



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**GM WILMINGTON ASSEMBLY PLANT
801 BOXWOOD ROAD
WILMINGTON, DELAWARE**

**Prepared for:
Motors Liquidation Company**

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EXECUTIVE SUMMARY

Conestoga-Rovers & Associates (CRA) was retained by Motors Liquidation Company (MLC) to complete a Phase I Environmental Site Assessment (ESA) of the former GM Wilmington Assembly Plant property and buildings located at 801 Boxwood Road in Wilmington, Delaware (Property or Site or Facility). MLC is considering divestiture of the Site. The purpose of the Phase I ESA was to identify Recognized Environmental Conditions (RECs), as defined in ASTM Standard E1527-05 (the Standard), at the Site. In addition to identifying RECs at the Site, this ESA included an evaluation of specific non-scope considerations as defined in the Standard. This ESA was conducted to assist MLC in conducting all appropriate inquiries into previous ownership and use of the Site to evaluate business environmental risk (BER), as defined in the Standard, for the Site. The Phase I ESA Site inspection was conducted by CRA on October 5 through 7 and December 1, 2009.

The facility consists of the Main Manufacturing Facility Building, Modular Paint Building, Tire Building, Grit Separator Building, Anchor Building, Waste Water Treatment Plant (WWTP), Garage, Compressed Air Dryer Building, Switch Gear Building, Productive Fluids Pump House, Power House, Fire Pump House Nos. 1, 2 and 3, Guard Houses (West and South West), and bulk product tank farms. Until 2009, the Site had been an automobile assembly facility. There is an additional 15-acre wooded parcel located at the northeastern corner of the Site.

FINDINGS & OPINION

Based on the Phase I ESA including the Site inspection, database search, historic records reviewed, information provided by Site personnel, and interviews, the following potential issues were identified regarding RECs, historic RECs, de minimis conditions, and business environmental risk as defined in the Standard, at the Site:

- i) **AST F:** AST F is a 250,000-gallon, vertical AST with a diameter of 40 feet and a height of 27 feet located within an earthen berm in the tank farm on the western side of the plant that contained No. 6 fuel oil. In a September 24, 2009 letter, DNREC requested additional investigation of the soil and groundwater in the vicinity of this AST be conducted, subsequent to the initial investigation associated with tank closure activities. The Tank F Investigation Work Plan was submitted to DNREC on November 11, 2009 and outlines a scope of work to further delineate the horizontal and vertical extent of the soil and groundwater impacts above the Delaware Universal Risk-based Remediation Standards

(URs). As such, further investigation of this AST is on-going and the exceedance of the URs is an REC.

- ii) **AST G:** AST G is a 250,000-gallon, vertical AST with a diameter of 40 feet and a height of 27 feet located within an earthen berm in the tank farm on the western side of the plant that contains No. 6 fuel oil. There was no visual or documented evidence to suggest a release to the environment has occurred associated with the AST G system. However, a release associated with the AST F system, of equivalent size and age, was discovered during AST closure activities with no prior evidence to suggest a release associated with the AST F system had occurred. As such, AST G is a BER.
- iii) **ASTs P and Q:** ASTs P and Q are 6,000-gallon, vertical steel tanks with conical bottoms located within the Mod Paint Building near column QQ18 that contained a waste solvent. These ASTs are located on a concrete base within a secure room inside the Mod Paint Building. Truck loading activities were conducted directly to the west of the tanks. No information is available to indicate that releases have occurred from these ASTs and/or the associated loading area. Since there is no evidence of a release to the environment, ASTs P and Q and the associated loading area are not considered RECs; however, the outside loading area is a BER.
- iv) **Power House AST:** A 300-gallon AST containing diesel oil is located in the basement of the Power House. The AST does not have secondary containment. It is located on a concrete floor which appeared to be in good condition. Oil-absorbing mats had been placed on the floor on one side of the AST and are soaked with oil. An examination of the AST did not find a leak or hole in the AST. However, the source of the oil could not be determined. Since there is no evidence of a release to the environment, this AST is not an REC, but is a BER.
- v) **Kolene Tank:** According to Facility personnel, a tank referred to as the "kolene tank" was located at column line FF21 on the first floor of the Main Manufacturing Building and contained molten salt. According to Facility personnel and based on review of available information, the kolene tank was closed in place by allowing its contents to solidify. The tank's contents included, but were not necessarily limited to, lead and other metals, paint pigments, and salt. The tank's solidified contents were then covered with concrete to the elevation of the surrounding slab. Analytical data indicated that the contents of the tank are RCRA-hazardous for lead. No information is available to determine whether this waste has impacted the soil or groundwater. Since this tank contains material that would be a hazardous waste if it was removed, it is an REC.

- vi) **Diesel Oil UST by Power House:** According to the 1995 GM Legal Counsel memorandum (GM, 1995), a 550-gallon UST was installed within 20 feet of the Power House at the time that the Power House was constructed. This UST reportedly supplied diesel oil to the Power House for the initial start-up of the boilers. No information was available to determine the location of the UST or if clean closure of this UST was achieved; therefore, the Diesel UST is an REC.
- vii) **Modular Paint Pits:** The Mod Paint Building was constructed in 1985 for the painting of vehicles at the assembly plant. Material received in the mod paint pits consisted of paint sludge. According to Facility personnel, the known contaminants of concern include tin and aromatic volatile organic compounds (VOCs). The Facility inspection found groundwater infiltrating the mod paint pits through joints in the concrete. This would indicate that the concrete lining of the pits may not be an adequate barrier to protect the soil and groundwater beneath from a potential release. No information was available to show that releases from the pits had occurred; however, the lack of integrity of the pits provides a means of release to the underlying soil and is an REC.
- viii) **Acetylene Sludge Pit:** An acetylene sludge pit was historically operated exterior to the Main Assembly Building. No information reviewed by CRA confirmed the construction details of the pit; however, it was reportedly concrete lined (GM, 1995). No information was available regarding closure of the pit. Therefore, it is an REC.
- ix) **WWTP Sump:** The WWTP sump was installed when the WWTP plant was built in 1985. It is approximately 18 feet deep, constructed of concrete, and is located in the center of the WWTP Building. No information was available to determine the integrity of the sump. This sump is not considered to be an REC, but is a BER.
- x) **Hydraulic Lifts:** Prior to 1997, a hydraulic lift station was located in the area of column N4. This former lift system and its associated piping and tanks were approximately 30 years old at the time of the lift station removal and did not contain any leak detection devices. When this station was removed, petroleum odors and visibly stained soils were observed and it was assumed that a release of hydraulic oil from the hydraulic fluid reservoirs had occurred. Remediation of the impacted soil was completed in November 1996 and was acceptable to DNREC, but left residual TPH contamination above 1,000 ppm. The presence of the TPH above state unrestricted use criteria is an REC.
- xi) **Old Hazardous Waste Accumulation Former Tank Storage Area:** The old hazardous waste accumulation area is an approximate 20,000 square-foot concrete pad located outside on the north side of the Main Assembly Building

that was installed in 1967. CRA visually inspected the old hazardous waste accumulation area at the time of the Site inspections. The old hazardous waste accumulation area appeared to be in poor condition, with a considerable number of cracks and open seams in the concrete floor. No information was available to determine the condition of the old hazardous waste accumulation area at the time of historical operations. In 1992 DNREC notified GM that this area could be closed without a Closure Plan. Based on the condition of the accumulation area and the historical operations in the area, it is an REC.

- xii) **New Hazardous Waste Accumulation Area:** The new hazardous waste accumulation area is an approximate 3,750 square-foot concrete pad located on the north side of the Main Assembly Building. No information was available to indicate that a release had occurred from this storage area and the area was found to be in good condition. Based on the condition of the accumulation area and the management practices of the period in which it was operated, the new hazardous waste accumulation area is not considered an REC but is a BER.
- xiii) **Test Track Waste Storage Area:** According to Facility personnel interviewed on October 7, 2009, non-hazardous solid waste material consisting of scrap pallets and paper were placed in piles on the ground and burned in an open area located approximately 200 feet east of the current Tire Building. Refuse was piled in this area and burned to completion using paint solvent to start the fire. These activities continued through the mid-1980's. An area of disturbed soil, which is approximately 2.2 acres in size, could be seen in this area in the 1962 aerial photograph. According to the 1995 Liability Assessment Report, this area corresponds to the area in which paint sludge and/or other sludges were also historically stored. In approximately the same area, a material resembling paint sludge was discovered while digging fence post holes (GM, 1998). Additional holes advanced west of the area found that the layer of material appears to become thinner towards the Tire Building. This sludge that was removed from the post holes was RCRA hazardous for lead. No investigations have been conducted in this area to determine the concentrations or the full extent of residuals remaining, if any. Therefore, this area is an REC.
- xiv) **Waste Storage Area South of Anchor Building:** According to Facility personnel interviewed on October 7, 2009, waste material was historically stored on asphalt to the south of the Anchor Building. This waste consisted of pallets and other trash that was subsequently transported to a local landfill for disposal as non-hazardous waste. This area was paved with asphalt that was observed to be in good condition with few cracks. Due to historical waste storage operations south of the Anchor Building, this area is a BER.

- xv) **ELPO Area:** The historical and current ELPO areas are located in approximately the same area of the Facility. CRA visually inspected the ELPO area and found areas of degraded concrete that may have been penetrated by ELPO solutions. Based on the poor integrity of the concrete and the materials used in former operation in this area, there is a potential for a release to the environment. Based on the condition of the concrete, this area is an REC.
- xvi) **Phosphate Area:** The historical phosphate area was located on the first floor of the Main Assembly Building between column lines FF through JJ and between column lines 28 and 29. According to the Facility personnel and based on review of available information, phosphoric acid and chromates were used in this area. The current phosphate area is located one bay to the north of the historical system, between column lines FF30 and MM30 and, from there, south to MM26. According to a historical assessment of the Facility, phosphate coating referred to as Bonderite was spilled or released in this area in 1983. At the time of the Site inspections, the phosphate area concrete was found to be in poor condition. Based on the poor integrity of the concrete and the materials used in former operations at this area, there is potential for a release to the environment. Based on the condition of the concrete, this area is an REC.
- xvii) **Grit Separator Building:** The Grit Separator Building receives wastewater from the Facility's lift stations and ELPO AST. Two ASTs act as settling chambers for grit and sludge prior to transfer to the Facility's WWTP. Accumulated grit and sludge was periodically removed from the settling tanks for appropriate off-site disposal. Until the early 1990's, a 1,000-gallon waste oil AST was located within the Grit Separator Building for the collection of oil from the wastewater. CRA visually inspected the Grit Separator Building and found areas of stained concrete. However, the concrete floor slab was found to be in good condition. There is potential for a release to the environment as a result of these operations. Because of the staining and the length of time that this area was used, the Grit Separator Building is a BER.
- xviii) **Petroleum Dispensing Area:** A petroleum dispensing station is located on the northern wall of the southern half of the Anchor building. Overhead product lines run from the southeastern corner of the building to the dispensing area. The dispensing area is surrounded by a low concrete dike. CRA visually inspected the petroleum dispensing area and found moderate staining at the time of the Site inspections. No information was available to determine whether a release to the environment had occurred from the petroleum dispensing area. Because of the staining and the length of time that this area was used, it is an REC.

- xix) Former Petroleum Dispensing Area:** A set of fuel islands for fueling the trucks from the ASTs at the Anchor Trucking facility were located directly to the east of these former ASTs. The area is now covered with asphalt and there are no signs of the former dispensing islands. Given that no closure documentation was available for review by CRA and the presence and age of underground piping, the potential for a release to the environment from the petroleum dispensing area is moderate to high. Because underground piping may have been in contact with soil, this dispensing area is an REC.
- xx) OU-2 Area:** The soil and groundwater in the area of the bulk product tank farm has been impacted with VOCs. This area is being remediated with monitored natural attenuation and groundwater monitoring. The presence of VOCs above unrestricted use criteria is an REC.
- xxi) Lift Stations:** Lift stations are located throughout the plant in order to pump accumulated process water to the on-site WWTP. No information was available regarding the integrity of the concrete in these lift stations. Due to the age of these lift stations (i.e., greater than 30 years), they are RECs.
- xxii) PCBs:** Historical documents indicate the use of PCB-containing hydraulic and process oils at specific sample locations in the Facility. Non-porous oil stained surfaces such as I-beams, sheet metal walls, metal grate and mezzanine floors, and ceiling areas near equipment that have operated historically with PCB oils could contain PCBs.
- Conveyor equipment, including concrete lined in-ground towveyors, is located in many portions of the Main Assembly Building. Historical documentation indicates that the lubricants applied to the conveyor drive chains contained PCBs. Staining of the concrete that is below the in-ground towveyor system was observed by CRA during the Site inspections.
- Because of the presence of PCBs in the oils and lubricants in some of the equipment that operated in the facility, the oil stained porous and non-porous surfaces near this equipment are an REC.
- xxiii) Railroad Tracks:** Three railroad spurs enter the facility on the north side of the Main Assembly Plant. Two additional spurs entered the Property in the past. No information is available regarding releases that may have occurred in the area of these tracks either from the materials of construction or releases to the tracks from materials carried in the railroad cars. Therefore, the railroad tracks are not considered to be RECs, but are a BER at the Site.
- xxiv) March 31, 1976 Diesel Oil Release:** On March 31, 1976, a release of diesel oil was discovered in the tank farm area directly to the south of the 40,000-gallon

unleaded gasoline tank. The release was suspected to have come from a diesel oil pipeline connecting the 60,900-gallon diesel oil tank, which is located directly to the west of the gasoline tank, to the Power House. Oil flowed out onto an area of approximately 1,050 square feet. No information regarding the actual source of the leak was found in the Facility files reviewed by CRA. According to Facility records, 4,528 cubic feet of impacted soil were removed from the area. No closure documentation was available in the files reviewed by CRA and no post-excavation samples appear to have been collected. Based on the lack of confirmatory data, the release and potential residuals remaining in Site soils is an REC.

xxv) July 23, 1990 Wastewater Release: On July 23, 1990, during construction in the area of the ELPO AST, the waste line that connects the AST to the transfer pumps was damaged, releasing ELPO wastewater to the ground surface in the vicinity of column line DD30. It is estimated that approximately 250 to 300-gallons of ELPO wastewater were released to the storm sewer network. Although much of the release was captured, some contaminants were released to the environment. The soil and sediment analytical results, for samples which had been collected, were not available in the Facility files reviewed by CRA. No information was available to determine whether there had been impact to the soil or groundwater. Because most or all of this wastewater was recaptured and given the age of the release, this release is not considered an REC, but is a BER.

xxvi) July 1, 1991 Sanitary Effluent Release: At approximately 6:30 a.m. on July 1, 1991, a release of an undocumented amount of sanitary effluent occurred. The sanitary effluent release occurred as a result malfunctioning pumps in the sanitary lift station which allowed the water level in the lift station to reach capacity and overflow into a nearby storm sewer catch basin. The sluice gates to the stormwater collection system were closed and the sanitary effluent, along with approximately 25,000 gallons of stormwater, was pumped back to a holding tank. GM notified DNREC's spill hotline. On July 1, 1991, two discrete samples of stormwater (i.e., GM-1 and GM-1p) were collected down-stream of the sluice gates for laboratory analysis of fecal coliform and lead, respectively. The July 1, 1991 sample results indicated that the stormwater below the gates exhibited fecal coliform count above 1,600 and non-detectable values for lead. On July 2, 1991, two three-point composite samples (i.e., GM-2 and GM-2p) were collected from the water that was pumped from the storm ditch for laboratory analysis of fecal coliform and lead, respectively. The results of the July 2, 1991 sample indicated the sanitary/stormwater collected following the release exhibited fecal coliform count at 1,600 and lead at 0.1 mg/L. Because most or all

of this wastewater was recaptured and given the age of the release, this release is not considered an REC, but is a BER.

xxvii) Oil-Stained Gravel: An approximate 60-square-foot area of gravel was stained with oil on the eastern side of the Power House beside a pressure vessel. It appeared that this stain was the result of the draining of water from the pressure vessel. The water apparently contained some oil. The stained gravel was located directly beside a stormwater catch basin. However, it was at a slightly lower elevation than the catch basin and the basin did not appear to be stained with oil. Because there has been an actual release to the soil, which is still evident, this release is an REC.

xxviii) Releases from Off-Site Sources: There are two State Hazardous Wastes Sites (SHWS), one at 101 Beech Street and the other at 3410 Old Capitol Trail, which are located upgradient of the Site. These Sites are considered BERs.

CONCLUSIONS

CRA has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E1527-05 of the former GM Wilmington Assembly Plant property located at 801 Boxwood Road in Wilmington, Delaware. Any exceptions to, or deletions from this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of RECs at this Site, except for the following as described above:

- **AST F**
- **Kolene Tank**
- **Diesel Oil UST by Power House**
- **Modular Paint Pits**
- **Acetylene Sludge Pit**
- **Hydraulic Lifts**
- **Old Hazardous Waste Accumulation and Former Tank Storage Area**
- **Test Track Waste Storage Area**
- **ELPO Area**
- **Phosphate Area**
- **Petroleum Dispensing Area**
- **Former Petroleum Dispensing Area**
- **OU-2 Area**
- **Lift Stations**
- **PCB Containing Equipment and Oil Stained Surfaces**

- **March 31, 1976 Diesel Oil Release**
- **Oil-Stained Gravel**

BUSINESS ENVIRONMENTAL RISK

While not considered to be RECs, the following issues described above may have resulted in environmental impairment to the Site and should be considered when evaluating BER associated with the Site:

- **AST G**
- **Loading Area for ASTs P and Q**
- **Power House AST**
- **WWTP Sump**
- **Waste Storage Area South of Anchor Building**
- **New Hazardous Waste Accumulation Area**
- **Grit Separator Building**
- **Railroad Tracks**
- **July 23, 1990 Wastewater Release**
- **July 1, 1991 Sanitary Effluent Release**
- **Releases from Off-Site Sources**

NON-SCOPE CONSIDERATIONS

The following potential issues were identified regarding non-scope considerations:

- i) **ACM:** Actual and potential ACM at the Facility includes pipe insulation ceiling tiles, floor tiles and mastic, cove base, window caulk, pipe insulation, and transite siding.
- ii) **Wetlands:** The National Wetlands Database was consulted to determine if it identified any wetlands on the Property. The entire wooded area at the northeastern corner of the Property is identified as a wetland area.
- iii) **Lead Paint:** Due to the age of the plant, it is assumed that all painted surfaces at the Site were painted utilizing lead-based paint and that any decommissioning will be conducted in a manner consistent with lead paint demolition standards. Paint disturbing activities such as welding, cutting, or torching should be conducted in accordance with Occupational Safety and Health Administration (OSHA) regulations for lead exposure in construction (29 CFR 1926.62).

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) was retained by Motors Liquidation Company (MLC) to complete a Phase I Environmental Site Assessment (ESA) of the GM Wilmington Assembly Plant property and buildings located at 801 Boxwood Road in Wilmington, Delaware (Property or Site or Facility). MLC is considering divestiture of Site. The purpose of the Phase I ESA was to identify Recognized Environmental Conditions (RECs), as defined in ASTM Standard E1527-05 (the Standard), at the Site. In addition to identifying RECs at the Site, this ESA included an evaluation of specific non-scope considerations as defined in the Standard. This ESA was conducted to assist MLC in conducting all appropriate inquiries into previous ownership and use of the Site to evaluate BER, as defined in the Standard, for the Site. The Phase I ESA Site inspection was conducted by CRA on October 5 through 7 and December 1, 2009. A Site location map is provided on [Figure 1](#). A Site plan is provided on [Figure 2](#).

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-05 for conducting environmental assessments. The assessment included an environmental database search, historical records review, a Site inspection of accessible areas, a review of relevant Site records made available to CRA, and interviews with individuals associated with the Site. No exceptions to the Standard were taken during this Phase I ESA. This Phase I ESA was prepared by Henry Alexander and Brian Boevers of CRA, both of whom are considered environmental professionals as defined in the Standard. Copies of curricula vitae outlining their qualifications are contained in [Appendix A](#).

The following tasks were conducted during the assessment:

- interviews with personnel associated with the Site
- review of Federal and State environmental databases and historical records (e.g., fire insurance maps, city directory, etc.)
- review of historical aerial photographs of the Site
- review of past and current property use and adjacent property occupancy
- inspection of the facilities, equipment, utility services, operations, and associated Site records
- observations of conditions that represent potential environmental concerns
- review of chemical use and storage and spill / release incidents
- review of the results of prior inspections conducted at the Site
- review of waste handling, accumulation, storage, and disposal practices
- review of air emissions and wastewater discharges

- review of equipment that potentially contain polychlorinated biphenyls (PCBs)
- observation of potential asbestos-containing materials (ACM)
- review of aboveground and underground storage tank records
- review of previous environmental reports prepared for the Site

CRA relied on information received during the ESA interviews as accurate unless contradicted by written documentation or field observations.

The following report summarizes the information gathered by CRA during the Phase I ESA and identifies RECs, as defined in the Standard at the Site.

In addition to identifying RECs at the Site, this Phase I ESA included a preliminary evaluation of the following non-scope considerations as defined in the Standard:

- asbestos containing materials
- radon
- lead-based paint
- wetlands

Evaluation of the Site for these criteria was performed for the purpose of providing a general indication of potential issues. This assessment does not serve as a substitute for ACM/radon/lead paint testing/survey, or a wetlands delineation.

The Phase I ESA has been prepared for the use of MLC and may not be relied upon by any other party without CRA's written consent.

2.0 SITE DESCRIPTION AND LOCATION

2.1 SITE DESCRIPTION

The facility consists of approximately 142 acres of land and includes, but is not limited to, the Main Manufacturing Building, Modular Paint Building, Tire Building, Grit Separator Building, Anchor Building, Waste Water Treatment Plant (WWTP), Garage, Compressed Air Dryer Building, Switch Gear Building, Productive Fluids Pump House, Power House, Fire Pump House Nos. 1, 2 and 3, Guard Houses (West and South West), and bulk product tank farms. Until 2009, the Site had been an automobile assembly facility. The 142 acres of land includes a 15-acre wooded parcel located at the northeastern corner of the Site.

