohol	0.0000 lbs
Bisphenol A Epichlorohydrin	0.0583 lbs
Bisphenol A Resin	0.0284 lbs
Cumene Hydroperoxide	0.0017 lbs
Diethylene Glycol Dibutyl Ether	0.0000 lbs
Diethylene Glycol Monobutyl Ether	0.0228 lbs
Diethylenetriamine	0.0505 lbs

EP 00208 Process: Materials Lab Hood

DIISOPROPYL-P-TOLUIDINE	0.0017 lbs
Dimethoxy Methane	0.0013 lbs
DIMETHYLANILINE (N-DIMETHYL-ANILINE)	0.0017 lbs
Epichlorohydrin	0.0033 lbs
Ethyl Acetate	0.0293 lbs
Ethyl Alcohol	3.3600 lbs
Ethyl Silicate	0.0153 lbs
Heptane	0.0033 lbs
Hydrochloric Acid	119.0000 lbs
Isopropyl Alcohol	6.6000 lbs
Lead	0.0000 lbs
METHACRYLIC ACID	0.0034 lbs
Methyl Alcohol	1.7664 lbs
Methyl Ethyl Ketone	0.1488 lbs
Methyl Isobutyl Ketone	0.0085 lbs
METHYL METHACRYLATE	0.0170 lbs
Methylene Chloride	0.0284 lbs
METHYLTRIACETOXY SILANE	0.0217 lbs
Methyltrimethooxysilane	0.0213 lbs
Mineral Spirits Varsol 18	0.0055 lbs
Miscellaneous Organics	2.5300 lbs
N,N-Dialkyltoluidine	0.0034 lbs
N-Butyl Alcohol	0.0013 lbs
N-Butyl Glycidyl Ether	0.0105 lbs
N-Hexane	0.0035 lbs
N-Propyl Alcohol	0.0012 lbs
Naphtha	0.0420 lbs
Nitric Acid	12.5000 lbs
Petroleum Distillate	0.0112 lbs
Petroleum Solvent	0.0000 lbs
POLYDIMETHYLSILOXANE	0.0273 lbs
PROPYLENE GLYCOL METHYL ETHER	0.0015 lbs
Propylene Glycol Monomethyl Ether Acetate	0.0052 lbs
Resorcinol Diglycidyl Ether	0.0000 lbs
T-Butyl Alcohol	0.0013 lbs
Toluene	0.0516 lbs
Toluene 2,4-Diisocyanate	0.0002 lbs
Trialkylammonium Carboxylate	0.0004 lbs
Trichloroethylene	0.0041 lbs
Triethylenetetramine	0.0319 lbs
VINYLDIMETHYLPOLYSILOXANE	0.0250 lbs
VM&P Naphtha	0.1370 lbs
Xylene	0.0250 lbs

EP 00229 Process: Stencil / Marking Curing Ovens

Tetraethylenepentamine	6.5700 lbs
Toluene	0.0508 lbs
Triethylene Glycol Monomethyl Ether	18.6720 lbs
	381.1396 lbs

EP 00230 Process: Lab 20 - General Chemical Use

Ethylenediamine	0.0091 lbs
Methyl Alcohol	0.0523 lbs
Misc. Organics	21.1000 lbs
N-Butyl Alcohol	0.0459 lbs
S-Butyl Alcohol	0.0115 lbs
Tetraethyl Orthosilicate	1.3800 lbs
Xylene	4.1300 lbs
	26.7288 lbs

00231 Process: Spray Cleaning

Aliphatic Glycol Ether Ester	5.3400 lbs
Alpha Terpineol	5.1540 lbs
Isopropyl Alcohol	1675.0000 lbs
Methyl Isobutyl Ketone	4.1000 lbs
Misc. Organics	16.0000 lbs
N-Butyl Alcohol	4.1000 lbs
Particulates	0.1100 lbs
Toluene	8.6000 lbs
Xylene	4.1000 lbs
	1722.5040 lbs