2.2 SITE LOCATION

The Facility is located in a mixed commercial and residential area of Wilmington, Delaware with a railroad switching yard located to the north of the Facility, a multi-lane divided highway to the west of the Facility, residential land use to the south of the Facility, and a personal storage unit facility and residential land use to the east of the Facility. It is noted that the personal storage unit facility was previously owned by Anchor Trucking as part of its operations at the Site.

3.0 ENVIRONMENTAL DATABASES SEARCH AND HISTORICAL RECORDS REVIEW

3.1 ENVIRONMENTAL DATABASES SEARCH

CRA contracted Environmental Data Resources, Inc. (EDR) to conduct a search of federal and state environmental databases. Based on the address of the Site, the database searches were completed to assist in the identification of conditions at the Site and within a radius distance specified in ASTM Standard E1527-05 as follows:

<i>Database</i>	<i>Search Radius</i>
National Priority List (NPL) - The NPL is a United States Environmental Protection Agency (USEPA) listing of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL Sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980. In addition, the NPL Report includes information concerning cleanup agreements between the USEPA and potentially responsible parties, any liens filed against contaminated properties, as well as the past and current USEPA budget expenditures tracked within the Superfund Consolidated Accomplishments Plan (SCAP).	1 mile
Delisted NPL Database – The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.	1 mile
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – The CERCLIS List contains data on potentially hazardous waste sites that may have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of CERCLA. CERCLIS contains sites which are either proposed to or on the NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL.	0.5 mile
CERCLIS No Further Remedial Action Planned (CERCLIS-NFRAP) – Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the NPL, unless information indicates this decision was not appropriate or other	0.5 mile

<i>Database</i>	<i>Search Radius</i>
considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.	
Corrective Action Report (CORRACTS) – The CORRACTS Database identifies hazardous waste handlers with RCRA corrective action activity.	1 mile
Resource Conservation and Recovery Act Information (RCRA) Treatment, Storage or Disposal Facility (TSDF) - The RCRA-TSDF Database contains information regarding those facilities that treat, store, or dispose of USEPA-regulated hazardous waste. The following information also is included in the RCRA-TSDF Report: information regarding the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS); inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.	0.5 mile
RCRA Large Quantity Generator (RCRA-LQG) - The RCRA-LQG Database contains information regarding facilities that either generate more than 1,000 kilograms (kg) of USEPA-regulated hazardous waste per month or meet other applicable requirements of RCRA. The following information also is included in the RCRA-LQG Database: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken by the facility or the USEPA; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.	Site / Adjacent Property
RCRA Small Quantity Generator (RCRA-SQG) - The RCRA-SQG Database contains information regarding facilities that either generate between 100 kg and 1,000 kg of USEPA-regulated hazardous waste per month or meet other applicable requirements of RCRA. The following information also is included in the RCRA-SQG Database: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken by the facility or the USEPA; and a complete listing of USEPA-regulated	Site / Adjacent Property

<i>Database</i>	<i>Search Radius</i>
hazardous wastes which are generated or stored on site.	
RCRA - Conditionally Exempt Small Quantity Generators (RCRA-CESQG) – RCRA Info is EPA’s comprehensive information system, providing access to data supporting the RCRA of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and /or dispose of hazardous waste as defined by the RCRA. CESQGs generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.	Site / Adjacent Property
Emergency Response Notification System (ERNS) – ERNS records and stores information on reported releases of oil and hazardous substances	Site only
Toxic Chemical Release Inventory System (TRIS) - The TRIS Database identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.	Site only
US Engineering Controls – The US Engineering Controls Database is a listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or affect human health.	0.5 mile
US Institutional Controls – A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.	0.5 mile
US Brownfields List – Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA’s Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities - especially those without EPA Brownfields Assessment Demonstration Pilots - minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA’s Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement	0.5 mile

<i>Database</i>	<i>Search Radius</i>
Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.	
Superfund (CERCLA) Consent Decrees (Consent) – Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.	1 mile
Records of Decision (ROD) - ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.	1 mile
Department of Defense (DOD) - This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.	1 mile
CERCLA Lien Information (LIENS 2) - A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.	Site only
State Hazardous Wastes Sites (SHWS) – State hazardous waste site records are the states' equivalent to CERCLIS. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by the potentially responsible parties.	1 mile
Solid Waste Facilities (SWF) Landfill (LF) Sites - The SWF/LF Database contains an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.	0.5 mile
Underground Storage Tank (UST) Facility List - USTs are regulated under Subtitle I of RCRA and must be registered with the state department responsible for administering the UST program.	Site / Adjacent Property

<i>Database</i>	<i>Search Radius</i>
Leaking Underground Storage Tank (LUST) - The LUST Database contains an inventory of reported leaking underground storage tank incidents.	0.5 mile
SPILLS - Environmental Release Notification System (SPILLS) - The Department of Natural Resources and Environmental Control (DNREC) developed this system to allow Delawareans to learn promptly of releases or discharges of contaminants or pollutants that meet or exceed certain thresholds in their neighborhoods or throughout the state.	Site only
All Sites with Deed Restrictions (Institutional Controls) - Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.	0.5 mile
Voluntary Cleanup Program Sites (VCP) – When a property is contaminated with hazardous substances there are liabilities associated with the cleanup of the site under Federal and State Superfund laws, regardless of who caused the contamination and when it was caused. Because of this liability, old industrial sites (with contamination) located close to well developed infrastructure do not attract developers or buyers. These individuals prefer to purchase pristine property without contamination known as "greenfield." Under the Voluntary Cleanup Program (VCP) developers and buyers performing the cleanup of contaminated properties would be provided the much needed protection from potential liabilities for past contamination. Thus, they can proceed with the purchase or development of the property with the assurance that they will not be held liable for environmental problems that were a result of past practices at the site.	0.5 mile
Drycleaners – A listing of drycleaner facility locations.	0.25 mile
Brownfields – Sites that have requested brownfields certification from the Secretary of DNREC.	0.5 mile
Indian Reservations – The Indian Reservations Database identifies Indian administered lands of the United States that have any area equal to or greater than 640 acres.	1 mile
Indian UST - The Indian UST Database identifies USTs on Indian land.	Site / Adjacent Property

<i>Database</i>	<i>Search Radius</i>
Indian LUST - The Indian LUST Database identifies LUSTs on Indian land.	0.5 mile

A copy of the database search is included as [Appendix B](#). The following is a summary of the databases searched with the findings as noted.

3.1.1 DATABASE LISTING FOR THE SITE

The Site address and an address for the Anchor Trucking Building (located on the Site) were listed in the following aforementioned databases searched with the status as noted.

<i>Property Address</i>	<i>Listed Entity</i>	<i>Listing/Status</i>
801 Boxwood Road	General Motors	Spills LUST (Closure: 8/5/1997) UST (1 Removed) SHWS RCRA-LQG (Violations) TRIS RCRA-TSDF CORRACTS
95 Dodson Road	Anchor Motor Freight Inc.	UST (10 Removed)
	Leaseway Motorcar Transport Company	LUST (Closed: 11/28/1990)

In addition to the above, the Site address was listed in the FINDS, PADS, Tier 2 and ENF Databases. Definitions for these additional databases are included in Appendix B.

Please refer to Section 4.0 for further details.

3.1.2 DATABASE LISTINGS FOR ADJACENT PROPERTIES

The following adjacent property was listed in the aforementioned databases searched with the status as noted.

<i>Property Address</i>	<i>Listed Entity</i>	<i>Listing/Status</i>
1114 Centerville Road	Delaware Brick Company	UST (2 Closed in place) LUST (Closed: 6 / 18 / 1991)

Please refer to Section 4.0 for further details.

3.1.3 ADDITIONAL AREA PROPERTIES

The following additional properties within the ASTM-designated radii of the Site were listed in the aforementioned databases searched with the status as noted.

<i>Property Address</i>	<i>Listed Entity</i>	<i>Listing/Status</i>
1251 Centerville Road (0 – 1 / 8 mile NW)	Former BP Station	LUST (Closed)
1418 Newport Gap Pike (1 / 8 – 1 / 4 mile WSW)	Army National Guard	LUST (Closed)
101 Beech Street (1 / 4 – 1 / 2 mile N)	101 Beech Street Site	SHWS Institutional Control
3410 Old Capitol Trail (1 / 4 – 1 / 2 mile WNW)	Hollingsworth Properties	SHWS
1606 Kirkwood Highway (1 / 4 – 1 / 2 mile N)	Toni Dry Cleaners	SHWS
1600 Newport Gap Pike (1 / 4 – 1 / 2 mile W)	Material Supply	LUST (Closed)
240 Locust Avenue (1 / 4 – 1 / 2 mile NE)	Globe Beverage	LUST (Closed)
3410 Old Capitol Trail (1 / 4 – 1 / 2 mile WNW)	Hollingsworth Prop.	LUST (Closed)
1500 Kirkwood Highway (1 / 4 – 1 / 2 mile N)	Kayo Oil Company Conoco	LUST (Closed)
2110 Kirkwood Highway (1 / 4 – 1 / 2 mile N)	State Stores Inc.	LUST (Closed)
1601 Kirkwood Highway (1 / 4 – 1 / 2 mile N)	VA Medical Center	LUST (Closed)
2003 Kirkwood Highway	Bret's Automotive Center, Inc.	LUST (Closed)

<i>Property Address</i>	<i>Listed Entity</i>	<i>Listing/Status</i>
(1 / 4 – 1 / 2 mile N)	Veterans BP Station	LUST (Closed)
2510 Kirkwood Highway (1 / 4 – 1 / 2 mile N)	Shell – Roselle	LUST (Closed)
310 Kiamensi Road (1 / 4 – 1 / 2 mile SW)	Absalom Jones Community Center	LUST (Closed)
311 Kiamensi Road (1 / 4 – 1 / 2 mile SW)	Property of Myrtle Williams	LUST (Closed)
Maple Avenue / Kiamensi (1 / 4 – 1 / 2 mile WSW)	Community Housing, Manlove Lane	LUST (Closed)
1512 Kirkwood Highway (1 / 4 – 1 / 2 mile N)	Meineke Muffler	LUST (Closed)
210 Maryland Avenue (1 / 4 – 1 / 2 mile SSW)	Not Reported	LUST (Closed)
213 Maryland Avenue (1 / 4 – 1 / 2 mile SSW)	Artesian Water	LUST (Closed)
James & Water Streets (1 / 2 – 1 mile S)	Dupont & Co – Holly Run Plant	NPL ROD
	Ciba-Geigy Seep / E.I. Dupont; Newport Landfill	SHWS
1909 Centerville Road (1 / 2 – 1 mile NNW)	JB Dry Cleaners	SHWS
209 South Maryland Ave. (1 / 2 – 1 mile ESE)	Five Points Fire Company	SHWS
Atlantic Avenue (1 / 2 – 1 mile E)	Atlantic Avenue	SHWS
900 Greenbank Road (1 / 2 – 1 mile W)	Ametek	SHWS
Water Street / Cooper Drive (1 / 2 – 1 mile SSE)	Newport City Landfill	SHWS

With the exception of the SHWSs at 101 Beech Street and 3410 Old Capitol Trail, no potential areas of environmental concern were identified with respect to the above-mentioned properties. The SHWSs at 101 Beech Street and 3410 Capitol Trail are considered BERs.

3.1.4 UNMAPPED PROPERTIES

In addition to the properties identified above, the database search identified a number of properties that could not be mapped by EDR based on the address information within the database system, also referred to as "orphan" sites in the database search results. A complete listing of the unmapped properties is included in Appendix B.

CRA reviewed the list of unmapped properties and confirmed that none of the listed properties are located adjacent to or in close proximity to the Site based on the available information.

3.2 HISTORICAL RECORDS REVIEW

CRA also reviewed the following information, where available, to identify the historical usage of the Site and adjacent properties.

- Sanborn Fire Insurance Maps
- Property Title Search
- Historical Aerial Photographs
- City Directories
- Historical Topographic Maps

3.2.1 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps assist in the identification of historical land use and commonly indicate the existence and location of aboveground and underground storage tanks, structures, improvements, and facility operations. No Sanborn Maps were reported to be available for the Facility in the EDR Historic Map Collection.

3.2.2 PROPERTY TITLE SEARCH

General Motors Corporation purchased the land for the construction of the GM Wilmington facility in 1946. Prior to this time, the land was owned by others and the land was undeveloped with the exception of two residences.

3.2.3 HISTORICAL AERIAL PHOTOGRAPHS

Aerial photographs assist in the identification of Facility features and outdoor activities of potential environmental concern. Aerial photographs of the Facility for the years 1962, 1965, 1968, 1977, 1981, 1982, 1989, 1998, and 2006 were available from EDR and were reviewed by CRA. Copies of available aerial photographs of the Facility are presented in Appendix C. It is noted that the aerial photograph described in the database search results as "1962" is labeled as "1961" on the photograph. This photograph is referenced as the 1962 aerial photograph throughout this report to be consistent with the database search results.

Following is a summary of observations based on the review of the aerial photographs.

1962: The 1962 aerial photograph was reviewed at a scale of one inch equals approximately 750 feet and depicts the Facility as being improved with the original assembly building (located between Column Lines A and S), the tank farm and Power House to the west of the Main Assembly Building, and the Anchor Building in the parking area to the east of the assembly building. There is what appears to be a lagoon directly north of the assembly building, denoted by a white trapezoidal spot. The lagoon seen on this aerial photograph is the acetylene sludge pit discussed in more detail below (Section 4.4). Employee parking areas are present adjacent to Boxwood Road. The western 400 feet of the Facility is undeveloped. The area to the east of the assembly building in which the Anchor Building is located is asphalt paved and used for storage of assembled vehicles. The northeastern corner of the Facility is unpaved with the exception of a vehicle test track. One area of disturbed land can be seen to the north of the test track. An additional wooded parcel owned by GM can be seen adjacent to a large swimming pool. Six railroad spurs from the railroad yard to the north of the Facility arc into the Facility from the east. The Facility is surrounded by a railroad yard on the north, and residential areas on the east, south, and west.

1965: The 1965 aerial photograph was reviewed at a scale of one inch equals approximately 750 feet and depicts the Facility as the same as in 1962, with the exception that the test track and the railroad spur along the western side of the tank farm have been removed. The sloped sides of the lagoon to the north of the building can be clearly seen. The land use in the surrounding area remained the same as shown on the 1962 aerial photograph.

- 1968: The 1968 aerial photograph was reviewed at a scale of one inch equals approximately 750 feet and depicts the Facility as being the same as in 1965, with the exception that the portion of the building housing the ELPO and phosphating lines has been added (between column lines A and MM). The land use in the surrounding area remained the same as shown on the 1965 aerial photograph.
- 1977: The 1977 aerial photograph was reviewed at a scale of one inch equals approximately 750 feet and depicts the Facility as being the same as in 1968, with the exception that the Tire Building and the western third of the WWTP have been constructed to the northeast of the main Assembly Building. An area of disturbed soil appears in the northwestern corner of the Facility, which, according to Facility personnel, represents the construction of a propane gas storage facility and an employee parking lot. The land use in the surrounding area remained the same as shown on the 1968 aerial photograph.
- 1982: The 1982 aerial photograph was reviewed at a scale of one inch equals approximately 1,000 feet and depicts the Facility and the surrounding area to be the same as shown in the 1977 aerial photograph, with the exception that Route 141 to the west of the Facility is in the process of being upgraded. The 1982 aerial photograph is of poor quality.
- 1989: The 1989 aerial photograph was reviewed at a scale of one inch equals approximately 750 feet and depicts the Facility as being the same as shown in the 1982 photograph, with the exception that the Mod Paint Building (together with a employee parking lot) and the full WWTP have been constructed. The entire Facility, with the exception of the wooded parcel in the northeast corner is now either covered by buildings or by asphalt. The Anchor Building ASTs are visible approximately 100 feet to the south of the Anchor Building. There has been no change in the surrounding land use since 1982 with the exception that Route 141 is now a four-lane divided highway with service roads on either side flanked by commercial properties.
- 1998: The 1998 aerial photograph was reviewed at a scale of one inch equals approximately 750 feet and depicts the Facility and the surrounding area to be the same as shown in the 1989 aerial photograph.

2006: The 2006 aerial photograph was reviewed at a scale of one inch equals approximately 600 feet and depicts the Facility and the surrounding area to be the same as shown in the 1998 aerial photograph.

No areas of concern indicative of environmental impact were observed in the aerial photographs, with the exception of (1) a disturbed soil area located to the east of the Tire Building in the 1962 aerial photograph and another disturbed soil area located in the northwestern corner of the Facility in the 1977 and 1982 aerial photographs and (2) a lagoon located to the north of the main building in the 1962 and 1965 aerial photographs.

3.2.4 CITY DIRECTORIES

A city directory search was conducted by EDR from the first available directory to the present. Directories were available and were reviewed by EDR at approximately 5-year intervals starting in 1986 and ending in 2004.

The Facility was listed as GM and Canteen of Delaware (the cafeteria operator within the plant) in 1986. It was listed as General Motors Corp. Chevrolet Pontiac and Canteen Corp. in 1989. The only listing in 2002 is American Food and Vending. The Facility address was not listed in the 1996 directory. Also part of the Facility though at a different address (95 Dodson Avenue) was Anchor Motor Freight in 1986, 1989, and 1996, and Intermodal Technical Services, Inc. in 2004. The only non-residential listing in the surrounding area was Huber's Nursery at 703 Boxwood Road in 1989. A copy of the city directory search for the Facility address is presented in Appendix D.

3.2.5 HISTORICAL TOPOGRAPHIC MAPS

Historical topographic maps were reviewed to assist in the identification of historical land use, to document the general development of the Facility and properties in the vicinity of the Facility, and to identify potential on-Site fill activities. Historical topographic maps of the Facility and surrounding areas for the years 1906, 1942, 1948, 1955, 1967, 1987 (photo revised from 1967), 1993, and 1997 were available from EDR and were reviewed by CRA. Following is a summary of observations based on review of the historical maps.

1906: The 1906 topographic map was reviewed at a scale of 1:62,500 and depicts the Facility and the surrounded area to be vacant land with a small number of

dwelling located along the adjacent roads. Boxwood Road is located to the south of the Facility and the Baltimore and Ohio Railroad line is located to the north. Little Mill Creek runs through the northeastern corner of the Facility.

1942: The 1942 topographic map was reviewed at a scale of 1:31,680 and shows the Facility as vacant land with two houses located in the center of the Facility, a small housing development in the northwestern corner of the Facility, and residences along the roads bordering the Facility. The railroad to the north of the Facility has been developed into the Wilsmere Railroad Yard.

1948: The 1948 topographic map was reviewed at a scale of 1:24,000 and shows the Facility to be developed with the original assembly plant building, the Power House, the Anchor Building, and the test track. Six railroad sidings enter the Facility from the railroad yard. The surrounding area to the east, south, and west remains residential.

1955: The 1955 topographic map was reviewed at a scale of 1:24,000 and shows the Facility and the surrounding area to be the same as in the 1948 topographic map.

1967: The 1967 topographic map was reviewed at a scale of 1:24,000 and shows the Facility and the surrounding area to be the same as in the 1955 topographic map, with the exception that ASTs are shown to the west of the Power House.

1987: The 1987 topographic map was reviewed at a scale of 1:24,000 and shows that the Mod Paint Building and the full WWTP have been constructed on the Facility. Also, two access roads have been constructed on the western side of the Facility. The surrounding area remains unchanged when compared to the 1967 topographic map, with the exception that Route 141 is now a four-lane divided highway with service roads on either side.

1993: The 1993 topographic map was reviewed at a scale of 1:24,000 and shows that the Mod Paint Building and the WWTP have been constructed and that AST A has been moved from its original location to the current location. In the surrounding area, the only significant change is that commercial development has replaced residential dwellings along the eastern service road to Route 141.

1997: The 1997 topographic map was reviewed at a scale of 1:24,000 and shows the Facility and the surrounding area to be the same as in the 1993 topographic map.

No areas of concern indicative of environmental impact were observed in the historical topographic maps.

Copies of available historical topographic maps of the Facility are presented in Appendix E.

3.3 GOVERNMENT RECORDS REVIEW

CRA contacted and/or requested information from the following government agencies: U.S. EPA, DNREC, and the County of New Castle Department of Land Use.

The U.S. EPA was contacted in preparation of this Phase I ESA. The Air Section of the U.S. EPA indicated that there were files available, but it was determined that these files would not provide significant additional information regarding potential impacts to the soil and the groundwater at or around the Facility. The Hazardous Waste Section of the U.S. EPA provided files, which were reviewed on December 15, 2009. These files documented the submittal of a Part A and B Permit, the rescinding of this permit at GM's request, inspections of the Facility, which identified minor violations of the Hazardous Waste Management Regulations, and a consent order regarding implementation of regulations controlling air emissions from hazardous waste tanks. No RECs or BERs were identified in these files.

A Freedom of Information Act (FOIA) request was submitted to DNREC. Representatives from CRA attended DNREC offices and accessed relevant historical references. The pertinent findings from DNREC's Air Quality Management, Storage Tanks, and Facility Investigation and Restoration Branch (SIRB) are referenced throughout this report and placed into Appendix F, as appropriate.

The County of New Castle zoning map was reviewed in preparation of this report. The New Castle County Department of Land Use was contacted to determine if any environmental files were available from the County. The County provided a list of building permit files which covered a period between 1996 and 1999 and addressed building additions such as signs, additions to the cafeteria, and additions to various areas of the building. There were no files listed as addressing storage tanks or other environmentally related structures or equipment.

3.4 RECORDED ENVIRONMENTAL CLEAN-UP LIENS

CRA contracted NCO Financial Systems, Inc. (NCO) to conduct a search of environmental liens, associated with the ownership or occupation of the Site. NCO found no information was found at the New Castle County, Delaware Public Records Office for the GM Assembly Plant at 801 Boxwood Road, Wilmington, DE.

According to NCO, information was found for Parcel Number 070421055, the principal parcel of the Site with an area of 120.25 acres. Based on documentation provided by NCO, General Motors Corporation purchased the Site from the Real Estate Improvement Company of Baltimore City on August 24, 1945.

The environmental lien search conducted by NCO indicated that no environmental liens were found recorded at the New Castle County, Delaware Public Records Office affecting the “subject real property asset” during the period searched (effective from August 24, 1945 to November 20, 2009).

The Site address was not listed in the environmental lien search or in the EDR Report as having any Activity and Use Limitations (AULs). Site personnel were unaware of any environmental liens or AULs associated with the Site address.

A copy of the NCO Environmental Lien Report is provided in [Appendix H](#).

3.5 USER INFORMATION

A User Questionnaire was submitted to Mr. David Favero of MLC for completion, in accordance with ASTM E1527-05. Mr. Favero completed the User Questionnaire, which is provided in Appendix H. Based on the answers to the questionnaire, Mr. Favero had no knowledge of any significant environmental issues which were not identified already in this report.

3.6 PREVIOUS SITE INVESTIGATIONS/ESAs

Previously documented Site investigations have been conducted since at least 1990. Investigations included, but were not limited to, the bulk product tank areas [i.e., Operable Unit 1 (OU-1) and Operable Unit 2 (OU-2)], above and underground tank closures and documented spills/releases. Investigations related to tank closure and spills/releases are discussed in further detail in Section 4.0.

Table 1 presents a chronological summary of previous major environmental investigations conducted at the Facility.

Table 2 presents a chronological summary of previous and ongoing remedial actions conducted at the Facility.

Government and Facility files are provided in Appendices F and I, respectively.

3.6.1 OU-2 AREA INVESTIGATIONS

The OU-2 Area is located to the south of the Main Assembly Building and occupies approximately 1.5 acres that encompassed several bulk product tanks, Pump House No. 2, and ancillary structures. The OU-1 Area is located within the OU-2 Area and encompasses ASTs L through O, Pump House, and Convault area (i.e., ASTs AA and Z). The OU-2 Area was operated for bulk product storage from 1946 until operations at the Facility ceased in July 2009.

There are two AST containment areas and a truck unloading area within the OU-2 boundary. The northern AST containment area is constructed with 5-foot concrete walls and a stone base. The southern AST containment area is constructed with 5-foot concrete walls and a concrete base. The truck unloading area is located directly west of the AST containment areas and consists of a stone-covered area between two paved driveways, with steel pits housing the unloading piping. Product piping from the truck unloading area runs underground to the Pump House located between the two AST containment areas, and then to the respective ASTs. Additional underground piping runs from the ASTs to the Facility for use.

In 1998, GM conducted environmental assessments of the large AST Area and the AST containment/truck unloading area. The results of the 1998 environmental assessments were provided to the DNREC Underground Storage Tank Branch (USTB) in February 1999 in the following reports:

- Environmental Assessment Report – Large AST Area [EnecoTech Midwest, Inc. (EnecoTech), 1998a]
- Environmental Assessment Report – AST Containment/Truck Unloading Rack (EnecoTech, 1998b)

A review of the 1998 data found minimal exceedances of DNREC URs in soils and groundwater in the OU-2 Area.

In April 2005, GM prepared and submitted a work plan to investigate the soil and groundwater exceedances identified in 1998 at the OU-2 Area (CRA, 2005). Investigation activities took place in June and November 2005, the results of which were provided to DNREC in the following reports:

- Report of Findings OU-2 Bulk Product Tank Area Soil Investigation, GM Wilmington Assembly Plant (CRA, 2006a)
- Report of Findings OU-2 Bulk Product Tank Area Groundwater Investigation, GM Wilmington Assembly Plant (CRA, 2006b)

The combined results of the June and November 2005 OU-2 Area groundwater investigation activities identified groundwater impacts above URs within the OU-2 Area. Additional investigation activities were conducted in 2006 to ensure that the downgradient extent of groundwater impacts was adequately characterized based on drinking water criteria. These drinking water criteria were based on federal Maximum Contaminant Levels (MCLs), and risk-based tap water ingestion Preliminary Remediation Goals (PRGs) from U.S. EPA Region 9 (2004) for chemicals that lack MCLs.

Groundwater impacts consisted primarily of benzene, toluene, ethylbenzene, and xylene (BTEX); however, other VOCs, SVOCs, and inorganic parameters, were detected at concentrations exceeding the drinking water criteria. The highest concentrations of BTEX parameters were found in groundwater at the northeastern portion of the OU-2 Area. Elevated levels of acetone were also present in the groundwater in this area.

Based on the results of the 2005 groundwater investigation activities, GM prepared and submitted a work plan for supplemental groundwater investigation to DNREC in July 2006 (CRA, 2006c). During the period of December 12, 2006 to December 15, 2006, groundwater samples were collected from the monitoring wells within the OU-2 Area and analyzed for VOCs, SVOCs, and metals (total and dissolved). The results of the supplemental groundwater investigation were submitted to DNREC in a letter from GM dated June 18, 2007 (CRA, 2007). Based on subsequent discussions with DNREC SIRB, a NFA letter for the OU-2 Area soil will be issued once groundwater conditions within the OU-2 Area are addressed. Therefore, a Groundwater Remedial Investigation and Feasibility Study (RI/FS) report was prepared and submitted to DNREC to evaluate the groundwater conditions in the OU-2 Area in January 26, 2009 (CRA, 2009a).

The RI/FS proposed a Limited Action remedial alternative for further monitoring of groundwater of the OU-2 Area monitoring well network to verify that impacted groundwater does not extend beyond the OU-2 downgradient boundary. The groundwater monitoring is ongoing and will be completed in May 2010.

3.6.2 FORMER RAIL SPUR INVESTIGATION

A former rail spur was located north of the Mod Paint Building and was historically used for transportation purposes. In March 1997, a contractor noted visual and olfactory evidence of impact to soils within an excavation adjacent to the Mod Paint Building (i.e., column reference GG to FF and 30 to 31). Upon discovery of the impacted soils, GM personnel contacted DNREC's UST Branch and DNREC's spill hotline. DNREC response personnel inspected the affected area and provided GM with recommendations for limited soil removal and investigation activities.

In accordance with DNREC's recommendation, GM excavated visually impacted soils from the area and dug a test pit west of the impacted soils to determine the horizontal extent of impacts, if any. It was determined that the area of impact was limited to the southwest corner of the sump excavation, along the concrete railway bridge footer to the footer of the Mod Paint Building. Two composite soil samples (i.e., SB-A and SB-B) were collected for laboratory analysis to determine the type of petroleum product found in the soils since there was no history of UST's or AST's in that area of the plant.

As presented in the "Limited Site Investigation of the Petroleum Impacted Soil Adjacent to the Basic Paint Department" (Clean Tech, 1997), soils were excavated along the footer of the Mod Paint Building and extended approximately 20 feet to the northeast along the railroad footer to a depth of approximately 11 feet bgs. Upon removal of the impacted soils, five composite soil samples (i.e., SB-1-97 through SB-5-97) were collected from the side walls at an unknown depth, and the floor of the excavation from 11 feet to 12 feet bgs for laboratory analysis of TPH. Soil analytical data ranged from non-detect to 160 mg / kg which is below the DNREC action level for TPH of 1,000 mg / kg (Clean Tech, April 1997).

4.0 SITE INSPECTION

On October 5 through 7 and December 1, 2009, Henry Alexander together with Golnoush Bolaran, Greg Carli, and Doug Chenowith of CRA completed an inspection of the building and related property that comprise the Site. The inspection included an inspection of the Site and Site structures, review of relevant Site records available to CRA, visual observations of adjacent properties as viewed from the Site and surrounding roadways, and interviews with individuals associated with the Site. CRA was accompanied during the Site inspection by:

<i>Site Personnel</i>	<i>Position</i>	<i>Years at Site</i>
Mr. John Peronti	Senior Environmental Engineer	19
Mr. Jeff Holmes	Senior Environmental Engineer	20
Mr. Wayne Fox	Manufacturing Engineering Director	23

Site personnel provided information regarding plant operations and historical Site use. The additional personnel interviewed included:

<i>Site Personnel</i>	<i>Position</i>	<i>Years at Site</i>
Mr. John Hudak	Maintenance Manager	~50
Mr. Ernest Bosetti	Senior Environmental Engineer	~40

4.1 SITE OVERVIEW

The Facility consists of the property located at 801 Boxwood Road, New Castle County, Wilmington, Delaware. The Facility location is presented on Figure 1. The Facility currently consists of approximately 142 acres of land, including an approximate 3.2 million square-foot Assembly Building, and several outlying buildings and structures (e.g., WWTP, Pump Houses, Power House). Also included in the 142-acre Site is a 15-acre wooded parcel located at the northeastern corner of the Site. A Facility layout is presented on Figure 2.

The buildings are constructed on concrete slabs located primarily at grade surface with the exception of the Mod Paint Building and the Power House, both of which have basements. Walls are constructed of a variety of brick, concrete block, metal siding, and translucent panels. The roofs consist of either concrete or sheet metal with a variety of

roof coverings, primarily on flat roof surfaces. The Main Assembly Building and the Mod Paint Building are constructed with a uniform column system.

Construction of the Facility commenced in 1945 and included the original Main Assembly Building, together with the Anchor Building to the east of the Main Assembly Building and the tank farm area to the west. The Main Assembly building was expanded at the northwest corner in 1965 with the new ELPO and phosphating area. The Tire Building was added at the northeast corner of the Main Assembly Building in 1972. The WWTP and the Mod Paint Building were constructed in 1985 and an additional column bay was added to the north of the ELPO and phosphating area in 1995.

The Facility is zoned as Heavy Industrial (HI) on New Castle County's Official Zoning Map No. 36 (Appendix D) and was operated as an automobile assembly plant until July 2009. Key Facility features include the Main Assembly Building, ancillary buildings, WWTP, rail spur, bulk product tank farms, and employee parking. A wooded parcel is located at the eastern end of the Facility.

GM developed the Facility in 1945 for the purpose of automobile assembly. GM continued to own and operate the Plant until July 2009. As a result of General Motors Corporation's bankruptcy in June 2009, certain operating assets of GM were sold on July 9, 2009 to a newly formed company which is now known as GM LLC. Existing, non-conforming assets remained the property of GM, which is now known as MLC. The Facility remained with MLC and MLC leased the Facility to GM LLC. Operations at the Facility ceased on July 28, 2009. GM LLC was conducting Facility idling and decommissioning activities at the time this Phase I was conducted.

There are no gas or oil wells, water supply wells, or septic fields present on the Site.

A copy of photographs taken during the Site inspection is presented as Appendix J.

4.2 ENVIRONMENTAL SETTING/ADJACENT PROPERTIES

The Facility is located in a mixed commercial and residential area of Wilmington, Delaware with a railroad switching yard located to the north of the Facility, a multi-lane divided highway to the west of the Facility, and residential land use to the south and east of the Facility as further discussed below.

The Facility is bound to the north by a Baltimore & Ohio Railroad switching yard, sharing the approximately 0.77-mile northern property boundary. A rail spur enters the Facility from the north towards the east of the Facility, just east of the Tire Building, for the delivery of various automobile parts.

The Facility is bound to south by Boxwood Road, sharing the approximately 0.43-mile southern property boundary. South of Boxwood Road is a residential area which includes two parcels of land originally purchased by GM for expansion of the Facility south of Boxwood Road. These parcels were sold by GM in 1995 and are under development for residential purposes.

The Facility is bound to the east by a personal storage unit facility and a residential area along the southern portion of the eastern Facility boundary (i.e., approximately 2.6 miles). The remaining eastern property boundary (i.e., approximately 0.2 miles) is bounded by a forested area and swim club facility. The personal storage unit facility was previously owned by Anchor Trucking as part of its operations at the Site.

The Facility is bound to the west by Centerville Road, sharing the approximate 0.3-mile western property boundary. West of Centerville Road are commercial properties including an automobile repair shop (i.e., Hicks Auto), safety material supplier store (DP Fire and Safety), a building material supplier (i.e., Delaware Brick Co.), and a garden supply store (i.e., J&J System). To the west of the commercial properties is a multilane divided highway (i.e., State Route 141).

There is one adjacent property and two properties within 1/4 –mile of the Site that are listed on the LUST Database. All of these LUSTs have been closed. There are 15 additional LUST sites at a distance of greater than ¼ mile from the Site. However, all of these LUST sites have been closed. There are three SHWSs within ¼ mile of the Site, one of which is side-gradient of the Site and two of which are upgradient of the Site. These two upgradient SHWS sites are located at 101 Beech Street and 3410 Old Capitol Trail. These two SHWS sites are considered BERs. In addition, there are 6 SHWS sites and one Superfund Site within the search radii, but at a distance greater than ½ –mile from the edge of the Site and do not appear to be upgradient of the Site.

The Facility is located at an elevation of between approximately 75 and 80 feet above mean sea level (AMSL). The Facility is essentially flat with a gradual decrease in elevation both to the east and to the west.

The Facility is located within the Coastal Plain Province. The Site is underlain by the Potomac Formation, which is principally variegated silt and/or clay with interbedded

quartzitic sands, resting unconformably upon Precambrian-Age basement rock, which is considered to be the Wilmington Complex gneiss (i.e., bedrock) in the vicinity of the Facility. The soils beneath the Assembly Plant can be characterized as urban land. Available information suggests the presence of a fill material from ground surface to depths ranging from approximately 5 feet below ground surface (bgs) to 10 feet bgs. The fill generally consists of sands, silts, and clays, and gravel. Fill is underlain by a continuous sand layer ranging from 16 to 30 feet in thickness. The sand layer is underlain by reddish-brown clay of undetermined thickness. The soils of the wooded area at the northeastern corner of the Site are hydric soils consistent with wetlands.

The groundwater elevation and flow direction is well documented in the vicinity of the bulk product tank farms east of the Main Assembly Building. Groundwater in this area is typically observed at approximately 11.4 to 13.4 feet bgs (i.e., 66.6 to 68.6 feet AMSL) and flows to the west/southwest.

Little Mill Creek is located in the wooded area along the eastern property boundary. Approximately 1,000 feet of this creek is located within the Facility boundary. Little Mill Creek discharges to the Christiana River approximately one mile down stream. Red Clay Creek is located approximately 1.1 miles west of the Facility and also discharges to the Christiana River. The Christiana River is the major river draining this portion of New Castle County. There are no lakes or significant ponds within one mile of the Facility.

According to the FEMA Floodway Mapping (Panel 10003C0151), the only portion of the Property that is located within the 100-year flood plain is the woods at the northeastern corner and a portion of the adjacent parking lot.

4.3 UTILITY SERVICES

Electricity for the Facility is supplied underground by Delmarva Power and Light. The facility is heated by steam generated in the Power House.

The Facility is serviced with a potable water system supplied by the Artesian Water Company. Facility personnel were not aware of the existence of any potable water, production or irrigation wells at the Facility. At the time of the Facility inspections and, with the exception of environmental monitoring wells, there was no visual evidence suggesting that potable water, production, or irrigation wells were located at the Facility. There is, however, a groundwater drainage sump beside the Mod Paint

Building, which serves a foundation drain and ultimately discharges to the Site's stormwater system.

Facility personnel stated that sanitary wastewater from the buildings is discharged directly to the Wilmington Waste Water Treatment Plant. According to facility personnel, there are no septic systems located at the Facility. No visual evidence suggesting the presence of on-Site septic systems was observed by CRA during the Site inspection.

Stormwater generated on the impervious surfaces surrounding the on-Site buildings is directed towards to a concrete lined ditch in the northeast corner of the property and subsequently discharges to Outfall 001 under a NPDES Permit (i.e., NPDES Permit No. DE 0000523). Stormwater runoff generated on the building roofs is reportedly discharged to one of two main storm sewers that combine prior to discharge to Outfall 001.

4.4 UNDERGROUND STORAGE TANKS (USTs)

According to Facility personnel and available information, no underground storage tanks (USTs) are currently at the Facility. USTs have historically been removed or closed in place. According to Facility personnel and based on the review of available information, 13 USTs have historically existed at the Facility. No evidence of any current USTs (e.g., vent or fill pipes) was observed by CRA personnel during the Site inspections. The 13 previously existing USTs are summarized below. The location of the former USTs are presented on Figure 2.

<u>UST ID.</u>	<u>Size (gallons)</u>	<u>Contents</u>	<u>Location</u>	<u>Status</u>	<u>Year removed or closed in place</u>
A	5,000	Diesel	Anchor Building	Removed	1989-1990
B	5,000	Diesel	Anchor Building	Removed	1989-1990
C	10,000	Diesel	Anchor Building	Removed	1989-1990
D	10,000	Diesel	Anchor Building	Removed	1989-1990
E	4,000	Gasoline	Anchor Building	Removed	1989-1990
F	4,000	Gasoline	Anchor Building	Removed	1989-1990
G	5,000	New Oil	Anchor Building	Removed	1989-1990
H	2,000	Used Oil	Anchor Building	Removed	1989-1990
I	2,000	Fuel Oil No. 2	Anchor Building	Removed	1989-1990
J	2,000	Fuel Oil No. 2	Anchor Building	Removed	1989-1990
K (W1)	Unknown	Unknown	Outfall 001	Removed	1989-1990
L (GM1)	10,000	Motor vehicle Fuel	Southeast of Main Assembly Building	Removed	1990
N / A	550	Fuel Oil No. 2	Power House	Removed	1975

The Facility is listed in the Leaking Underground Storage Tank (LUST) Database. The LUST relates to the release of hydraulic oil discovered when the N4 hydraulic lift station was removed. The database search results indicate that the LUST received closure on August 5, 1997. The Leaseway Motorcar Transport Company operations, conducted on GM property at an address of 95 Dodson Road, are also listed in the LUST Database. The database search results indicate that the LUST(s) received closure on November 28, 1990. Further details about the number of tanks, their capacities and/or contents were not included in the LUST database search results.

The Facility is listed in the UST Database. The database search results indicate a former 10,000 gallon gasoline UST was closed on December 1, 1990 (i.e., GM1). This UST was registered under the State of Delaware UST Program Facility Identification No. 3-000169. The Anchor Motor Freight operations, conducted on GM property at an address of 95 Dodson Road, are also listed in the UST database. The database search results indicate the status of the ten Anchor Motor Freight USTs as closed on April 2, 1990.

The following is a description of each of the USTs listed in the table above.

Anchor Building USTs: The Anchor Building USTs were removed between late 1989 and early 1990. According to Mr. Tawn (formerly of Continental Vanguard), the underground UST piping was cleaned, removed and properly disposed off Site.

According to documents reviewed by CRA, confirmatory soil samples were collected following tank removal. The limited details provided in the analytical report suggest or indicate that at the time the tanks were removed, two soil samples were collected from the soils beneath each of USTs A through F. One soil sample was collected immediately below each UST. A second sample was collected 2 feet below the excavation floor. Soil samples from tanks A through F were submitted for laboratory analysis of TPH and samples from tanks E and F were also submitted for laboratory analysis of BTEX parameters. TPH was detected in each soil sample ranging from 1,100 mg/kg at tank A to 10,000 mg/kg at tank D, exceeding the cleanup objective of 1,000 mg/kg. Concentrations of ethylbenzene, toluene and xylene were detected in soils below the restricted Uniform Risk-based Remediation Standards (URs). Benzene was not detected above laboratory reporting limits, which were below the restricted or unrestricted URs. Soil sample analytical results were submitted to DNREC to document the closure of the Anchor Building USTs. It appears, based on correspondence received from DNREC, that soil impacted above the applicable cleanup criteria was removed and further soil sampling was conducted. However, the details of the further remedial efforts were not included in the Facility files reviewed by CRA. Waste disposal records indicate that 920 cubic yards of contaminated soil were generated during the removal of the GM1 and Anchor Building USTs, but no further details were provided to indicate which tank removals contributed to the volume of contaminated soil. On November 28, 1990, DNREC issued an NFA letter for the Anchor Building USTs.

Group 3 UST (W1): Historical documentation related to the Group 3 UST (W1) was limited to a photograph of the tank's removal and analytical data dated from March 1990. Based on review of this photograph and analytical data, it appears that the tank was located adjacent to Outfall 001 and was removed at the same time as the Anchor Building USTs. No information was available regarding the UST's storage capacity, contents, or age. However, it is likely that the tank contained diesel oil for the emergency pumps associated with Outfall 001. The photograph and analytical data associated with W1 were included in documentation of the Anchor Building UST removals. As such, it appears that the tank was removed between 1989 and 1990 by Continental Vanguard. CRA interviewed Mr. Tawn Franz who worked with Continental Vanguard at the time of the Anchor Building UST removals to obtain further details regarding UST W1, but Mr. Franz could not recall any additional details pertaining to the tank construction, contents, or removal. The limited details provided in the analytical report suggest that at the time the tank was removed from the ground, two soil samples were collected from the soils beneath the tank. One soil sample was collected immediately below the tank. A second sample was collected 2 feet below the excavation floor. Soil samples were submitted for laboratory analysis of TPH, metals, and waste characterization parameters. No analyzed parameters were detected above

applicable cleanup criteria. Soil sample analytical results were submitted to DNREC to document clean closure of W1. On November 28, 1990, DNREC provided a NFA letter to GM for UST W1.

Group 5 UST (GM1): The Group 5 UST (GM1) was a 10,000-gallon gasoline UST located approximately 120 feet to the south of column line T1. This UST was used for the fueling of the motor pool vehicles. This UST was removed between 1989 and 1990 with the Anchor Building UST removals conducted by Continental Vanguard. According to Mr. Tawn Franz (formerly of Continental Vanguard), no contaminated soil was observed during the GM1 UST removal. Mr. Tawn stated that the piping was cleaned, removed and properly disposed off site. Waste disposal records indicate that 920 cubic yards of contaminated soil were generated during the removal of the GM1 and Anchor Building USTs, but no further details were provided to indicate which tank removals contributed to the volume of contaminated soil. According to documents reviewed by CRA, confirmatory soil samples were collected following tank removal. The limited details provided in the analytical report suggest or indicate that, at the time the tank was removed, two soil samples were collected from the soils beneath the tank. One soil sample was collected immediately below the tank. A second sample was collected 2 feet below the excavation floor. TPH was detected at 530 mg/kg and 1,300 mg/kg respectively. No BTEX parameters were detected above the laboratory method detection limit. Soil sample analytical results were submitted to DNREC to document closure of GM1. It appears, based on correspondence received from DNREC records, that soil impacted above the applicable cleanup criteria was removed and further soil sampling was conducted. However, the details of the further remedial efforts were not included in the Facility files reviewed by CRA. GM received a NFA determination for UST GM1.