EP 00232 Process: CFM - General Chemical Use

1,2-ETHANEDIAMINE, N-(2-AMINOETHYL)-N'-{2	0.2275 lbs
1-Trimethylenetriamine	0.0341 lbs
2,4,6 TRI(DIMETHYLAMINO METHYL) PHENOL	7.6145 lbs
2-Butoxy Ethanol	0.0170 lbs
2-Methoxy-1-Propanol Acetate	0.2353 lbs
2-PYRROLIDINONE, 1-ETHENYL-	0.7000 lbs
4,4-Methylenedianiline	0.8000 lbs
Acetone	36.2700 lbs
Acetoxysilane	0.4000 lbs

EP 00232 Process: CFM - General Chemical Use

Acrylonitrile	0.1895 lbs
Aliphatic Glycol Ether Ester	17.3700 lbs
Aliphatic Hydrocarbons	0.5960 lbs
Aromatic Isocyanate	0.1926 lbs
Benzene	0.0600 lbs
Benzene, 2,4-Diisocyanatomethyl-	0.0770 lbs
BENZOYL PEROXIDE	0.1300 lbs
Bisphenol A Epichlorohydrin	34.1700 lbs
Butyl Acetate	2.9500 lbs
Butyl Alcohol	0.7880 lbs
Butyl Glycidyl Ether	3.9300 lbs
Carbon Dioxide	0.3100 lbs
Diacetone Alcohol	1.4700 lbs
Dichlorofluoroethane	22.8000 lbs
Diethylene Glycol Monoethyl Ether Acetate	86.3940 lbs
Diethylenetriamine	7.2000 lbs
DIISOPROPYL-P-TOLUIDINE	0.0060 lbs
Dimethoxy Methane	0.1900 lbs
Dimethyl Acetamide	4.4000 lbs
DIMETHYLANILINE (N-DIMETHYL-ANILINE)	0.0180 lbs
Diphenylmethane Diisocyanate	0.0006 lbs
Dipropylene Glycol Methyl Ether Acetate	0.0500 lbs
Epichlorohydrin	0.0000 lbs
Ethyl 3-Ethoxypropionate	1.5200 lbs
Ethyl Benzene	61.0010 lbs
Ethyl Silicate	1.1000 lbs
Ethylene Glycol Monobutyl Ether	20.1945 lbs
Formaldehyde	0.0188 lbs
Formic Acid	0.5870 lbs
Hydrochloric Acid	0.0040 lbs
Isopropyl Alcohol	2312.3600 lbs
Ketone / Glycol Ether Blend	935.0000 lbs
METHACRYLIC ACID	0.0100 lbs
Methoxysilane	0.0530 lbs
Methyl Alcohol	0.0120 lbs
Methyl Ethyl Ketone	151.3910 lbs
Methyl Isobutyl Ketone	47.0000 lbs
METHYL METHACRYLATE	0.1970 lbs
Methylene Chloride	4.4700 lbs
Methylene Dianiline	2.4400 lbs
Methyltrimethoxysilane	9.4600 lbs
Misc. Organics	44.8000 lbs
N-Butyl Acetate	3.2500 lbs
N-Butyl Alcohol	35.5080 lbs
N-Butyl Glycidyl Ether	1.0201 lbs
N-Hexane	0.2500 lbs