Diesel Oil UST by Power House: According to the 1995 GM Legal Counsel memorandum (GM, 1995), a 550-gallon UST was installed within 20 feet of the Power House at the time that the Power House was constructed. This UST reportedly supplied diesel oil to the Power House for the initial start-up of the boilers. The 1995 memorandum speculates that use of the UST was discontinued because either the UST or the delivery lines had leaked. The UST was closed in place in approximately 1975 by filling the tank with sand. No previous investigations or remedial actions were conducted in this area. No information was available to determine if clean closure of this UST was achieved.

Pits, Sumps, and Lagoons: Numerous pits, sumps, and lagoons were identified during the Site inspection. Pits, trenches, and sumps are typically associated with process

equipment, paint operations, containment, cleaning areas, and waste handling systems. The following pits, sumps, and lagoons were noted during the Site investigation.

Modular Paint Pits: The Mod Paint Building was constructed in 1985 for the painting of vehicles at the assembly plant. Large concrete lined pits were located under each of five mod paint lines, primarily situated at the northern end of the building. These pits collected and treated the accumulated paint sludge. Wastewater from these pits flowed via gravity to the process sump located at the northeastern corner of the Mod Paint Building basement. Accumulated wastewater in the process sump was pumped aboveground from the mod paint sump to the Grit Separator Building and from there underground to the on-site WWTP. At the time of the Site inspection, all sludge had been removed from these pits and the concrete had been pressure washed. CRA visually inspected the mod paint pits and found no significant cracks in the concrete lined pits. Some wetness was observed at seams in the concrete, which is likely attributable to the pressure of groundwater below the concrete floor of the pits. This would indicate that the concrete lining of the pits may not be an adequate barrier to protect the soil and groundwater beneath from a potential release.

Modular Paint Mixing Area Sumps: Operations at the Mod Paint Building commenced in 1985. Paint was mixed in an area spanning three bays west of column PP, between columns 17 and 20. Paint was mixed inside of cylindrical steel containers situated within the concrete lined sumps, recessed into the Mod Paint Building's main floor, referred to as the mod paint mixing area sumps. The mod paint mixing area sumps were identified as a solid waste management unit (SWMU) in the 1988 Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) (referred to as the tank storage area). The RFA concluded no releases had been known to have occurred from this SWMU and that no evidence of a release was observed during the 1988 inspection. CRA visually inspected the mod paint mixing area sumps and found the sumps to be in good condition. No evidence of a release from the mod paint mixing area sumps exists.

Acetylene Sludge Pit: During interviews conducted with Facility personnel, it was identified that acetylene sludge pits were historically operated exterior to the Main Assembly Building. As shown on the 1962 and 1965 aerial photographs, one acetylene sludge pit, which has an area of approximately 8,500 square feet, was located outside, directly north of column line CC. Based on the aerial photograph, there did not appear to be more than one pit. According to former Facility personnel, calcium carbide (manufactured by fusing calcium oxide and coke at high temperatures) was mixed with water in an adjacent building to produce acetylene gas. The residual by-product of this process is calcium hydroxide sludge which was placed into the acetylene sludge pit. No

information was available to confirm the construction details of this pit; however, it was reportedly concrete lined (GM, 1995b). No information was available regarding closure of the pit.

WWTP Sump: The WWTP sump was installed when the WWTP plant was built in 1985. It is approximately 18 feet deep, constructed of concrete, and is located in the center of the WWTP Building. With the exception of the ELPO rinse water, the WWTP sump receives all influent wastewater. At the time of the Site inspections, the WWTP sump was operational. As such, the sump could not be inspected and the sump's integrity could not be documented.

Hydraulic Lifts: Prior to 1997, a hydraulic lift station was located in the area of column N4. This former lift system and its associated piping and tanks were approximately 30 years old at the time of the lift station removal and did not contain any leak detection devices. When this station was removed, petroleum odors and visibly stained soils were observed and it was assumed that a release of hydraulic oil from the hydraulic fluid reservoirs had occurred. Upon discovery of the release, GM personnel contacted DNREC's UST Division who subsequently conducted an inspection of the impacted area and provided GM with recommendations for a limited soil investigation. The limited soil investigation at this release was conducted by Clean Tech in November 1996 and was comprised of 11 soil samples from the excavation side-walls and floor and two upgradient soil samples for laboratory analysis of total petroleum hydrocarbons (TPH). Soil analytical data ranged from non-detect above 10 ppm to 24,300 ppm, which exceeded the DNREC action level for TPH of 1,000 ppm (Clean Tech, January 1997). The results of the limited soil investigation were submitted to DNREC, who determined that the limited extent of the contamination and the location of the contamination beneath Main Assembly Building minimized any possible risks due to the hydraulic oil release provided the remaining contaminated soils were undisturbed (DNREC, August 5, 1997). Residual TPH contamination above 1,000 ppm is likely to remain in soil beneath the Main Assembly Building at column line N4.

4.5 ABOVEGROUND STORAGE TANKS (ASTs)

According to the Facility personnel and available information, the following is a summary of ASTs at the Facility:

<u>AST ID.</u>	<u>Size</u> (gallons)	<u>Contents</u>	<u>Location</u>	<u>Status</u>	<u>Secondary Containment</u>
A	39,000	Purge Solvent	Tank Farm	Closed	Earthen Berm

<u>AST ID.</u>	<u>Size</u> <u>(gallons)</u>	<u>Contents</u>	<u>Location</u>	<u>Status</u>	<u>Secondary Containment</u>
B	60,900	Diesel Oil	Tank Farm	Closed	Earthen Berm
C	40,000	Gasoline	Tank Farm	Closed	Earthen Berm
D	250,000	Cooler Tank	Tank Farm	In Service	None
E	250,000	Cooler Tank	Tank Farm	In Service	None
F	250,000	No. 6 Fuel Oil	Tank Farm	Out of Service	Earthen Berm
G	250,000	No. 6 Fuel Oil	Tank Farm	In Service	Earthen Berm
H	12,000	Thinner	Tank Farm	Out of Service and Cleaned	Concrete walls, gravel base
I	12,000	Diesel Oil	Tank Farm	Out of Service and Cleaned	Concrete walls, gravel base
J	12,000	Thinner	Tank Farm	Out of Service and Cleaned	Concrete walls, gravel base
K	12,000	Glycol	Tank Farm	Out of Service and Cleaned	Concrete walls, gravel base
L ¹	12,000	Power Steering Fluid	Tank Farm	Out of Service and Cleaned	Concrete
M	12,000	Glycol	Tank Farm	Out of Service and Cleaned	Concrete
N	12,000	Automatic Transmission Fluid	Tank Farm	Out of Service and Cleaned	Concrete
O	12,000	Manual Transmission Fluid	Tank Farm	Out of Service and Cleaned	Concrete
P	6,000	Waste Solvent	Mod Paint Building	Out of Service and Cleaned	None
Q	6,000	Waste Solvent	Mod Paint Building	Out of Service and Cleaned	None
R	6,000	Parco Preclean 2960	Phosphate/ELPO	Out of Service and Cleaned	Concrete curbing
S	6,000	Parco 1529R	Phosphate/ELPO	Out of Service and Cleaned	Concrete curbing
T	6,000	Bonderite 958R	Phosphate/ELPO	Out of Service and Cleaned	Concrete curbing
U	11,094	ELPO Resin	Phosphate/ELPO	Out of Service and Cleaned	Concrete curbing

<u>AST ID.</u>	<u>Size</u> <u>(gallons)</u>	<u>Contents</u>	<u>Location</u>	<u>Status</u>	<u>Secondary Containment</u>
V	2,000	Sulfuric Acid	WWTP	In Service	Concrete
W	5,400	SUVA 134A	East Drive	In Service	None
X	500	Sodium Hydroxide	WWTP	In Service	Polyethylene
Y	500	Sodium Hydroxide	WWTP	In Service	Concrete curbing
Z	12,000	Gasoline	Convault Area	In Service	Double Walled
AA	12,000	Gasoline	Convault Area	In Service	Double Walled
WWTP	1,000	Diesel	WWTP	In Service	Concrete walls
3 Pump	300	Diesel	Pump House	In Service	Concrete
Hs. 2	300	Diesel	Pump House	In Service	Concrete
ASTs	300	Diesel	Pump House	In Service	Steel
Power Hs. AST	300	Diesel	Power House.	In Service	None.
Solvent Tanks	9,000	Solvent	North of Weld Water Building	Closed in Place	Within Vault
	9,000	Solvent	North of Weld Water Building	Closed in Place	Within Vault
	9,000	Solvent	North of Weld Water Building	Closed in Place	Within Vault

The Facility's ASTs are registered under the State of Delaware AST and Petroleum Vapor Recovery Program Facility Identification No. 7-000218.

The locations of the ASTs are presented on Figure 2. With the exception of cooler ASTs D and E, which store water, the ASTs are discussed further below.

AST A is a 39,000-gallon, vertical AST with a diameter of 18 feet and a height of 22 feet. The purge solvent tank is located within an earthen berm in the tank farm on the western side of the plant and has always been used to store purge thinner. Associated underground piping extends from the AST to the pump house east of the AST. The purge solvent tank was taken out of service on September 3, 2002. The tank was cleaned once the tank was taken out of service and was empty at the time of the Site inspections. CRA visually inspected AST A and found no significant signs of staining, leakage, or spills. The soil quality in the vicinity of the purge solvent tank was characterized in

April 2009 as part of a Facility assessment for the closure of four ASTs (i.e., AST A, B, C, and F). Assessment activities were conducted in accordance with the Delaware Regulations Governing Aboveground Storage Tanks (DNREC, February 11, 2005). Soil samples were collected on all four sides of the AST at the soil interval immediately below the gravel layer (i.e., 6-inches to 12-inches bgs) and below the piping leading to the pump house. Soil samples were submitted for laboratory analysis of VOCs, semi-volatile organic compounds (SVOCs), and metals. A review of the laboratory analytical results found the soil in the vicinity of this AST did not exhibit evidence of impact from the tank's previous contents above the residential URSSs. The status of AST A is listed as "permanently closed". In a September 24, 2009 letter, DNREC indicated that NFA was required for AST A.

AST A, as described in the previous section, was originally installed in 1955 within an earthen berm northeast of its current location. Its original and only use was for the storage of purge thinner. Associated underground piping extended from the AST to the existing pump house east of the tank and towards the north to an unknown location. The tank was relocated to its current location in the 1980s. No previous investigations or remedial actions have been completed at this AST. However, general soil and groundwater quality screening has been conducted in the vicinity of AST A's original location as part of the OU-2 Area investigations. (OU-2 is an area bounded by column lines BB, MM, 14, and 21, which includes the northern half of the tank farm, the pump house, and the weld water building.) Groundwater monitoring of the OU-2 Area is being conducted in accordance with the DNREC-approved Groundwater Remedial Investigation and Feasibility Study Report, OU-2 Bulk Product Tank Area (CRA, January 2009), herein referred to as the OU-2 RI/FS. DNREC has indicated that a NFA letter for OU-2 Area soils will be issued once groundwater conditions within the OU-2 Area comply with applicable groundwater clean-up standards. Since soil and groundwater in the vicinity of this tank are being addressed as part of the OU-2 Area investigations, impact, if any, from the historical use of this AST in its original location is being investigated and remediated under a DNREC-approved plan.

AST B is a 60,900-gallon, vertical AST with a diameter of 24 feet and a height of 18 feet located within an earthen berm in the tank farm on the western side of the plant. This AST was installed in 1955 and was used to store diesel oil until it was permanently taken out of service on January 1, 2006. Piping extends from the AST to the pump house east of the AST. The diesel oil tank was cleaned once the tank was taken out of service in 2006 and was empty at the time of the Site inspections. On March 31, 1976, a release of diesel oil was discovered in the tank farm area directly to the south of the 40,000-gallon unleaded gasoline tank (AST C). The release was suspected to have come from a diesel oil pipeline connecting the 60,900-gallon diesel oil tank, which is located directly to the

west of the gasoline tank, to the Power House. Oil flowed out onto an area of approximately 1,050 square feet, outside of the secondary containment diking around the AST. No information regarding the actual source of the leak was found in the Facility files reviewed by CRA. According to Facility records, 4,528 cubic feet (168 cubic yards) of impacted soil were removed from the area. No closure documentation was available in the files reviewed by CRA and no post-excavation samples appear to have been collected. The soil quality in the vicinity of the diesel oil tank was characterized in April 2009 as part of a Facility assessment for the closure of four ASTs (i.e., AST A, B, C, and F). Assessment activities were conducted in accordance with the Delaware Regulations Governing Aboveground Storage Tanks (DNREC, February 11, 2005). Soil samples were collected on all four sides of the AST at the soil interval immediately below the gravel layer (i.e., 6-inches to 12-inches bgs) and below the piping leading to the pump house. Soil samples were submitted for laboratory analysis of VOCs, SVOCs, PCBs, and metals. A review of the laboratory analytical results found the soil in the vicinity of this AST did not indicate evidence of impact from the tank's previous contents above the residential URSS. The status of AST B is listed as "permanently closed". In a September 24, 2009 letter, DNREC indicated that NFA was required for AST B.

AST C is a 40,000-gallon, vertical AST with a diameter of 18 feet and a height of 22 feet located within an earthen berm in the tank farm on the western side of the plant. This AST was installed in 1947 for the storage of gasoline until it was permanently taken out of service on July 1, 2006. Piping extends from the AST to the pump house east of the tank. Gasoline AST C was cleaned once it was permanently removed from service and was empty at the time of the Site inspections. CRA visually inspected AST C and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The soil quality in the vicinity of the gasoline tank was characterized in April 2009 as part of a Facility assessment for the closure of four ASTs (i.e., AST A, B, C, and F). Assessment activities were conducted in accordance the Delaware Regulations Governing Aboveground Storage Tanks (DNREC, February 11, 2005). Soil samples were collected on all four sides of the AST at the soil interval immediately below the gravel layer (i.e., 6-inches to 12-inches bgs) and below the piping leading to the pump house. Soil samples were submitted for laboratory analysis of VOCs and lead. A review of the laboratory analytical results found the soil in the vicinity of this AST did not indicate evidence of impact from the tank's contents above the residential URSS. The status of AST C is listed as "permanently closed". In a September 24, 2009 letter, DNREC indicated that NFA was required for AST C.

AST F is a 250,000-gallon, vertical AST with a diameter of 40 feet and a height of 27 feet located within an earthen berm in the tank farm on the western side of the plant. This

AST was installed in 1955 for the storage of No. 6 fuel oil until it was permanently taken out of service on April 18, 2007. Piping extends from the AST to the power house east of the AST and to the tank truck delivery station to the north. No. 6 fuel oil AST F was cleaned once it was permanently removed from service and was empty at the time of the Site inspections. The soil quality in the vicinity of No. 6 fuel oil AST F was characterized in April 2009 as part of a Facility assessment for the closure of four ASTs (i.e., AST A, B, C, and F). Assessment activities were conducted in accordance the Delaware Regulations Governing Aboveground Storage Tanks (DNREC, February 11, 2005). Soil samples were collected on all four sides of the AST at the soil interval immediately below the gravel layer (i.e., 6-inches to 12-inches bgs) and below the piping leading to the pump house and the delivery area. Soil samples were submitted for laboratory analysis of SVOCs, PCBs, and metals. A review of the laboratory analytical results found the soil in the vicinity of AST F exhibits levels of SVOCs above Delaware's URs. Two groundwater grab samples were collected in the vicinity of the No. 6 fuel oil AST for laboratory analysis of SVOCs and metals. A review of the laboratory analytical results found groundwater in the vicinity of AST F exhibits levels of SVOCs above DNREC's URs. The status of AST F is listed as "permanently closed". In a September 24, 2009 letter, DNREC requested additional investigation of the soil and groundwater in the vicinity of this AST be conducted. The Tank F Investigation Work Plan (CRA, 2009) was submitted to DNREC on November 11, 2009 and outlines a scope of work to further delineate the horizontal and vertical extent of the soil and groundwater impacts above the Delaware URs. As such, further investigation of AST F is on-going.

AST G is a 250,000-gallon, vertical AST with a diameter of 40 feet and a height of 27 feet located within an earthen berm in the tank farm on the western side of the plant. This AST was constructed in 1960 for the storage of No. 6 fuel oil and is still used to store No. 6 fuel oil used in the Power House. Piping extends from the AST to the power house east of the AST and to the tank truck delivery station to the north. No. 6 fuel oil AST G was cleaned once it was taken out of service and integrity tested by Inter Spec, LLC using the API Test Method 653 in August 2007. This inspection indicated that the tank bottom required re-welding and/or patching in several locations. The report indicated that the AST could be returned to service after repair. The AST was in use at the time of the Site inspections. CRA visually inspected AST G and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of AST G is listed as "in service".

ASTs H-K: There are two AST containment areas and a pump house in the AST containment/truck unloading area. The northern AST containment area was constructed prior to 1955 and consists of 5-foot concrete walls and a gravel base. The

northern AST containment pad contains four 12,000-gallon ASTs, which are identified as AST H through AST K. The ASTs' characteristics are identified below.

- AST H is a 12,000-gallon, horizontal AST with a diameter of 8 feet and a length of 32 feet. AST H was installed prior to 1955 for the storage of thinner. The tank has been taken out of service, cleaned, and was empty at the time of the Site inspections.
- AST I is a 12,000-gallon, horizontal AST with a diameter of 8 feet and a length of 32 feet. AST I was installed prior to 1955 for the storage of diesel oil. The tank has been taken out of service, cleaned, and was empty at the time of the Site inspections.
- AST J is a 12,000-gallon, horizontal AST with a diameter of 8 feet and a length of 32 feet. AST J was installed prior to 1955 for the storage of thinner. The tank has been taken out of service, cleaned, and was empty at the time of the Site inspections.
- AST K is a 12,000-gallon, horizontal AST with a diameter of 8 feet and a length of 32 feet. AST K was installed prior to 1955 for the storage of glycol. The tank has been taken out of service, cleaned, and was empty at the time of the Site inspections.

General soil and groundwater quality screening has been conducted in the vicinity of ASTs H through K as part of the OU-2 Area investigations. Groundwater monitoring of the OU-2 Area is being conducted in accordance with the DNREC-approved OU 2 RI/FS. DNREC has indicated that a NFA letter for OU-2 Area soils will be issued once groundwater conditions within the OU-2 Area have been remediated to applicable groundwater clean-up standards. CRA visually inspected ASTs H through K and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of ASTs H, I, J and K are listed as "out of service" and cleaning activities have been completed.

ASTs L through O, Z and AA: These ASTs are located in what is designated as the Operable Unit (OU) 1 Area. It includes the southern AST containment area (i.e., ASTs L through O, each with a volume of 12,000 gallons) and two additional 12,000-gallon gasoline ASTs (i.e., AST Z and AA), which are Convault tanks (with full secondary containment). The southern AST containment area was constructed prior to 1955 and consists of 5-foot concrete walls and a concrete base. The characteristics of ASTs are identified below.

- AST L was installed prior to 1955 for the initial storage of rear axle fluid and, more recently, for the storage of power steering fluid. The tank has been taken out of service and was empty at the time of the Site inspections.
- AST M was installed prior to 1955 for the storage of glycol. The tank has been taken out of service and was empty at the time of the Site inspections.
- AST N was installed prior to 1955 for the storage of automatic transmission fluid. The tank has been taken out of service and was empty at the time of the Site inspections.
- AST O was installed prior to 1955 for the storage of manual transmission fluid. The tank has been taken out of service and was empty at the time of the Site inspections.
- AST Z and AA are 12,000-gallon gasoline ASTs located directly to the east of the southern AST containment area. These ASTs are rectangular, steel, double-walled tanks extending lengthwise in a north to south direction. Aboveground piping extends from the ASTs to the power house east of the ASTs. The tanks were in service at the time of the Site inspections.

On January 11, 2002, a release of power steering fluid from Tank L occurred. This fluid drained to the process sump within the secondary containment and was pumped from the sump to the basement of the Pump House. The release resulted in saturation of soil within the secondary containment area and accumulation of the fluid in the sump within the Pump House. The fluid was removed from the Pump House sump and the affected soil was removed based on visual evidence of impact. A concrete pad was placed into the secondary containment beneath ASTs L through O. GM reported the release to DNREC, and subsequently provided DNREC with a work plan to assess the potential impact from the release. The soil quality in the vicinity of AST L was characterized in 2002 following the January 11, 2002 release of power steering fluid. Eight hand auger borings were advanced, both within the containment area, and along the underground piping. Eleven soil samples were selected from these borings for laboratory analyses of VOCs and SVOCs. Though visual evidence of impact was noted during the soil quality investigation, none of the detected compounds were found at concentrations above the URs. As such, there was no significant impact to the soil either within the containment area or along the pipelines to the Pump House as a result of the January 11, 2002 AST L release. Investigation activities and remedial alternatives conducted in the OU-1 Area to address soil exceedances were presented in the "Report of Findings OU-1 Soils Bulk Product Tank Area" (CRA, 2004), which resulted in a NFA for soil as documented by DNREC's Site Investigation and Restoration Branch (SIRB) letter dated January 15, 2004 to GM.

ASTs P and Q are 6,000-gallon, vertical steel tanks with conical bottoms located within the Mod Paint Building near column QQ18. These ASTs were installed in 1985 for the storage of hazardous waste solvents from the painting operations and were out of service at the time of the Site inspections. CRA visually inspected ASTs P and Q and found no significant signs of staining, leakage, or spills at the time of the Site inspections. Truck loading activities were conducted directly to the west of the tanks. The U.S. EPA conducted an investigation of these tanks and the remainder of the painting operations in the Mod Paint Building to determine the inspection requirements for the solvent system under Subparts AA and BB of 40 Code of Federal Regulations (CFR) 265, which regulates air emissions from hazardous waste storage facilities. During this investigation, the U.S. EPA identified bolt holes and cracks in the concrete within the room in which the waste solvent ASTs are located and required that they be patched. According to Facility personnel, the cracks were superficial and related to the elevated pedestals on which the feet of the ASTs rested and that neither the bolt holes nor the cracks in any way extended through the concrete slab beneath. The status of ASTs P and Q is listed as "out of service" and cleaning activities are completed. Concrete in the vicinity of the associated truck loading activities may have historically allowed for a release to the environment.

AST R is a 6,000-gallon, fiberglass AST used for the storage of Parco Preclean 2960 (consisting of glycol ethers, ammonium hydroxide, sodium tetraborate, and triethanol amines). AST R is located within a concrete curbed area near column LL30 on the first floor of the Main Assembly Building. A sump within the concrete curbed area drains to the process sewer. AST R has been emptied and cleaned as part of the Facility decommissioning activities. CRA visually inspected AST R and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of AST R is listed as "out of service". No evidence of a release from the AST exists.

AST S is a 6,000-gallon, fiberglass AST used for the storage of Parco 1523R (consisting of potassium hydroxide solution which prepares metal surfaces for phosphating processes). AST S is located within a concrete curbed area near column LL30 on the first floor of the Main Assembly Building. A sump within the concrete curbed area drains to the process sewer. AST S has been emptied and cleaned as part of the Facility decommissioning activities. CRA visually inspected AST S and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of AST S is listed as "out of service". No evidence of a release from the AST exists.

AST T is a 6,000-gallon, fiberglass AST used for the storage of Bonderite 958R (consisting of phosphoric acid solution which imparts a zinc phosphate coating to metal). AST T is located within a concrete curbed area near column LL30 on the first

floor of the Main Assembly Building. A sump within the concrete curbed area drains to the process sewer. AST T has been emptied and cleaned as part of the Facility decommissioning activities. CRA visually inspected AST T and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of AST T is listed as "out of service". No evidence of a release from the AST exists.

AST U is an 11,094-gallon, fiberglass tank used for the storage of ELPO resin (consisting of waterborne base coat containing acrylic and polyurethane resin systems). AST U is located within a concrete curbed area near column LL26 on the first floor of the Main Assembly Building. A sump within the concrete curbed area drains to the process sewer. AST U has been emptied and cleaned as part of the Facility decommissioning activities. CRA visually inspected AST U and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of AST U is listed as "out of service". No evidence of a release from the AST exists.

AST V is a 2,000-gallon, vertical, steel tank that was installed in 1985 for the storage of sulfuric acid for wastewater pH adjustment. AST V is located in the WWTP within concrete secondary containment that is treated with an acid-resistant coating. At approximately 4:15 p.m. on March 19, 1993, a spill of approximately 1,000 gallons of sulfuric acid occurred. The sulfuric acid spill occurred during filling operations at the WWTP when the tank reached its capacity and filling continued, releasing sulfuric acid from the vent pipe into the secondary containment surrounding the tank. Facility personnel estimated approximately 10 to 15 gallons of sulfuric acid was spilled to the concrete slab outside of the containment area. GM personnel pumped the containment area to the WWTP influent sump and placed soda ash on the affected concrete slab to neutralize the acid. The soda ash was shoveled from the floor and containerized in drums for appropriate off-Site disposal. GM contacted DNREC's spill hotline at 6:25 p.m. and the DNREC representative stated that the remedial actions appeared adequate. CRA visually inspected AST V and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of AST V is listed as "in service". No evidence of a release to the environment from the AST exists.

AST W is a 5,400-gallon steel AST that was installed in 1980 for the storage of refrigerant used to charge the finished vehicle's air conditioning systems. AST W is located on the east side of the Main Assembly Building to the east of column W20. The refrigerant stored in AST W, SUVA 134A, consists of 1,1,1,2-tetrafluoroethane that has a boiling point of approximately minus 16 degree F at standard temperature and pressure. Any release from AST W would likely vaporize prior to contacting soil or groundwater beneath the floor slab. CRA visually inspected AST W and found no significant signs of

staining, leakage, or spills at the time of the Site inspections. The status of AST W is listed as "in service". No evidence of a release to the environment from the AST exists.

AST X is a 750-gallon, polyethylene AST that was installed in 1998 for the storage of sodium hydroxide used for wastewater pH adjustment. AST X is located in the WWTP within polyethylene secondary containment that drains to the process sewer. AST X is insulated and heated to prevent solidification of the sodium hydroxide. Tank X was in service at the time of the Site inspections. CRA visually inspected AST X and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of AST X is listed as "in service". No evidence of a release to the environment from the AST exists.

AST Y is a 540-gallon, polyethylene AST that was installed in 1998 for the storage of sodium hypochlorite used for disinfection of WWTP sand filters. AST Y is located in the WWTP within a curbed area that drains to the process sewer. AST Y was in service at the time of the Site inspections. CRA visually inspected AST Y and found no significant signs of staining, leakage, or spills at the time of the Site inspections. The status of AST Y is listed as "in service". No evidence of a release to the environment from the AST exists.

The WWTP Diesel AST is a 1,000-gallon, diesel AST constructed of steel and located within secondary and tertiary containment within the WWTP facility. This AST was in service at the time of the Site inspections. CRA visually inspected the AST and found no significant signs of staining, leakage, or spills at the time of the Site inspections. No evidence of a release to the environment from the AST exists.

Three 300-gallon, Diesel Oil ASTs are located in Pump House No. 2 within an area of secondary containment. Between 5:30 and 7:30 pm on June 30, 1996, approximately 2,000 gallons of diesel oil was released from the northern most 300-gallon diesel oil AST within Pump House No. 2. At the time of the release, the Pump House ASTs were automatically filled by the bulk diesel oil AST adjacent to the Pump House. On the night of the spill incident, a bypass valve on the north tank was inadvertently left open allowing the diesel oil to flow into the north tank and eventually overflow through the tank vent pipe. The fuel sprayed out of the vent pipe onto the ground beside the building and from there approximately 25 gallons were released to three stormwater catch basins. Once the spill was discovered, the fuel pumps were immediately shut off, oil dry was used to absorb the spilled diesel oil and a dike was constructed to prevent additional material from entering the storm drain. Additionally stormwater sluice gates were closed and Outfall 001 was inspected and found to have no evidence of impact from diesel oil. Remediation of the affected area included the removal of approximately

four 55-gallon drums of water and diesel oil from the stormwater catch basin and removal of oil dry and visually impacted soil in the spill area. The release of the diesel oil was reported to the DNREC spill hotline at approximately 9:30 p.m. on June 30, 1996 (GM, 1996a). CRA visually inspected the diesel oil AST and found no significant signs of staining, leakage, or spills at the time of the Site inspections. General soil and groundwater quality screening has been conducted in the vicinity of Pump House No. 2 as part of the OU-2 Area investigations. Groundwater monitoring of the OU-2 Area is being conducted in accordance with the DNREC-approved OU-2 RI/FS. DNREC has indicated that a NFA letter for OU-2 Area soils will be issued once groundwater conditions within the OU-2 Area are addressed. As soil and groundwater in the vicinity of those tanks are being addressed as part of OU-2 Area investigations, impacts, if any, from the use of these ASTs are being investigated and remediated under a DNREC approved plan.

Power House AST: A 300-gallon AST containing diesel oil is located in the basement of the Power House. The AST is located on a concrete floor which appears to be in good condition. No secondary containment was observed surrounding the AST. Oil-absorbing mats have been placed on the floor on one side of the AST and are soaked with oil. An examination of the AST did not find a leak or hole in the AST. However, the source of the oil could not be determined.

Kolene Tank: According to Facility personnel, a tank referred to as the "kolene tank" is located at column line FF21 of the Facility grid on the first floor of the Main Assembly Building and was used to store molten salt bath. The kolene tank is an approximate 3,000-gallon, steel tank encased in concrete. The tank, approximately 9-feet long and 9-feet wide, was originally level with the plant slab and extended to approximately 5 feet bgs. Hangers and other equipment used to support painting operations were submerged into the molten salt bath to remove accumulated paint pigments. According to Facility personnel and based on review of available information, the kolene tank was closed in place by allowing its contents to solidify. The tank's contents included, but were not necessarily limited to, lead and other metals, paint pigments, and salt. The tank's solidified contents were then covered with concrete to the elevation of the surrounding slab. Analysis of the solidified salt indicated that the salt is RCRA hazardous for lead. At the time of the Site inspections, the kolene tank remained closed in place. Due to the solidified nature of the tanks contents at the time of tank closure and the tank being inside the building, the potential for a release to the environment is low to moderate.

Solvent-borne Dip Tank: According to Facility personnel, an aboveground tank referred to as the "solvent-borne dip tank" was located between column lines DD21 on

the first floor of the Main Assembly Building. No information was available regarding the tanks contents, capacity, and construction. No previous investigations have been conducted relative to the solvent-borne dip tank operations. However, groundwater quality screening has been conducted downgradient of this tank as part of the OU-2 Area investigations. The closest downgradient monitoring well (i.e., MW-16) does not exhibit concentrations of related contaminants above applicable criteria. No documentation was reviewed that suggests a release to the environment from the solvent-borne dip tank. Given that the tank was historically located inside the Main Assembly Building, aboveground, and rested on the concrete slab, there is little potential for a release to the environment from this AST. This is further supported by the quality of the groundwater immediately downgradient of this AST.

ELPO Rinse Water AST: The Facility's electrophoretic priming operations (ELPO) system is a painting system that submerges the entire metal part into a bath of paint suspended in water. The paint is attracted to the metal part by an electric charge. A 100,000-gallon AST, located outside, north of the Main Assembly Building at column line FF30, was installed in 1995 for the storage of rinse water from the ELPO system. The ELPO rinse water AST is constructed of steel and is located within concrete secondary containment. ELPO rinse water is transferred through underground piping from the ELPO AST to the Grit Separator Building. CRA visually inspected the ELPO AST and found no significant signs of staining, leakage, or spills at the time of the Site inspections. No evidence of a release from the ELPO AST exists. Based on the conditions observed during the Site inspections, there is little potential for a release to the environment as a result of these operations.

The De-ionized (DI) Water Production System for use in the ELPO process is located in the area between column lines LL24 and MM24. This system was last used in the early-1990s. Since that time, DI water has been generated by truck-mounted DI water generation systems that perform the service on an as needed basis and then leave the Facility. The original system, when it was operating, contained ASTs of caustic and acids used to regenerate the resins to produce DI water. All ASTs from the historical operations were located within concrete diking that drained to the process sewer. CRA visually inspected the concrete beneath the DI system's former ASTs and found no significant signs of staining, leakage, or spills at the time of the 2009 Facility inspections. Only the DI water storage tank remained as of the December Site inspection. No evidence of a release from the DI system's AST exists.

Three Solvent ASTs: These three 9,000-gallon paint solvent tanks are located in an underground vault outside of the Main Assembly Building, directly south of column line 21 between column line CC to EE and are located in underground vaults.

According to Facility personnel, these ASTs were closed in place by filling the tanks with sand. No information was available to determine the date the tanks were closed in place. Groundwater quality downgradient of these tanks can be evaluated by reviewing groundwater data from monitoring Well MW-16. The data from this well does not exceed the Delaware URS. Soil and groundwater in the vicinity of these ASTs are being addressed as part of the OU-2 Area investigations at this time.

4.6 RAW MATERIAL AND CHEMICAL USE AND STORAGE

According to Facility personnel and based on observations made during the Facility inspection, there were significant amounts of raw materials used and stored at the Facility. Prior to Plant idling, raw materials used and stored at the Facility in significant quantities included, but were not limited to, gasoline and diesel oil, antifreeze, power steering fluid, glycol, fuel oil, paint thinner and solvent. The solvents consisted primarily of aromatic and aliphatic hydrocarbons, alcohols, ketones, glycols, and butyl ethers. Small amounts of 1,1,1-trichloroethene and methylene chloride were also used for limited purposes such as periodic cleaning operations. According to Facility personnel, and based on observations made during the Site inspections, most industrial process lines used to transfer chemicals and bulk liquids to support production are located above ground surface.

Raw materials and chemicals used in drum quantities or less were generally stored either in the northern section of the Tire Building or near their point of use. These chemicals were generally received at the Tire Building either from rail cars or from trucks. The Tire Building showed no signs of staining or degraded concrete.

Raw materials and chemicals used in greater quantities were generally stored in ASTs and USTs as discussed in Sections 4.4 and 4.5, the ELPO areas, phosphate areas, and the Anchor Building. The ELPO and phosphate areas exhibited degraded concrete at the time of the Site inspections, as discussed in Section 4.6. Other raw material storage areas and/or infrastructure (i.e., ASTs) were generally observed to have good housekeeping and were in sound condition.

4.6.1 ELPO AREAS

The facility's electroplating operations (ELPO) system is a painting system that submerges the vehicle parts in to a bath of paint particles suspended in water. The historical and current ELPO areas were located at column reference LL25. The new

process dip tank, containing 115,000 gallons of solution, is located on the Main Assembly Building floor slab at column reference LL25. The 15,000-gallon ELPO resin storage tank is located on the Main Assembly Building floor slab at column reference LL27. CRA visually inspected the ELPO area and found areas of degraded concrete that may have been penetrated by ELPO solutions.

4.6.2 PHOSPHATE AREAS

The historical phosphate area was located on the first floor of the Main Assembly Building between column lines FF through JJ and between column lines 28 and 29. According to the Facility personnel and based on review of available information, phosphoric acid and chromates were primarily used in this area. The current phosphate area is located one bay to the north of the historical system, between column lines FF30 and MM30 and, from there, south to MM26.

According to a historical assessment of the Facility, phosphate coating referred to as Bonderite was spilled or released in this area in 1983. Details as to the quantity and extent of the spill/release or any remedial measures implemented as a result of the spill/release were not available in the files reviewed by CRA. A second documented release from the phosphate area occurred in 1996 when wastewater from the phosphate area was spilled to the surrounding concrete floor slab. CRA visually inspected the phosphate area and found areas of degraded concrete that may have been penetrated by phosphate solutions.

4.6.3 ANCHOR BUILDING

The Anchor Building (also known as the Cassen Building) is located east of the Main Assembly Building and on the southeastern portion of the Site. According to Facility personnel and based on review of available information, the building and adjacent parking lot were leased to contractors over the course of the Facility's operations, including but not limited to Anchor Motor Freight, Inc. (AFM), which was a subsidiary of Leaseway Transportation Corporation. The Anchor Building includes a mezzanine that was used primarily as office space and a fuel dispensing area. AFM operated ten USTs (i.e., A through J) adjacent to the building for their operations including maintenance and repair of engines and vehicle fueling. Details of the former USTs' capacity and contents are provided below.

<i>UST No.</i>	<i>Volume (gallons)</i>	<i>Contents</i>	<i>Age When Removed</i>	<i>Protection</i>	<i>Petrotite Test</i>
1 (I)	2,000	Fuel Oil No. 2	18-22	None	No information
2 (J)	2,000	Fuel Oil No. 2	18-22	None	No information
3 (G)	5,000	New Oil	>22	None	Failed 1988
4 (H)	2,000	Used Oil	<7	asphalt or tar coated	No information
5 (A)	5,000	Diesel	>22	None	Failed 1987
6 (B)	5,000	Diesel	>22	None	Failed 1987
7 (D)	10,000	Diesel	>22	None	No information
8 (F)	4,000	Gasoline	>22	None	Failed 1982
9 (E)	4,000	Gasoline	>22	None	Failed 1982
10 (C)	10,000	Diesel	>22	None	No information

The Anchor Building USTs were removed between late 1989 and early 1990 under the direction of Continental Vanguard. On November 28, 1990, DNREC issued an NFA letter for Anchor Building USTs.

In late 1989 or early 1990, the USTs were replaced by seven ASTs, which were constructed to the south of the Anchor Building. The Anchor Building ASTs were located on concrete and within diking to provide for secondary containment. Details of the tanks' capacity, contents, and construction are provided below.

<i>AST No.</i>	<i>Volume (gallons)</i>	<i>Contents</i>	<i>AST Construction</i>
1	20,000	Diesel	Steel
2	20,000	Diesel	Steel
3	20,000	Diesel	Steel
4	8,000	Gasoline	Steel
5	2,500	New Oil	Steel
6	2,500	Waste Oil	Steel
7	6,000	Anti-Freeze	Steel

The ASTs were operated from late 1989 or early 1990 through 1997 when the ASTs were removed. According to Facility personnel, tanks and associated piping were cleaned and transported to a metal recycling facility. CRA visually inspected the area of the former Anchor Building ASTs at the time of the Site inspections. The former AST area appeared to be in good condition, with few cracks or open seams in the concrete pad.

A petroleum dispensing station is located on the northern wall of the southern half of the Anchor Building. Overhead product lines run from the southeastern corner of the building to the dispensing area. The dispensing area is surrounded by a low concrete dike. CRA visually inspected the petroleum dispensing area and found moderate staining at the time of the Site inspection.

A set of fuel islands for dispensing fuel from the former AST were located directly to the east of the former ASTs. This area is now covered with asphalt and there are no signs of the former dispensing islands.

4.7 SOLID AND SPECIAL WASTE

The Site historically generated a variety of solid wastes with the associated on-Site management and off-Site disposal / recycling facility as listed below.

<u>Waste Stream</u>	<u>On Site Management</u>	<u>Off Site Management</u>
Absorbents	Ind. Non-haz. Waste Pad	Waste Management to Model City
Batteries	Stored for Recycle on Sec. Cont.	East Penn Manufacturing
Coolants	Stored In Sec. Containment	Safety Kleen
Oils	Stored In Sec. Containment	Eldridge, Clean Venture
Oil Filters	Stored in Drums	Safety Kleen
Paint Filters	Haz. Waste Pad	Safety Kleen
Scrap Metal	Dumpster	Macusio Bros.
Sludges	In Process Units	USPCI, No. Dakota
Drums	Non-haz. Waste Pad	Camden Drum Reconditioner
Tires	Tire Building	Tire Recycler in Wilmington, DE
Paper and cardboard	Dumpster	Recycling by Cumberland Recycling in Cumberland, New Jersey
Rags	Rag Cans	Recycled by Acme Uniforms
Parts Washer Solvent	Stored in Washer Unit	Safety Kleen
General Refuse	Dumpster / Compactor	Waste Management

According to Facility personnel interviewed on October 7, 2009, waste material was historically stored on asphalt to the south of the Anchor Building. This waste consisted

of pallets and other trash that was subsequently transported to a local landfill for disposal as non-hazardous waste. This area was paved with asphalt that was observed to be in good condition with few cracks at the time of the Site inspection.

According to Facility personnel, no on-Site below grade disposal of solid non-hazardous waste occurred at the Facility. However, according to Site representatives, non-hazardous solid waste material consisting of scrap pallets and paper were placed in piles on the ground and burned in an open area located approximately 200 feet east of the current Tire Building, in the vicinity of the test track. Refuse was piled in this area and burned to completion using paint solvent to start the fire. An area of disturbed soil, which is approximately 2.2 acres in size, could be seen in this area in the 1962 aerial photograph. These activities continued through the mid 1980's. According to a 1995 Liability Assessment Report, this area corresponds to the area in which paint sludge and/or other sludges were historically stored. In approximately the same area, a material resembling paint sludge was discovered on October 28, 1998 while digging fence post holes. GM personnel directed the fence post contractor to drill three additional holes west of the fence to determine if the material extended towards the Tire Building. According to an internal GM memorandum (GM, 1998), the layer of material appeared to become thinner towards the Tire Building (towards the east). According to the 1998 internal GM memorandum, the Plant's Environmental Engineer discussed the situation with DNREC, however, no written communication to DNREC regarding this matter was reviewed by CRA. The sludge removed from the post holes was drummed (i.e., two 55-gallon drums), was analyzed for waste characterization parameters, and was found to be RCRA hazardous for lead. No investigations have been conducted in this area to determine the extent of residual contamination, if any.

4.8 HAZARDOUS WASTE

The Facility was listed in the database search as a Large Quantity Generator (LQG) of hazardous waste. Hazardous waste generated on Site includes characteristic hazardous wastes that are ignitable (i.e., D001), corrosive (i.e., D002), reactive (i.e., D003), and hazardous waste with levels of barium, cadmium, chromium, mercury, benzene, methyl ethyl ketone (MEK), tetrachloroethylene (PCE), and/or trichloroethylene (TCE) above the associated Toxicity Characteristic Leaching Potential (TCLP) criteria. Listed hazardous waste generated at the Facility includes halogenated solvents (i.e., F002, F003, and F005) and wastewater treatment sludges (i.e., F019). Commercial chemical products historically disposed by the Facility's operator include acetone (U002), methanol (U154), 2-butanone (U159), naphthalene (U165), methyl benzene (U220), and dimethyl-benzene

(U239). The vast majority of the hazardous waste generated at the Site throughout its history consisted of paint solvents (consisting primarily of aromatic and aliphatic hydrocarbons, alcohols, ketones, glycols, and butyl ethers) and paint sludges which contained lead and other heavy metals. Small amounts of chlorinated hydrocarbon waste were historically generated, primarily from cleaning operations. Universal waste generated on Site includes batteries, lamps, and thermostats. Hazardous wastes were transported to licensed hazardous waste facilities for disposal.

Hazardous waste that is generated throughout the Facility is transported to the hazardous waste accumulation area located on the north side of the Main Assembly Building, between column lines CC and DD. The concrete of the hazardous waste accumulation area was observed to be in good condition with no evidence of a release to the environment. This area is diked and the drains within this area discharge to the process sewer.

Prior to 1992, the hazardous waste accumulation area was located on the north side of the Main Assembly Building between column lines B and D. From 1975 through 1986 this area also contained two 6,000-gallon ASTs used for the storage of accumulated paint residue and spent solvents (i.e., ASTs P and Q). This area is also diked and the drains within the area discharged to the process sewer. The concrete of the old hazardous waste accumulation and former tank storage area was found to be in poor condition at the time of the Site inspection.

GM submitted applications for RCRA Hazardous Waste Part A and Part B Permits to the U.S. EPA in December 1980 and September 1982, respectively. The Facility reportedly qualified for interim status for the hazardous waste storage area and two hazardous waste storage tanks. However, it was subsequently determined that the Facility had neither conducted nor operated a regulated activity requiring a permit nor stored hazardous waste at the Facility for more than 90 days. Therefore, in April 1989, GM filed a permit application withdrawal of their Part A and B Permits under the protective filing status of Federal register section 3005 (e) (2) of RCRA (i.e., Loss of Interim Status) and was therefore not required to develop and submit a Closure Plan.

A RCRA Facility Assessment (RFA) was completed in 1988. The environmental database search results suggest that the Corrective Action process was terminated on June 28, 1989. A Corrective Action Prioritization dated December 1, 1991 assigned the Facility a low Corrective Action priority.

In a letter from DNREC dated October 9, 1992, GM was notified that the State of Delaware no longer identified the Facility as a treatment, storage, and disposal (TSD) facility and that the old hazardous waste storage area could be closed.