EP 00232 Process: CFM - General Chemical Use

n-Methyl-2-Pyrolidone	1.5200 lbs
Naphtha	11.9540 lbs
Naphtha (Petroleum), Hydrotreated Heavy	29.2500 lbs
Organic Solvents	252.0000 lbs
Particulates	0.2520 lbs
Petroleum Disillates	0.1600 lbs
Petroleum Distillates	0.0398 lbs
Phenol	0.3390 lbs
Photoinitiator	0.1050 lbs
Polymeric Hexamethylene Diisocyanate	0.0275 lbs
PROPANOIC ACID, 2-HYDROXY-, ETHYL ESTER	441.0000 lbs
PROPANOIC ACID, BUTYL ESTER	441.0000 lbs
Propylene Glycol Methyl Ether	5.2000 lbs
Propylene Glycol Monomethyl Ether Acetate	107.1477 lbs
Reactive Polyamide	28.5000 lbs
Resorcinol Diglycidyl Ether	0.6400 lbs
T-Butyl Alcohol	1.6300 lbs
Tetraethylenepentamine	6.5700 lbs
Tetrafluoroethylene	0.2400 lbs
Toluene	300.9960 lbs
Toluene 2,4-Diisocyanate	1.1690 lbs
Trichloroethylene	0.1300 lbs
Triethylene Glycol Monomethyl Ether	0.0720 lbs
Triethylenetetramine	18.7500 lbs
Vinyl Cyclohexene Dioxide	0.1600 lbs
VM&P Naphtha	22.1000 lbs
Xylene	364.0570 lbs
	5896.2455 lbs

EP 00233 Process: Micro Clean Room Ventilation

1-Methyl-2-Pyrrolidinone	0.3530 lbs
2-Butoxy Ethanol	30.6000 lbs
2-Ethoxyethyl Acetate	7.8000 lbs
Aromatic Petroleum Distillate	0.1770 lbs
Benzophenone	16.9000 lbs
Cumene	0.0209 lbs
CYCLIZED POLYISOPRENE	0.1240 lbs
Ethylene Glycol Monomethyl Ether	0.0103 lbs
Isopropyl Alcohol	6.5300 lbs
Methacrylic Acid	1.2000 lbs
Methyl Alcohol	171.3064 lbs
Methyl Methacrylate	1.2000 lbs
Methylene Chloride	1.2000 lbs

EP 00233 Process: Micro Clean Room Ventilation

N-Butyl Acetate	15.3000 lbs
n-Butyrolactone	1.1800 lbs
Naphtha (Petroleum), Hydrotreated Heavy	12.6000 lbs
Propylene Glycol Monomethyl Ether	2.2900 lbs
Stoddard Solvent	13.2000 lbs
Triethylene Glycol Diacetate	1.2000 lbs
Trimethylbenzene	2.6100 lbs
Xylene	2.7900 lbs
	288.5916 lbs

EP 00234 Process: Salt Spray Atomizer

Sodium Chloride	0.6760 lbs
	0.6760 lbs

00235 Process: Vacuum Pump Ventilation

Petroleum Distillates	0.6760 lbs
	0.6760 lbs

EP 00236 Process: Vacuum Pump Ventilation

Heavy Paraffinic Petroleum Distillates	0.0378 lbs
	0.0378 lbs

EP 00238 Process: CFM - Marking Curing Ovens

Ethyl Benzene	0.2750 lbs
Methyl Ethyl Ketone	0.2750 lbs
Propylene Glycol Monomethyl Ether Acetate	1.1200 lbs
Toluene	0.2750 lbs
Xylene	2.0170 lbs
	3.9620 lbs

EP 00239 Process: CFM - EMC Cleaning System

EP 00239 Process: CFM - EMC Cleaning System

Isopropyl Alcohol	2500.0000 lbs
Terpene Hydrocarbon	885.0000 lbs
	3385.0000 lbs

EP 00241 Process: Micro Curing Ovens

1,4-Butonediol Diglycicyl Ether	0.0280 lbs
Aliphatic Esters	5.6000 lbs
Aromatic Amine	0.0270 lbs
Diglycidylether	0.0000 lbs
Ethyl Benzene	0.0003 lbs
Methyl Isobutyl Ketone	0.0013 lbs
N-Butyl Alcohol	0.0001 lbs
O-Cresyl Glycidyl Ether	0.0010 lbs
Polyamide	0.0060 lbs
Propylene Glycol Methyl Ether	0.0005 lbs
Propylene Glycol Monomethyl Ether Acetate	0.0030 lbs
Resorcinol Diglycidyl Ether	0.0020 lbs
Toluene	0.0036 lbs
Toluene 2,4-Diisocyanate	0.0077 lbs
Vinyl Cyclohexene Dioxide	0.0005 lbs
Xylene	0.0011 lbs
	5.6821 lbs