The Corrective Action process for the Facility was terminated on June 28, 1989. Representatives of MLC and CRA toured the Facility with representatives of DNREC on October 15, 2009. At the time of the Facility tour, it was DNREC's understanding that the Facility was not subject to further Corrective Action.

The facility has received a number of notices of violation of hazardous waste regulations, the most notable of which related to violation of the hazardous waste air pollutant standards (40 CFR 265 Subpart AA and BB). GM had a disagreement with U.S. EPA over the interpretation of these standards, which has only recently been resolved. The enforcement issues in question would not have resulted in a release to the soil or groundwater.

4.9 WASTEWATER/SEWERS

Wastewater generated at the Facility consists of sanitary wastewater from the bathrooms and cafeteria, and process wastewater from a variety of industrial processes. The sanitary wastewater flows directly through sanitary wastewater lines to the city sewer of the City of Wilmington Department of Public Works. The process wastewater is collected separately and discharges to an on-Site wastewater treatment plant (WWTP) as described below.

Lift stations are located throughout the plant in order to pump accumulated process water to the on-Site WWTP. Although a comprehensive list of lift stations was not available, 11 lift stations were identified by Facility representatives during the Site inspections as provided below:

- Lift station at column DD28
- Lift station in the vicinity of column S7
- Lift station in the vicinity of column S18
- Lift station at northeast corner of Power House
- Lift station in basement of Power House
- Lift station east of Weld Water Building
- Lift station at Column QQ24 in basement of Mod Paint Building
- Two lift stations in ELPO area
- Two lift station in phosphate area

- Lift station in tire building
- Two lift stations in the body shop

Based on the age of the facility, it is estimated that the lift stations are greater than 30 years old. The lift stations were in use at the time of the Site inspection. As such, CRA could not determine the integrity of the structures.

The Grit Separator Building receives wastewater from the Site's lift stations and ELPO AST. Two ASTs act as settling chambers for grit and sludge prior to transfer to the WWTP. Accumulated grit and sludge was periodically removed from the settling tanks for appropriate off-site disposal. Until the early 1990's a 1,000-gallon waste oil AST was located within the Grit Separator Building for the collection of oil from the wastewater.

On December 4, 1994 wastewater overflowed a process sump within the Grit Separator Building to the surrounding concrete floor slab. The wastewater release occurred due to a partially closed valve that restricted the flow of process water from the sump to the WWTP. When the sump reached capacity, wastewater flowed beneath a nearby door into a storm sewer catch basin. CRA visually inspected the Grit Separator Building and found areas of stained concrete however; the concrete floor slab was found to be in good condition.

The on-Site WWTP is located north and east of the Main Assembly Building and has operated to treat industrial wastewater generated at the Facility since 1972. Treated waste water is discharged to the Publicly Owned Treatment Works (i.e., City of Wilmington Department of Public Works located at East 12th Street and Hay Road) under Wastewater Discharge Permit (WDP) No. 76-018 (Appendix F). On-Site wastewater treatment generally consists of settling/holding, clarifying, sludge thickening, blending, sand filtration, and pH adjustment. Details of the WWTP tanks are provided in Table 3.

The WWTP was identified as a SWMU in the 1988 RFA; however, the RFA concluded that no releases had been known to have occurred from this SWMU and that no evidence of a release was observed during the 1988 inspection.

4.10 STORMWATER

Storm sewer piping was installed with the original building and added on to as the plant expanded. The stormwater piping is constructed primarily of concrete. Two main storm sewer lines enter the Site from the south and are located on the eastern and

western side of the original Main Assembly Building. The western storm sewer extends to the northern end of the property and turns to the east along the northern property boundary, connecting with the eastern sewer line, which extends from Boxwood Road along the eastern side of the Facility to the northern property boundary. The combined sewer extends to and discharges to the stormwater outfall (Outfall 001). Stormwater generated at the Facility consists of precipitation and run-off from building roofs and hard surface areas. Stormwater flows via underground piping from the roofs to the storm sewer and by sheet flow from the asphalted areas to culverts. Groundwater from a drainage sump beside the Mod Paint Building also contributes water to this stormwater system, which discharges to Outfall 001.

The stormwater system directly upstream of Outfall 001 is comprised of a concrete lined ditch containing two sluice gates, one positioned at the head of the ditch and the other approximately 15 feet from the first sluice gate (i.e., approximately 200 feet upgradient of the outfall), three 100,000-gallon holding tanks, oil skimmers, and oil booms to capture trace oil and grease and to allow solids to settle on the bottom and be captured prior to discharge to Outfall 001 under a NPDES Permit.

The Facility has a General Stormwater Permit for Industrial Wastewater with Non-Contact Cooling Water (NPDES Permit No. DE 0000523) that has been administratively extended by DNREC's Division of Water Resources after receipt of the permit renewal application was received.

The stormwater at Outfall 001 was tested monthly for chemical parameters and twice a year with a bioassay test using *Daphnia* (water fleas). The stormwater failed some of the bioassay tests in the late-1990s and further investigation was required under the stormwater NPDES permit. As part of this supplemental investigation, the water discharged from the groundwater sump was analyzed for traditional stormwater parameters, such as conductivity, hardness, pH, zinc, and sodium. According to Facility personnel, pH was slightly depressed (approximately 5.8 to 6.0 standard units). The concentration of zinc was approximately 100 micrograms per liter ($\mu\text{g/L}$), which is below the drinking water criterion of 2,000 $\mu\text{g/L}$, but at a level approaching which could have an impact on the *Daphnia*. Since the stormwater at Outfall 001 passed most of the bioassay tests from 2000 to the present (with the exception of tests in December 2002 and 2005), no further work was conducted to identify the source of the conditions that caused the toxicity to the *Daphnia*. The conditions which were suspected of causing the failure of the bioassay tests were elevated zinc or copper from natural sources of these metals or the contact of rainwater with roofing which contained zinc and/or copper.

4.11 AIR EMISSIONS

Air emissions at the Facility were discharged under 7 DE Administrative Code 1130 (Title V) Operating Permit No. AQM – 003/00015 (Appendix F) from 13 emission units including the following:

- ELPO system
- Primer surfacer system
- Topcoat system
- Final repair system
- Miscellaneous processes
- Deadener Booth
- Gasoline Fluid Fill
- PVC underbody booth and sealer gel oven
- Vehicle body washer
- Gasoline storage tank
- Boilers No. 1 through No. 3

At the time of the Facility inspection, no visual evidence of impact to the Facility from the air emission sources was observed by CRA either on the ground surfaces or on the roof.

4.12 ASBESTOS CONTAINING MATERIALS (ACM)

According to Site personnel, the status of ACM at the Site follows these general guidelines.

- All asbestos pipe insulation was removed from the General Assembly area during facility upgrade efforts in 1986, with the exception of pipe insulation located behind walls in mezzanine bathrooms.
- An asbestos survey has not been conducted of the Anchor Building. Suspect ACM identified by CRA in the Anchor Building includes ceiling tiles, floor tiles and mastic, cove base, window caulk, and pipe insulation.
- Asbestos is present in the Administration Building. Most ACM abated from the Administration Building area has been removed through localized abatement projects conducted as needed through the course of plant maintenance. Exposed ACM is typically well labeled.
- Transite siding is present, generally found on exterior walls on the second and third floors of the Main Assembly Building.

- Boilers 1, 2, and 3 located in the Power House are original 1947 vintage and likely contain asbestos insulation. Other pipe lines observed in the Power House may have asbestos-containing insulation.
- Newer building expansions, specifically the Modular Paint Building, are not suspected to contain asbestos.

The presence of ACM at the Facility was investigated through discussions with Facility personnel and visual observations made by CRA. No intrusive investigations were conducted to examine areas of concealed space. Based on observations made by CRA, potential ACM at the Facility includes the following:

- pipe insulation
- ceiling tiles
- floor tiles and mastic
- cove base
- window caulk
- pipe insulation
- transite siding

More specific asbestos location information compiled by CRA during the file review, interview, and inspection process is presented in Table 4. At the time of the Facility inspection, some potential ACM was identified in poor condition. The Facility has an Operation and Maintenance Plan for the management of asbestos at the Facility.

4.13 POLYCHLORINATED BIPHENYLS (PCBs)

According to Facility personnel and based on information reviewed, historical and current use of PCB-containing equipment exists at the Facility. Potential PCB-containing materials may include dielectric fluids, impacted concrete and metal surfaces, light ballasts, natural gas lines, non-electrical oil-containing equipment such as elevators, air compressors, and dock levelers, and solid PCB bulk product materials.

Transformer Substations: The Facility contains 19 substations. No PCB-containing dielectric fluid is reportedly present on Site; however, such fluids have historically been used at the Facility. A summary of CRA's document review related to the historical use of PCB-containing dielectric fluids is provided below.

- Three PCB transformers were replaced in 1971. The locations of the replaced transformers could not be verified. The transformers were likely located in a substation within a building section constructed prior to 1971.

- Welder Substation No. 3, located above the Main Assembly floor slab, housed three PCB-containing transformers until the late 1980s. Flooring in this area was epoxy coated in 1985 to prevent PCB seepage, although it is unclear whether the epoxy was intended to prevent seepage of PCB oil into the concrete floor, or out of the floor.

Regulated Capacitors: According to available records, all PCB capacitors were removed from the Facility's power distribution system by 1986.

Ballasts: Fluorescent lighting and high intensity discharge (HID) lights were observed throughout the Facility. Fluorescent and HID light ballasts may contain PCBs in the potting material, or within small capacitors located within the ballast. None of the ballasts observed during the Facility inspection were identified as leaking and, therefore, are not regulated by the Toxic Substance Control Act (TSCA).

Hydraulic Systems: Non-electrical oil-containing equipment such as overhead lifts, elevators, conveyors, compressors, and other oil/hydraulic equipment exist throughout the Facility and has the potential to contain or have historically contained PCB oils.

In April 1979, 23 samples of oil were collected from different equipment for laboratory analysis of PCBs. Multiple samples contained PCBs. One sample collected from the towveyor system, which pulled the cars along the assembly line, had a concentration of 310 mg/kg, and an elevator and a heat recovery system had concentrations of 170 mg/kg and 70 mg/kg, respectively. Follow-up sampling in 1979 and 1980 included the collection and analysis of 33 samples of oil from the Facility's towveyor cylinders, two oil samples from the heat exchangers (i.e., north and south) and one drum sample. The results from the 1979 and 1980 sampling reported PCBs in oil samples although some of the data was invalidated.

Additionally, overhead lifts, elevators, conveyors, compressors, and other oil/hydraulic equipment are present at the Facility and have the potential to currently or historically have contained PCB oils.

Solid PCB Bulk Product Materials: CRA identified potential PCB bulk product materials during the Site inspections. PCB bulk product materials are those that contain PCBs as an ingredient during manufacture. These items include expansion joint material generally found around footings and building expansion seams, window caulk, paint, and high voltage cable insulation and packing materials.

Non-Porous Surficial Staining: CRA observed staining of non-porous surfaces during the Site inspections. Non-porous surfaces include I-beams, sheet metal walls, metal grate and mezzanine floors, and ceiling areas. Historical documents indicate the use of PCB-containing hydraulic and process oils in at least portions of the Facility, as described above.

4.14 IONIZING RADIATION

Facility personnel reported that they were not aware of any use or storage of commercial sources of ionizing radiation at the facility. At the time of the Facility inspection, no labeled sources of ionizing radiation were observed by CRA at the Facility. Facility personnel also reported that to their knowledge, a radon gas survey has not been conducted at the Facility. The USEPA has determined New Castle County to be in a level 2 Radon Zone, with indoor air concentrations of radon anticipated to be greater than or equal to 2 and less than or equal to 4 pCi/L. The USEPA established action level for radon gas is 4 pCi/L. There are occupied below-grade areas at the Site.

4.15 SPILLS/RELEASES

Spills and releases related to specific equipment (such as tanks and dispensing area) has been presented in the appropriate section of this report. One additional release was observed on the eastern side of the Power House beside a pressure vessel. An approximate 60 square-foot area of gravel was stained with oil. It appeared that this stain was the result of the draining of water from the pressure vessel. The water apparently contained some oil. The stained gravel was located directly beside a stormwater catch basin. However, the staining was at a slightly lower elevation than the catch basin and the basin did not appear to be stained with oil.

The Facility is noted on the Environmental Release Notification System (SPILLS) database for five separate releases to the environment. In each instance, the release was to air. The releases are summarized below.

- February 12, 2007 – Approximately 5-pounds of volatile organic compounds (VOCs) were released to the air due to a problem with an oven (Release ID 12484)
- July 23, 2007 – Approximately 3.5-pounds of VOCs were released to air (Release ID 12728). The cause of the release was not identified in the database

- January 28, 2008 – Approximately 3.5-pounds of VOCs were released to the air due to problems with a damper timer (Release ID 12951)
- June 10, 2008 – Approximately 1-pound of VOCs was released to air due to a problem with a hydraulic pump (Release ID 13130)
- June 10, 2008 – Approximately 150-pounds of refrigerant gas (i.e., R-22) was released to air due to a problem with a compressor (Release ID 13128)

In addition to the SPILLS database, historical spills and/or releases were documented in the Facility files. These spills are considered below.

July 23, 1990 Wastewater Release: On July 23, 1990, during construction in the area of the ELPO AST, the waste line that connects the AST to the transfer pumps was damaged, releasing ELPO wastewater to the ground surface in the vicinity of column line DD30. An earthen berm was quickly constructed to contain the released material; however, it is estimated that approximately 250 to 300 gallons of ELPO wastewater were released to the storm sewer network. The wastewater contained by the earthen berm was pumped into the nearby grit separators. In response to the July 23, 1990 wastewater release, GM inspected the outfall for visual evidence of any impacts and found none. However, ELPO waste-colored coating was observed to have settled in the stormwater ditch behind the discharge weir on July 24, 1990. On July 24, 1990, the stormwater gates were closed and the outfall inspected. Visual evidence of a "minute" amount of ELPO waste was observed in Little Mill Creek and GM subsequently notified the National Response Center (NRC) of the release. On July 25, 1990 GM and Continental Vanguard pumped approximately 55,000 gallons of sand/silt/water mixture from the stormwater ditch to the Grit Separator Building for treatment and subsequent discharge to the sanitary sewer. On July 26, 1990, sediment remaining in the stormwater ditch between the gates and the discharge weir were removed and stockpiled and the ditch was hosed down and cleaned. On July 27, 1990, discharge to the Facility's outfall resumed. Two composite soil samples (i.e., SS-1 and SS-2) were collected from the west and east ends of the pipe trench on July 23, 1990 for laboratory analysis of TPH and waste characterization parameters. On July 24, 1990, one composite soil sample (i.e., LS-1) was collected from the berm surrounding the spill area, one discrete soil sample (i.e., LS-2) was collected from 2 feet below the ruptured pipe, and one composite soil sample (i.e., LS-3) was collected from a test pit excavated between the ELPO AST and the Main Assembly Building from approximately 2 to 4.5 feet bgs. In addition, two background soil samples were collected (i.e., BG-1 and BG-2) from 0.5 feet bgs and 2 feet bgs on July 24, 1990 for comparative reference. The July 24, 1990 soil samples were submitted, along with a stream sediment sample (i.e., Stream Sediment #1) and wastewater sample (i.e., Product Sample) for laboratory analysis of lead. On July 27, 1990 Clean Technologies collected a sample of the spill retention tank (i.e., WS-1) for disposal

purposes. The soil and sediment sample results were not available in the Facility files reviewed by CRA.

July 2, 1991 ELPO Rinse Release: At approximately 2:13 a.m. on July 2, 1991, a release of approximately 330 gallons of ELPO rinse occurred. The ELPO rinse release occurred as a result of an obstructed pipe. Once the pipe trench and surrounding ramp reached capacity, the ELPO rinse flowed over asphalt, towards a nearby stormwater catch basin. Facility personnel estimated approximately 5 gallons of ELPO rinse were released to the stormwater catch basin. In response to the July 2, 1991 ELPO rinse release, GM constructed a dike around the release to prevent additional ELPO rinse from entering the storm sewer, closed the storm sewer gates, and collected approximately 25,000 gallons of water from the outfall as a precautionary measure to assure no material was discharged to Little Mill Creek. GM contacted DNREC's spill hotline at approximately 10:30 a.m. on July 2, 1991. This release of rinse water does not appear to constitute a release to the environment.

July 13, 1994 Wastewater Release: At approximately 3:30 a.m. on July 13, 1994, approximately 1,000 gallons of wastewater were released from process piping that discharged to a lift station at column line DD28. The wastewater release occurred when flushing an overflow pipe from the prime booth tank with city water. The receiving lift station pumps were later found to have malfunctioned, allowing the wastewater to accumulate in the lift station and spill to the surrounding concrete slab and through a nearby door, over asphalt, to a storm sewer catch basin. The lift station pumps were immediately positioned to lower the water level in the lift station and prevent additional release. In response to the July 13, 1994 wastewater release, GM inspected the stormwater ditch for any visual evidence of impact and found none. GM closed the storm sewer gates and collected approximately 50,000 gallons of water from the outfall as a precautionary measure to assure no material was discharged to Little Mill Creek. GM contacted DNREC's spill hotline at approximately 8:30 a.m. on July 13, 1994 and DNREC's response personnel inspected the affected areas on July 14, 1994. DNREC personnel indicated that remedial activities appeared adequate and subsequent routine NPDES monitoring provided no evidence that the discharge was affected by the July 13, 1994 wastewater release. This release of rinse water does not appear to constitute a release to the environment.

July 15, 2003 Diesel Oil Release: At approximately 9:30 a.m. on July 15, 2003, approximately 20 gallons of diesel oil were released from process piping in the Pump House basement to the soils below. The diesel oil release occurred when abandoned piping was severed during construction of a Bilco door. In response to the July 15, 2003 diesel oil release, GM collected the free liquid by pumping and bailing the excavation to

a drum and placed absorbent pads over the impacted area. Visually impacted soils were excavated for appropriate off-Site disposal. GM contacted DNREC's spill hotline at 9:54 a.m. (Report No. 10700). DNREC response personnel inspected the excavation and stated that no further remedial action was necessary (GM, 2003). As indicated by DNREC's response personnel, impacted soils were effectively remediated following the diesel oil release.

July 1, 1991 Sanitary Effluent Release: At approximately 6:30 a.m. on July 1, 1991, a release of an undocumented amount of sanitary effluent occurred. The sanitary effluent release occurred as a result malfunctioning pumps in the sanitary lift station, which allowed the water level in the lift station to reach capacity and overflow into a nearby storm sewer catch basin. The sluice gates to the stormwater collection system were closed and the sanitary effluent, along with approximately 25,000 gallons of stormwater, was pumped back to a holding tank. GM notified DNREC's spill hotline. On July 1, 1991, two discrete samples of stormwater (i.e., GM-1 and GM-1p) were collected downstream of the storm gates for laboratory analysis of fecal coliform and lead, respectively. The July 1, 1991 sample results indicated that the stormwater below the gates exhibited fecal coliform count above 1,600 and non-detectable values for lead. On July 2, 1991, two three-point composite samples (i.e., GM-2 and GM-2p) were collected from the water that was pumped from the storm ditch for laboratory analysis of fecal coliform and lead, respectively. The results of the July 2, 1991 sample indicated the sanitary/stormwater collected following the release exhibited fecal coliform count at 1,600 and lead at 0.1 mg/L.

March 16, 1993 Diesel Oil Release: At approximately 7:00 a.m. on March 16, 1993, approximately 10 to 20 gallons of diesel oil were spilled to the asphalt surface in the vicinity of the loading dock. The diesel oil spill occurred from a tractor trailer when the vehicle hit a snow pile and broke its fuel line. Approximately 1 to 2 gallons of diesel oil flowed across the asphalt into a nearby catch basin. GM inspected the water in the storm ditch and found the flow appeared "normal" with a minor sheen that was absorbed by the three oil booms typically in place. As a precautionary measure, one of the oil booms in the storm ditch was replaced. GM contacted DNREC's spill hotline and DNREC response personnel inspected the affected areas and suggested additional absorbent material be spread over the asphalt. Samples collected from the outfall on March 16, 1993 indicated an exceedance of the Facility's NPDES discharge limit for oil and grease. GM replaced all oil booms on March 18, 1993. Outfall samples collected on March 23, 1993 and March 26, 1993 indicated that the concentration of oil and grease in the stormwater discharge remained above the discharge limit. Based on analytical data from a March 27, 1993 outfall sample, the discharge was non-detect for oil and grease. In 1992 Clean Tech, Inc. (Clean Tech) conducted focused dye tracer testing of the

Facility's sanitary and storm sewer networks. The results of the testing found that used grease and other Anchor Building waste had been discharging to the storm sewer, not the sanitary sewer as previously believed. Additionally, it was discovered that there was a potential for sanitary waste to be discharged to the storm sewer from periodic overflowing of the sanitary lift station and rinsing of portable washrooms in the vicinity of storm sewer catch basins (Clean Tech, 1992). Given the small quantity of diesel oil (i.e., 1 to 2 gallons) that was released to the catch basin, the age of the release, and the response efforts immediately following the release, there is little remaining potential for a release to the environment.

October 6, 1992 Sanitary Effluent Release

At approximately 6:30 a.m. on October 6, 1992, a release of an undocumented amount of sanitary effluent occurred. The sanitary effluent release occurred as a result of poor functioning pumps in the sanitary lift station which allowed the water level in the lift station to reach capacity and overflow into a nearby storm sewer catch basin. GM closed the stormwater gates and pumped the sanitary/stormwater from the affected line to an on-Site holding tank for storage until approval was received to discharge to the City sanitary sewer (GM, 1992).

March 29, 2001 Fire Fighting Foam Release

At approximately 2:00 p.m. on March 29, 2001, a release of approximately 150 gallons of fire fighting foam (i.e., 10-gallons of foam and 140-gallons of water) occurred when an out of service tank containing the foam was being transported and the tank fell apart. The foam may have entered a nearby stormwater catch basin; however, since the foam is fully soluble in water, it was difficult to detect a release through visual observation. Based on the foam's constituents (primarily hexylene glycol) and the minimal quantity that may have been released, this spill did not result in a release of a "reportable quantity". However, GM personnel contacted the DNREC Division of Water Resources Surface Water Discharge Section at 8:57 a.m. on March 30, 2001 and subsequently contacted the State's Spill Hotline at 9:10 a.m. The stormwater outfall was visually inspected on March 30, 2001 and no evidence of foam was observed (GM, 2001a).

April 2, 2001 Sanitary Effluent Release

At 9:45 a.m. on April 2, 2001, a release of approximately 100 gallons of a sanitary/stormwater mix occurred while pipe fitters moved a drain hose from one holding tank to another. The stormwater mixed with sanitary effluent flowed from a hose to a nearby stormwater catch basin. Within seconds of the spill the hose was connected to the pipe and the flow to the catch basin stopped. GM personnel contacted the DNREC Division of Water Resources Surface Water Discharge Section at 10:00 a.m. on April 2, 2001 and subsequently contacted the State's Spill Hotline. The sluice gates to

the stormwater collection system were closed and the material, along with approximately 50,000 gallons of stormwater, was pumped back to a holding tank. All the released material was contained on Site and subsequently discharged to the sanitary sewer (GM, 2001b).

February 7, 2006 Purge Solvent Release

At approximately 7:30 a.m. on February 7, 2006, a spill of approximately 75 gallons of purge solvent (i.e., Parcosol 130, consisting of xylene, acetone, methyl alcohol, naphtha, and 1,3,4-trimethyl benzene) occurred on the first floor of the Mod Paint Building at column line PP23. The purge solvent spilled when the valve to the bulk purge solvent tank did not open to accept overflow from the in-line tanks once they reached capacity. Upon observing the spill, the lines to the in-line tanks were closed and the spilled solvent was absorbed and vacuumed from the concrete slab for appropriate disposal. There was no apparent release to the environment; however, GM notified the DNREC spill hotline at approximately 8:35 a.m. and the National Response Center (NRC) at approximately 8:55 a.m. (Report No. 787411) (GM, 2006).

March 20, 2008 Diesel Oil Release

At approximately 1:45 p.m. on March 20, 2008, a release of approximately 225 gallons of diesel oil occurred. The diesel oil release occurred when a Challenger Motor Freight vehicle experienced a leak in its fuel line, releasing diesel oil to the asphalt parking surface and nearby stormwater catch basin. GM contained the release on Site by placing absorbent material over the affected asphalt and vacuuming the material from the affected catch basins. Further, the storm sewer was flushed with water that was collected for future treatment and/or disposal. GM contacted DNREC's spill hotline at 2:33 p.m. on March 20, 2008 (Report No. 13055) and DNREC's response personnel inspected the affected areas of the Facility and subsequently notified GM that the response activities were sufficient (GM, 2008b).

June 25, 2008 Oil Release

At approximately 10:00 a.m. on June 25, 2008, a release of approximately 20 gallons of oil occurred when a wet/dry vacuum containing oil was knocked over. The oil flowed onto the concrete and pavement of the west drive near the Weld Water Building and into a nearby catch basin. Absorbent pads were placed on the driveway and the affected catch basin was vacuumed to collect and contain 100 percent of the released oil. Additionally, the affected area was washed with a mild detergent and water and the storm sewer was flushed. All cleaning fluids were collected for future treatment and/or appropriate disposal. The release to the catch basin occurred approximately 1,000 feet upgradient of the Facility's stormwater ditch. As such, it is unlikely that, with two oil/water separators and an oil boom placed between the stormwater ditch and the

outfall, any oil discharged to Outfall 001 (GM, 2008). GM reported the release to the State's Spill Hotline at 10:20 a.m. (Report No. 1884).

Oil-Stained Gravel

An approximate 60-square foot area of gravel was stained with oil on the eastern side of the Power House beside a pressure vessel. It appeared that this stain was the result of the draining of water from the pressure vessel. The water apparently contained some oil. The stained gravel was located directly beside a stormwater catch basin. However, it was at a slightly lower elevation than the catch basin and the basin did not appear to be stained with oil.

4.16 CERCLA LIABILITY POTENTIAL

The Site is not listed on the NPL or in the State Hazardous Waste Site Database. According to Site representatives, GM has been a Potentially Responsible Party (PRP) in relation to waste generated and transported from this Site for the following hazardous waste treatment, storage, or disposal sites: the Harvey and Knott Drum Site (EPA ID# DED980713093), the Anchor Chemicals Superfund Site (NYD001485226), Delaware Container Corporation Site (PAD981033889), the Army Creek Landfill (EPA ID: DED980494496), and Tybouts Corner Landfill (DED000606079). According to Mr. Hudak and Mr. Bosetti, all claims for contribution to the remediation of these sites have been resolved and paid. According to Site representatives, GM has not defended any environmental-related claims or litigation asserted by any governmental agency or third party, except as listed above, and no potential claims or litigation presently exist to the best knowledge of Mr. Holmes or Mr. Hudak.

4.17 SARA TITLE III - EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT (EPCRA)

Based on the quantities and types of chemicals used and stored at the Site, the Site is subject to reporting obligations under EPCRA. The Site submitted Tier II reports under Section 312 for a variety of chemicals to the local fire department, the LEPC and the SERC. In addition, the Site submitted Form R's in accordance with Section 313 for a variety of chemicals. These submittals were made in full and on time.

4.18 LEAD PAINT

Due to the age of the plant, it is assumed that all painted surfaces at the Site were painted utilizing lead-based paint and that decommissioning will be conducted in a manner consistent with lead paint demolition standards. Paint disturbing activities such as welding, cutting, or torching should be conducted in accordance with Occupational Safety and Health Administration (OSHA) regulations for lead exposure in construction (29 CFR 1926.62).

Most painted surfaces were in good condition. Flaking paint has the potential for the paint to contain RCRA metals and PCBs, and can require special handling and disposal. During long-term idling, even when Site structures are heated minimally to maintain fire protection lines, paint is prone to rapidly flaking off walls and ceilings. If the Facility were to be demolished at some time in the future and paint chips are present, paint chips should be characterized and properly disposed prior to such demolition.

4.19 WETLANDS

The National Wetlands Inventory map for the area was consulted to determine if it identified any wetlands on the Property. The entire wooded area at the northeastern corner of the Property is identified as a wetland area. This does not substitute for a wetlands inventory conducted in accordance with US Army Corps of Engineers protocols.

5.0 SUMMARY OF IDENTIFIED ENVIRONMENTAL ISSUES

5.1 FINDINGS & OPINION

Conestoga-Rovers & Associates (CRA) was retained by Motors Liquidation Company (MLC) to complete a Phase I Environmental Site Assessment (ESA) of the former GM Wilmington Assembly Plant property and buildings located at 801 Boxwood Road in Wilmington, Delaware (Property or Site or Facility). MLC is considering divestiture of the Site. The purpose of the Phase I ESA was to identify Recognized Environmental Conditions (RECs), as defined in ASTM Standard E1527-05 (the Standard), at the Site. In addition to identifying RECs at the Site, this ESA included an evaluation of specific non-scope considerations as defined in the Standard. This ESA was conducted to assist MLC in conducting all appropriate inquiries into previous ownership and use of the Site to evaluate business environmental risk (BER), as defined in the Standard, for the Site. The Phase I ESA Site inspection was conducted by CRA on October 5 through 7 and December 1, 2009.

The facility consists of the Main Manufacturing Facility Building, Modular Paint Building, Tire Building, Grit Separator Building, Anchor Building, Waste Water Treatment Plant (WWTP), Garage, Compressed Air Dryer Building, Switch Gear Building, Productive Fluids Pump House, Power House, Fire Pump House Nos. 1, 2 and 3, Guard Houses (West and South West), and bulk product tank farms. Until 2009, the Site had been an automobile assembly facility. There is an additional 15-acre wooded parcel located at the northeastern corner of the Site.

FINDINGS & OPINION

Based on the Phase I ESA including the Site inspection, database search, historic records reviewed, information provided by Site personnel, and interviews, the following potential issues were identified regarding RECs, historic RECs, de minimis conditions, and business environmental risk as defined in the Standard, at the Site:

- i) **AST F:** AST F is a 250,000-gallon, vertical AST with a diameter of 40 feet and a height of 27 feet located within an earthen berm in the tank farm on the western side of the plant that contained No. 6 fuel oil. In a September 24, 2009 letter, DNREC requested additional investigation of the soil and groundwater in the vicinity of this AST be conducted, subsequent to the initial investigation associated with tank closure activities. The Tank F Investigation Work Plan was submitted to DNREC on November 11, 2009 and outlines a scope of work to further delineate the horizontal and vertical

extent of the soil and groundwater impacts above the Delaware Universal Risk-based Remediation Standards (URSs). As such, further investigation of this AST is on-going and the exceedance of the URSs is an REC.

- ii) **AST G:** AST G is a 250,000-gallon, vertical AST with a diameter of 40 feet and a height of 27 feet located within an earthen berm in the tank farm on the western side of the plant that contains No. 6 fuel oil. There was no visual or documented evidence to suggest a release to the environment has occurred associated with the AST G system. However, a release associated with the AST F system, of equivalent size and age, was discovered during AST closure activities with no prior evidence to suggest a release associated with the AST F system had occurred. As such, AST G is a BER.
- iii) **ASTs P and Q:** ASTs P and Q are 6,000-gallon, vertical steel tanks with conical bottoms located within the Mod Paint Building near column QQ18 that contained a waste solvent. These ASTs are located on a concrete base within a secure room inside the Mod Paint Building. Truck loading activities were conducted directly to the west of the tanks. No information is available to indicate that releases have occurred from these ASTs and/or the associated loading area. Since there is no evidence of a release to the environment, ASTs P and Q and the associated loading area are not considered RECs; however, the outside loading area is a BER.
- iv) **Power House AST:** A 300-gallon AST containing diesel oil is located in the basement of the Power House. The AST does not have secondary containment. It is located on a concrete floor which appeared to be in good condition. Oil-absorbing mats had been placed on the floor on one side of the AST and are soaked with oil. An examination of the AST did not find a leak or hole in the AST. However, the source of the oil could not be determined. Since there is no evidence of a release to the environment, this AST is not an REC, but is a BER.
- v) **Kolene Tank:** According to Facility personnel, a tank referred to as the "kolene tank" was located at column line FF21 on the first floor of the Main Manufacturing Building and contained molten salt. According to Facility personnel and based on review of available information, the kolene tank was closed in place by allowing its contents to solidify. The tank's contents included, but were not necessarily limited to, lead and other metals, paint pigments, and salt. The tank's solidified contents were then covered with concrete to the elevation of the surrounding slab. Analytical data indicated that the contents of the tank are RCRA-hazardous for lead. No information is available to determine whether this waste has impacted the soil or

groundwater. Since this tank contains material that would be a hazardous waste if it was removed, it is an REC.

- vi) **Diesel Oil UST by Power House:** According to the 1995 GM Legal Counsel memorandum (GM, 1995), a 550-gallon UST was installed within 20 feet of the Power House at the time that the Power House was constructed. This UST reportedly supplied diesel oil to the Power House for the initial start-up of the boilers. No information was available to determine the location of the UST or if clean closure of this UST was achieved; therefore, the Diesel UST is an REC.
- vii) **Modular Paint Pits:** The Mod Paint Building was constructed in 1985 for the painting of vehicles at the assembly plant. Material received in the mod paint pits consisted of paint sludge. According to Facility personnel, the known contaminants of concern include tin and aromatic volatile organic compounds (VOCs). The Facility inspection found groundwater infiltrating the mod paint pits through joints in the concrete. This would indicate that the concrete lining of the pits may not be an adequate barrier to protect the soil and groundwater beneath from a potential release. No information was available to show that releases from the pits had occurred; however, the lack of integrity of the pits provides a means of release to the underlying soil and is an REC.
- viii) **Acetylene Sludge Pit:** An acetylene sludge pit was historically operated exterior to the Main Assembly Building. No information reviewed by CRA confirmed the construction details of the pit; however, it was reportedly concrete lined (GM, 1995). No information was available regarding closure of the pit. Therefore, it is an REC.
- ix) **WWTP Sump:** The WWTP sump was installed when the WWTP plant was built in 1985. It is approximately 18 feet deep, constructed of concrete, and is located in the center of the WWTP Building. No information was available to determine the integrity of the sump. This sump is not considered to be an REC, but is a BER.
- x) **Hydraulic Lifts:** Prior to 1997, a hydraulic lift station was located in the area of column N4. This former lift system and its associated piping and tanks were approximately 30 years old at the time of the lift station removal and did not contain any leak detection devices. When this station was removed, petroleum odors and visibly stained soils were observed and it was assumed that a release of hydraulic oil from the hydraulic fluid reservoirs had occurred. Remediation of the impacted soil was completed in November 1996 and was acceptable to DNREC, but left residual TPH contamination

above 1,000 ppm. The presence of the TPH above state unrestricted use criteria is an REC.

- xi) Old Hazardous Waste Accumulation Former Tank Storage Area:** The old hazardous waste accumulation area is an approximate 20,000 square-foot concrete pad located outside on the north side of the Main Assembly Building that was installed in 1967. CRA visually inspected the old hazardous waste accumulation area at the time of the Site inspections. The old hazardous waste accumulation area appeared to be in poor condition, with a considerable number of cracks and open seams in the concrete floor. No information was available to determine the condition of the old hazardous waste accumulation area at the time of historical operations. In 1992 DNREC notified GM that this area could be closed without a Closure Plant. Based on the condition of the accumulation area and the historical operations in the area, it is an REC.
- xii) New Hazardous Waste Accumulation Area:** The new hazardous waste accumulation area is an approximate 3,750 square-foot concrete pad located on the north side of the Main Assembly Building. No information was available to indicate that a release had occurred from this storage area and the area was found to be in good condition. Based on the condition of the accumulation area and the management practices of the period in which it was operated, the new hazardous waste accumulation area is not considered an REC but is a BER.
- xiii) Test Track Waste Storage Area:** According to Facility personnel interviewed on October 7, 2009, non-hazardous solid waste material consisting of scrap pallets and paper were placed in piles on the ground and burned in an open area located approximately 200 feet east of the current Tire Building. Refuse was piled in this area and burned to completion using paint solvent to start the fire. These activities continued through the mid-1980's. An area of disturbed soil, which is approximately 2.2 acres in size, could be seen in this area in the 1962 aerial photograph. According to the 1995 Liability Assessment Report, this area corresponds to the area in which paint sludge and/or other sludges were also historically stored. In approximately the same area, a material resembling paint sludge was discovered while digging fence post holes (GM, 1998). Additional holes advanced west of the area found that the layer of material appears to become thinner towards the Tire Building. This sludge that was removed from the post holes was RCRA hazardous for lead. No investigations have been conducted in this area to determine the concentrations or the full extent of residuals remaining, if any. Therefore, this area is an REC.

- xiv) **Waste Storage Area South of Anchor Building:** According to Facility personnel interviewed on October 7, 2009, waste material was historically stored on asphalt to the south of the Anchor Building. This waste consisted of pallets and other trash that was subsequently transported to a local landfill for disposal as non-hazardous waste. This area was paved with asphalt that was observed to be in good condition with few cracks. Due to historical waste storage operations south of the Anchor Building, this area is a BER.
- xv) **ELPO Area:** The historical and current ELPO areas are located in approximately the same area of the Facility. CRA visually inspected the ELPO area and found areas of degraded concrete that may have been penetrated by ELPO solutions. Based on the poor integrity of the concrete and the materials used in former operation in this area, there is a potential for a release to the environment. Based on the condition of the concrete, this area is an REC.
- xvi) **Phosphate Area:** The historical phosphate area was located on the first floor of the Main Assembly Building between column lines FF through JJ and between column lines 28 and 29. According to the Facility personnel and based on review of available information, phosphoric acid and chromates were used in this area. The current phosphate area is located one bay to the north of the historical system, between column lines FF30 and MM30 and, from there, south to MM26. According to a historical assessment of the Facility, phosphate coating referred to as Bonderite was spilled or released in this area in 1983. At the time of the Site inspections, the phosphate area concrete was found to be in poor condition. Based on the poor integrity of the concrete and the materials used in former operations at this area, there is potential for a release to the environment. Based on the condition of the concrete, this area is an REC.
- xvii) **Grit Separator Building:** The Grit Separator Building receives wastewater from the Facility's lift stations and ELPO AST. Two ASTs act as settling chambers for grit and sludge prior to transfer to the Facility's WWTP. Accumulated grit and sludge was periodically removed from the settling tanks for appropriate off-site disposal. Until the early 1990's, a 1,000-gallon waste oil AST was located within the Grit Separator Building for the collection of oil from the wastewater. CRA visually inspected the Grit Separator Building and found areas of stained concrete. However, the concrete floor slab was found to be in good condition. There is potential for a release to the environment as a result of these operations. Because of the staining and the length of time that this area was used, the Grit Separator Building is a BER.

- xviii) **Petroleum Dispensing Area:** A petroleum dispensing station is located on the northern wall of the southern half of the Anchor building. Overhead product lines run from the southeastern corner of the building to the dispensing area. The dispensing area is surrounded by a low concrete dike. CRA visually inspected the petroleum dispensing area and found moderate staining at the time of the Site inspections. No information was available to determine whether a release to the environment had occurred from the petroleum dispensing area. Because of the staining and the length of time that this area was used, it is an REC.
- xix) **Former Petroleum Dispensing Area:** A set of fuel islands for fueling the trucks from the ASTs at the Anchor Trucking facility were located directly to the east of these former ASTs. The area is now covered with asphalt and there are no signs of the former dispensing islands. Given that no closure documentation was available for review by CRA and the presence and age of underground piping, the potential for a release to the environment from the petroleum dispensing area is moderate to high. Because underground piping may have been in contact with soil, this dispensing area is an REC.
- xx) **OU-2 Area:** The soil and groundwater in the area of the bulk product tank farm has been impacted with VOCs. This area is being remediated with monitored natural attenuation and groundwater monitoring. The presence of VOCs above unrestricted use criteria is an REC.
- xxi) **Lift Stations:** Lift stations are located throughout the plant in order to pump accumulated process water to the on-site WWTP. No information was available regarding the integrity of the concrete in these lift stations. Due to the age of these lift stations (i.e., greater than 30 years), they are RECs.
- xxii) **PCBs:** Historical documents indicate the use of PCB-containing hydraulic and process oils at specific sample locations in the Facility. Non-porous oil stained surfaces such as I-beams, sheet metal walls, metal grate and mezzanine floors, and ceiling areas near equipment that have operated historically with PCB oils could contain PCBs.

Conveyor equipment, including concrete lined in-ground towveyors, is located in many portions of the Main Assembly Building. Historical documentation indicates that the lubricants applied to the conveyor drive chains contained PCBs. Staining of the concrete that is below the in-ground towveyor system was observed by CRA during the Site inspections.

Due to the presence of PCBs in the oils and lubricants in some of the equipment that operated in the Facility, the oil stained porous and non-porous surfaces near this equipment are an REC.

- xxiii) Railroad Tracks:** Three railroad spurs enter the facility on the north side of the Main Assembly Plant. Two additional spurs entered the Property in the past. No information is available regarding releases that may have occurred in the area of these tracks either from the materials of construction or releases to the tracks from materials carried in the railroad cars. Therefore, the railroad tracks are not considered to be RECs, but are a BER at the Site.
- xxiv) March 31, 1976 Diesel Oil Release:** On March 31, 1976, a release of diesel oil was discovered in the tank farm area directly to the south of the 40,000-gallon unleaded gasoline tank. The release was suspected to have come from a diesel oil pipeline connecting the 60,900-gallon diesel oil tank, which is located directly to the west of the gasoline tank, to the Power House. Oil flowed out onto an area of approximately 1,050 square feet. No information regarding the actual source of the leak was found in the Facility files reviewed by CRA. According to Facility records, 4,528 cubic feet of impacted soil were removed from the area. No closure documentation was available in the files reviewed by CRA and no post-excavation samples appear to have been collected. Based on the lack of confirmatory data, the release and potential residuals remaining in Site soils is an REC.
- xxv) July 23, 1990 Wastewater Release:** On July 23, 1990, during construction in the area of the ELPO AST, the waste line that connects the AST to the transfer pumps was damaged, releasing ELPO wastewater to the ground surface in the vicinity of column line DD30. It is estimated that approximately 250 to 300-gallons of ELPO wastewater were released to the storm sewer network. Although much of the release was captured, some contaminants were released to the environment. The soil and sediment analytical results, for samples which had been collected, were not available in the Facility files reviewed by CRA. No information was available to determine whether there had been impact to the soil or groundwater. Because most or all of this wastewater was recaptured and given the age of the release, this release is not considered an REC, but is a BER.
- xxvi) July 1, 1991 Sanitary Effluent Release:** At approximately 6:30 a.m. on July 1, 1991, a release of an undocumented amount of sanitary effluent occurred. The sanitary effluent release occurred as a result malfunctioning pumps in the sanitary lift station which allowed the water level in the lift station to reach capacity and overflow into a nearby storm sewer catch basin. The sluice gates to the stormwater collection system were closed and the sanitary effluent, along with approximately 25,000 gallons of stormwater, was pumped back to a holding tank. GM notified DNREC's spill hotline. On July 1, 1991, two discrete samples of stormwater (i.e., GM-1 and GM-1p) were

collected down-stream of the sluice gates for laboratory analysis of fecal coliform and lead, respectively. The July 1, 1991 sample results indicated that the stormwater below the gates exhibited fecal coliform count above 1,600 and non-detectable values for lead. On July 2, 1991, two three-point composite samples (i.e., GM-2 and GM-2p) were collected from the water that was pumped from the storm ditch for laboratory analysis of fecal coliform and lead, respectively. The results of the July 2, 1991 sample indicated the sanitary/stormwater collected following the release exhibited fecal coliform count at 1,600 and lead at 0.1 mg/L. Because most or all of this wastewater was recaptured and given the age of the release, this release is not considered an REC, but is a BER.

xxvii) Oil-Stained Gravel: An approximate 60-square-foot area of gravel was stained with oil on the eastern side of the Power House beside a pressure vessel. It appeared that this stain was the result of the draining of water from the pressure vessel. The water apparently contained some oil. The stained gravel was located directly beside a stormwater catch basin. However, it was at a slightly lower elevation than the catch basin and the basin did not appear to be stained with oil. Because there has been an actual release to the soil, which is still evident, this release is an REC.

xxviii) Releases from Off-Site Sources: There are two State Hazardous Wastes Sites (SHWS), one at 101 Beech Street and the other at 3410 Old Capitol Trail, which are located upgradient of the Site. These Sites are considered BERs.