EP 00242 Process: Potting Curing Ovens

N-Butyl Acetate	0.3330 lbs
N-Butyl Alcohol	0.1998 lbs
Phenol	0.3120 lbs
Toluene	0.7992 lbs
Triethylene Glycol Monomethyl Ether	3.3000 lbs
	4.9440 lbs

EP 00247 Process: Potting Curing Ovens

2,4,6 Tri(Dimethylamino Methyl) Phenol	0.2760 lbs
Dichlorofluoroethane	1.5542 lbs
Diethylene Glycol Monoethyl Ether Acetate	5.9150 lbs
Ethylene Glycol Monobutyl Ether	0.3150 lbs
Isopropyl Alcohol	0.0654 lbs

EP 00247 Process: Potting Curing Ovens

N-Butyl Acetate	7.9920 lbs
N-Butyl Alcohol	4.7952 lbs
N-Butyl Glycidyl Ether	0.0041 lbs
Phenol	0.3120 lbs
Tetrafluoroethane	0.0164 lbs
Toluene	19.1808 lbs
Toluene 2,4-Diisocyanate	0.0097 lbs
Triethylene Glycol Monomethyl Ether	25.4760 lbs
	65.9118 lbs

EP 00248 Process: Potting Solvent Hood

4,4-Diphenylmethane Diisocyanate	0.0500 lbs
Acetone	3.1236 lbs
Benzene	0.0000 lbs
CHLOROBENZENE	0.0500 lbs
Cyclohexanone	0.1500 lbs
Ethyl Cyanoacrylate	29.6400 lbs
Isobutane	4.6800 lbs
Isopropyl Alcohol	0.0156 lbs
Methyl Ethyl Ketone	0.0352 lbs
N-Butyl Alcohol	0.0006 lbs
N-Butyl Glycidyl Ether	0.0979 lbs
Phenol	0.0004 lbs
Propane	1.5600 lbs
Toluene	0.0036 lbs
Toluene 2,4-Diisocyanate	0.2323 lbs
Trichloroethylene	0.3000 lbs
Trichlorotrifluoroethane	23.4000 lbs
	63.3392 lbs

EP 00249 Process: Tech Pubs Solvent Hood

1-PROPENE, 3-ISOTHIOCYANATO-	0.0003 lbs
2-PROPANOL, 1-METHOXY-, ACETATE	32.1970 lbs
Acetone	182.9055 lbs
Aromatic Hydrocarbons	0.4850 lbs
Diacetone Alcohol	0.0259 lbs
Ethyl Benzene	9.4850 lbs
Ethylene Glycol Monobutyl Ether	0.4100 lbs
Heptane	1.3580 lbs
Isobutane	11.3570 lbs

EP 00249 Process: Tech Pubs Solvent Hood

Isobutyl Alcohol	0.0625 lbs
Isopropyl Alcohol	0.5155 lbs
Methyl Ethyl Ketone	34.6480 lbs
Methyl Isobutyl Ketone	8.6780 lbs
N-Butyl Acetate	0.0250 lbs
N-Butyl Alcohol	2.6230 lbs
N-Hexane	0.0000 lbs
Naphtha	1.9400 lbs
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	25.3430 lbs
Petroleum Distillates	0.1605 lbs
Propane	80.1330 lbs
PROPELLANT	0.3400 lbs
Propylene Glycol Monomethyl Ether Acetate	29.3000 lbs
Toluene	23.7697 lbs
VM&P Naphtha	1.1320 lbs
Xylene	40.1790 lbs
	487.0729 lbs

00251 Process: 3M Card Duplicator

Ammonia	104.0000 lbs
	104.0000 lbs

EP 00252 Process: West Lot SVE System

ETHENE, 1,2-DICHLORO-, (E)-	60.4000 lbs
Ethyl Benzene	34.2000 lbs
Tetrachloroethylene	62.2000 lbs
Toluene	422.2000 lbs
Trichloroethylene	297.8000 lbs
Xylene	138.4000 lbs
	1015.2000 lbs