5.2 CONCLUSIONS

CRA has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E1527-05 of the former GM Wilmington Assembly Plant property located at 801 Boxwood Road in Wilmington, Delaware. Any exceptions to, or deletions from this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of RECs at this Site, except for the following as described above:

- **AST F**
- **Kolene Tank**
- **Diesel Oil UST by Power House**
- **Modular Paint Pits**
- **Acetylene Sludge Pit**
- **Hydraulic Lifts**

- **Old Hazardous Waste Accumulation and Former Tank Storage Area**
- **Test Track Waste Storage Area**
- **ELPO Area**
- **Phosphate Area**
- **Petroleum Dispensing Area**
- **Former Petroleum Dispensing Area**
- **OU-2 Area**
- **Lift Stations**
- **PCB Containing Equipment and Oil Stained Surfaces**
- **March 31, 1976 Diesel Oil Release**
- **Oil-Stained Gravel**

5.3 BUSINESS ENVIRONMENTAL RISK

While not considered to be RECs, the following issues described above may have resulted in environmental impairment to the Site and should be considered when evaluating BER associated with the Site:

- **AST G**
- **Loading Area for ASTs P and Q**
- **Power House AST**
- **WWTP Sump**
- **Waste Storage Area South of Anchor Building**
- **New Hazardous Waste Accumulation Area**
- **Grit Separator Building**
- **Railroad Tracks**
- **July 23, 1990 Wastewater Release**
- **July 1, 1991 Sanitary Effluent Release**
- **Releases from Off-Site Sources**

5.4 NON-SCOPE CONSIDERATIONS

The following potential issues were identified regarding non-scope considerations:

- i) **ACM:** Actual and potential ACM at the Facility includes pipe insulation ceiling tiles, floor tiles and mastic, cove base, window caulk, pipe insulation, and transite siding.
- ii) **Wetlands:** The National Wetlands Database was consulted to determine if it identified any wetlands on the Property. The entire wooded area at the northeastern corner of the Property is identified as a wetland area.
- iii) **Lead Paint:** Due to the age of the plant, it is assumed that all painted surfaces at the Site were painted utilizing lead-based paint and that any decommissioning will be conducted in a manner consistent with lead paint demolition standards. Paint disturbing activities such as welding, cutting, or torching should be conducted in accordance with Occupational Safety and Health Administration (OSHA) regulations for lead exposure in construction (29 CFR 1926.62).

5.5 DATA GAPS

A data gap, as defined in the ASTM Standard E1527-05, is an absence of information that affects the ability of the environmental professional to identify recognized environmental conditions. The following data gaps were identified in this Phase I ESA.

- **Requested FOIA Information:** FOIA information from the federal and state environmental offices has not been received as of the date of the report. It is possible that the lack of this information could result in changes to the conclusions for this report. This information will be reviewed.
- **Historical Source Interval:** Standard historical sources reviewed for this ESA were not available at the five-year intervals described in Section 8.3.2.1 of the Standard. Additional information sources were not considered reasonably ascertainable. Based on the consistent historical use of the Site prior to current development as undeveloped land and known use since development, it is unlikely that the lack of this information would impact the conclusions of this report.

6.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

This Phase I ESA was completed by or under the direct supervision of an Environmental Professional (EP), who to the best of our professional knowledge and belief, meets the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. The EP has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries (AAI) in conformance with the standards and practices set forth in 40 CFR Part 312. Under the final AAI Standard, certain aspects of the Phase I ESA (interviews, on-site visual inspection, the historical records review, and the search for environmental liens) may require an update if the timeframe between their completion and acquisition of the property exceeds 180 days.

7.0 **REFERENCES**

ASTM Standard E1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

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EnecoTech, 1998a. Environmental Assessment Report – Large AST Area, EnecoTech Midwest, Inc., October 1998.

EnecoTech, 1998b. Environmental Assessment Report – AST Containment/Truck Unloading Rack, EnecoTech Midwest, Inc., October 1998.

GM, 2006. GM Environmental Spill/Release Tracking form, regarding mod paint plant spill. February 7, 2006.

GM, 1989. Letter to Mr. John Brandit, DNREC, from Mr. D. W. Kryak, GM, regarding Removal of USTs. November 16, 1989.

GM, 1995. Liability Assessment Report - LAD Division, GM Wilmington Assembly Plant. Revised August 8, 2006.

GM, 1996a. Letter to Mr. Joseph Mulrooney, DNREC, from Mr. Jeffrey A. Holmes, GM, regarding pump house #2 spill. June 30, 1996.

GM, 1996b. Letter to Mr. Robert Norris, DNREC, from Mr. Jeffrey A. Holmes, GM, regarding wastewater pipeline spill. April 19, 1996.

GM, 1998. Memorandum to Mr. Wayne Bigham, GM, from Mr. Jeffrey A. Holmes, GM, regarding previously undisclosed material in east lot. October 28, 1998

GM, 2001a. Letter to Mr. Joseph Mulrooney, DNREC, from Mr. Jeffrey A. Holmes, GM, regarding spill of fire fighting foam / water mixture. March 30, 2001.

GM, 2001b. Letter to Mr. Chris Cleaver, DNREC, from Mr. Jeffrey A. Holmes, GM, regarding stormwater / sanitary mix spill. April 2, 2001.

GM, 2008a. GM Environmental Spill/Release Tracking form, regarding west drive by weldwater building spill. June 25, 2008.

GM, 2008b. Letter to DNREC/DAWM Central Repository, DNREC, from Mr. Jeffrey A. Holmes, GM, regarding spill from freight truck within Facility parking lot. March 20, 2008.

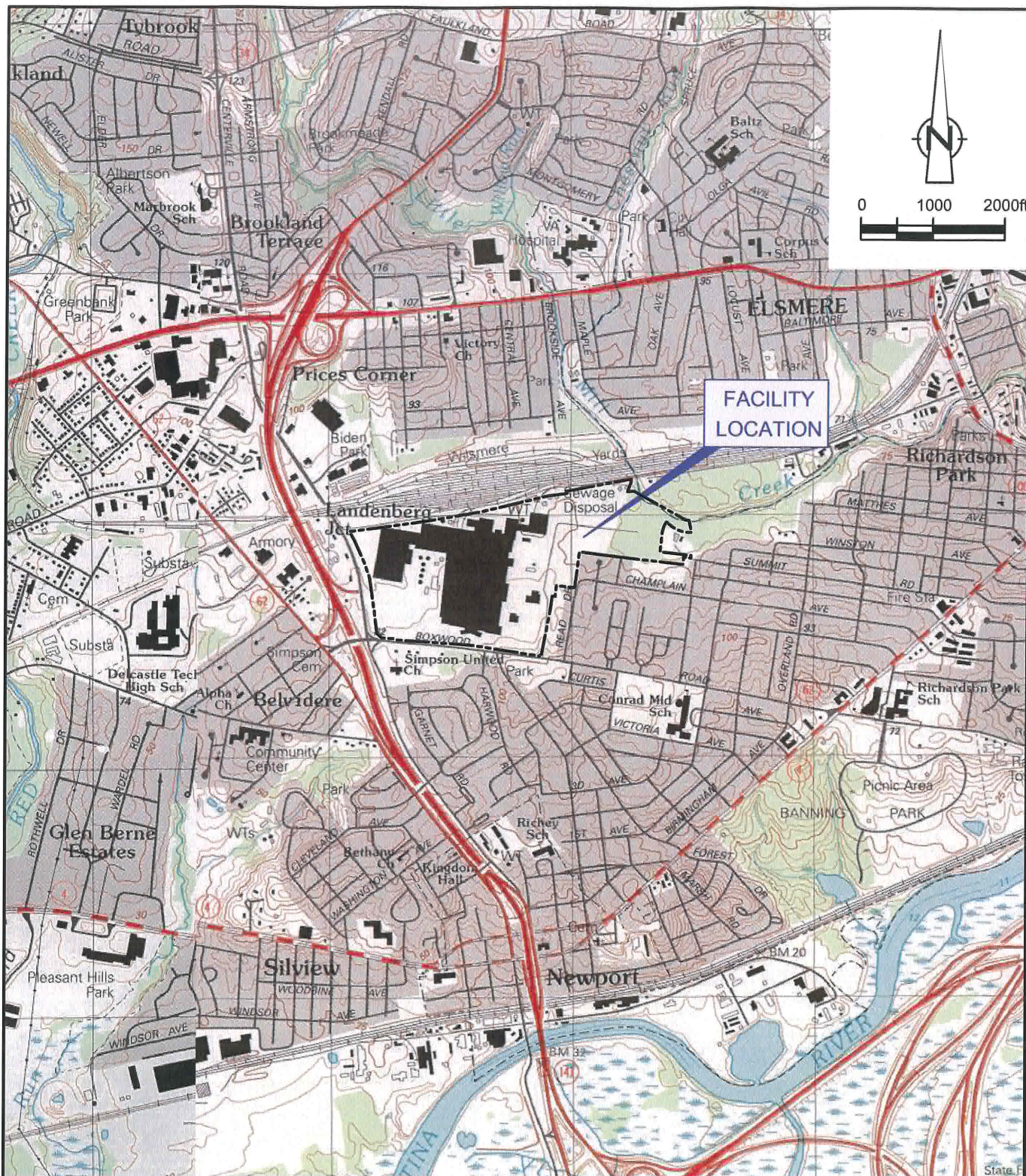
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

A handwritten signature in blue ink that reads "Henry deH. Alexander". The signature is written in a cursive style with a large initial 'H'.

Henry deH. Alexander, P.E.

A handwritten signature in blue ink that reads "Brian C. Boevers". The signature is written in a cursive style with a large initial 'B'.

Brian C. Boevers



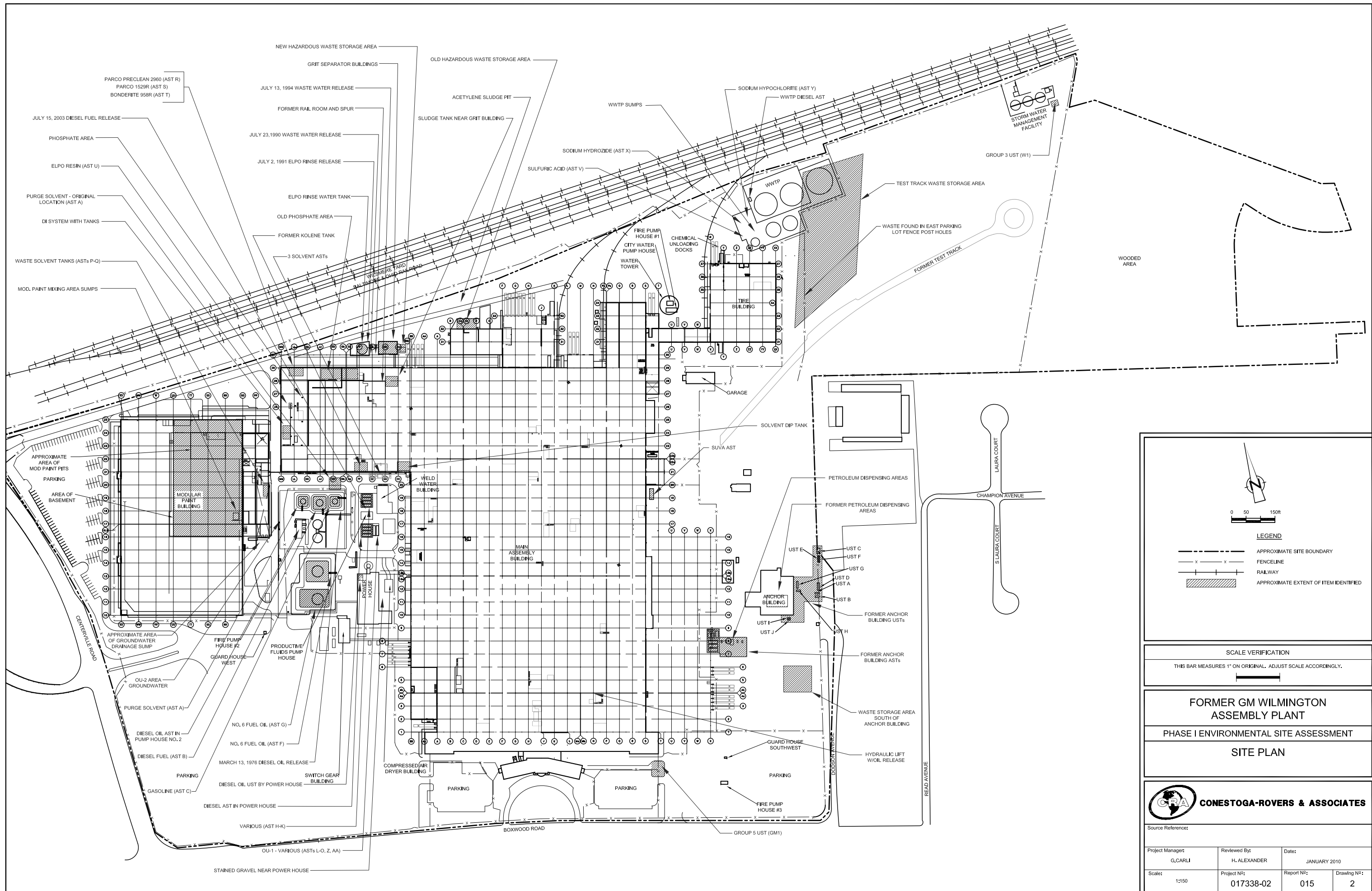
LEGEND
 - - - - - APPROXIMATE SITE BOUNDARY

figure 1

**FACILITY LOCATION
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
 Wilmington, Delaware**



REFERENCE:
 USGS WILMINGTON SOUTH QUADRANGLE, DEL TOPOGRAPHIC, 7.5
 MINUTES SERIES 1997 SCALE: 1:24,000



0 50 150ft

LEGEND

- APPROXIMATE SITE BOUNDARY
- - - FENCELINE
- RAILWAY
- APPROXIMATE EXTENT OF ITEM IDENTIFIED

SCALE VERIFICATION

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

**FORMER GM WILMINGTON
ASSEMBLY PLANT**

PHASE I ENVIRONMENTAL SITE ASSESSMENT

SITE PLAN

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager: G.CARLI	Reviewed By: H. ALEXANDER	Date: JANUARY 2010
Scale: 1:150	Project No: 017338-02	Report No: 015
		Drawing No: 2

TABLE 1

**CHRONOLOGY OF ENVIRONMENTAL INVESTIGATIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

<i>Date</i>	<i>Environmental Investigation</i>	<i>Conducted by</i>	<i>Source</i>
1990	Anchor Building UST closures	I.D. Griffith	Letter from – W Kryak of GM to Mr. J. Barndt of DNREC
1990	Group 3 UST (GMI) closure activities	I.D. Griffith	November 28, 1990 letter from DNREC to GM for UST GM1
1990	Group 5 UST (WI) closure activities	I.D. Griffith	November 28, 1990 letter from DNREC to GM for UST GM1
July, 1990	ELPO waste transfer line release investigation	Facility Personnel	September 19, 1990 Spill Report
1992	Focused dye tracer test of Facility's sanitary and storm sewer networks	Clean Tech	Clean Tech, 1992
1994	Wastewater pipeline investigation at the Grit Separator Building	Facility Personnel	Letter from Mr. Jeffery Holmes of GM to Mr. Berlin of DNREC
1996	Wastewater pipeline investigation at the phosphate area	Facility Personnel	Letter from Mr. Jeffery Holmes of GM to Mr. Norris of DNREC

TABLE 1

**CHRONOLOGY OF ENVIRONMENTAL INVESTIGATIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

<i>Date</i>	<i>Environmental Investigation</i>	<i>Conducted by</i>	<i>Source</i>
1997	Soil investigation in the area of Hydraulic Lift Station (column N4)	Clean Tech	Limited Site Investigation of the Hydraulic Lift Station in the Area of Column N4 (November 1997)
1997	Soil investigation in the vicinity of Basic Paint Department	Clean Tech	Limited Site Investigation of the Petroleum Impacted Soil Adjacent to the Basic Paint Department
1998	Soil and groundwater investigation at bulk product tank farm	Enecotech Midwest	Environmental Assessment Report – Large AST Area (October, 1998)
1998	Soil and groundwater investigation at AST containment/ truck unloading area	Enecotech Midwest	AST Containment/Truck Unloading Rack (October, 1998)
2002	Focused soil investigations related to Tank L	CRA	Report of Findings – Soil Sampling Program at Tank L Product Release Area, (March 2002)
2002	Soil investigation related to convault area	CRA	Report of Findings - OU-1 Soils Bulk Product Tank Areas (January 2004)
2003	Soil investigation following a diesel fuel release at the Pump House	CRA	Report of Findings - OU-1 Soils Bulk Product Tank Areas (January 2004)

TABLE 1

**CHRONOLOGY OF ENVIRONMENTAL INVESTIGATIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

<i>Date</i>	<i>Environmental Investigation</i>	<i>Conducted by</i>	<i>Source</i>
2005	Soil and groundwater confirmation investigation at bulk product tank farm	CRA	Report of Findings OU-2 Bulk Product Tank Area Soil Investigation (February, 2006)
2006	Groundwater investigation downgradient of bulk product tank farm	CRA	Groundwater Remedial Investigation and Feasibility Study Report - OU-2 Bulk Product Tank Area (January 2009)
2008-Present	Focused groundwater investigation at bulk product tank farm	CRA	Groundwater Remedial Investigation and Feasibility Study Report - OU-2 Bulk Product Tank Area (January 2009)
2009	Soil and groundwater investigation for tank closure (Tanks A, B, C, and F)	CRA	AST Closure Document, Four Aboveground Storage Tanks (August 2009)

Notes:

CRA- Conestoga- Rovers and Associates
 GM – General Motors Corporation
 AST – Aboveground Storage Tank
 UST – Underground Storage Tank
 AOI – Area of Interest

TABLE 2

**CHRONOLOGY OF ENVIRONMENTAL ACTIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

<i>Date</i>	<i>Remedial Action</i>	<i>Conducted by</i>	<i>Source</i>
1950s- 1960s	Remediation of the former open waste storage area east of current Tire Building	Unknown	Former Facility personnel
1975	In-place closure of diesel oil UST by the Power House	Facility Personnel	GM, 1995. Liability Assessment Report - LAD Division, GM Wilmington Assembly Plant
December 1980	Applied for RCRA Hazardous Waste Permit Part A	Facility Personnel	Letter from Mr. E. Bosetti to DNREC Mr. P. Retallick dated March 8, 1991
September 1982	Applied for RCRA Hazardous Waste Permit Part B	Facility Personnel	Letter from Mr. E. Bosetti to DNREC Mr. P. Retallick dated March 8, 1991
April, 1989	Filed permit application withdrawal of Part A and B under the protective filing status of Federal register section 3005 (e) (2) of RCRA	Facility Personnel	Letter from Mr. E. Bosetti to DNREC Mr. P. Retallick dated March 8, 1991
October 1992	RCRA Facility Assessment Terminated	Facility Personnel	Letter from DNREC Ms. N. Marker to GM Mr. S. Meager dated October 9, 1992
1989-1990	Anchor Building UST Removals	I.D. Griffith Inc.	Underground Storage Tank Removal Project (November, 1989)

TABLE 2

**CHRONOLOGY OF ENVIRONMENTAL ACTIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

<i>Date</i>	<i>Remedial Action</i>	<i>Conducted by</i>	<i>Source</i>
March 1990	Group 3 and 5 USTs Removals	I.D. Griffith Inc.	Underground Storage Tank Removal Project (November, 1989)
1997	Anchor Building AST Removal	Continental Vanguard	Continental Vanguard former personnel (i.e., Mr. Tawn Franz)
July 1990	July 23, 1990 wastewater release	Clean Tech	September 19, 1990 Spill Report
July 1991	July 1, 1991, sanitary effluent release	Clean Tech	Letter from Ms. Buniski of Clean Tech to Mr. G. McKee of GM dated July 9, 2009
March 16, 1993	Diesel fuel release	Clean Tech	Clean Tech, 1992
March 19, 1993	Sulfuric acid spill from Sulfuric Acid Tank (AST V)	Facility Personnel	Letter from Mr. J. Holmes of GM to Mr. C. Cleaver of DNREC dated March 24, 1993
July 13, 1994	Wastewater release to lift station at DD28	Facility Personnel	Spill / release form dated July 13, 1994

TABLE 2

**CHRONOLOGY OF ENVIRONMENTAL ACTIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

<i>Date</i>	<i>Remedial Action</i>	<i>Conducted by</i>	<i>Source</i>
December 4, 1994	Grit Separator Building wastewater release	Facility Personnel	Letter from Mr. J. Holmes of GM to Mr. C. Berlin of DNREC dated December 14, 1994
April 19, 1996	Wastewater pipeline release at the phosphate area	Facility Personnel	Letter from Mr. J. Holmes of GM to Mr. R. Norris of DNREC dated April 24, 1994
June 30, 1996	Diesel oil AST release in vicinity of Pump House No. 2	Facility Personnel	Letter from Mr. J. Holmes of GM to Mr. J. Mulrooney of DNREC dated July 5, 1996
1997	Hydraulic lift station investigation	Clean Tech	Limited Site investigation of the Hydraulic Lift Station in the Area of Column N4 (November 1997)
October 1998	East Lot waste investigation	Facility Personnel	Discovery of Previously Undisclosed Material in East Lot Memorandum October 28, 1998
March 30, 2001	Fire fighting foam release to storm sewer	Facility Personnel	Letter from Mr. J. Holmes of GM to Mr. J. Mulrooney of DNREC dated April 3, 2001

TABLE 2

**CHRONOLOGY OF ENVIRONMENTAL ACTIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

<i>Date</i>	<i>Remedial Action</i>	<i>Conducted by</i>	<i>Source</i>
January 11, 2002	Power steering fluid release from Tank L	CRA	Report of Findings - OU-1 Soils Bulk Product Tank Areas (January 2004)
July 15, 2003	Diesel fuel release	Facility Personnel/ Talley Brothers, Inc.	GM Environmental Spill / Release Tracking Form dated July 15, 2003
2003	Remediation of impacted soils due to 2002 power steering release in the vicinity of Tank L at OU-1 Area	CRA / Talley Brothers, Inc.	Report of Findings OU-1 Soils Bulk Product Tank Areas, GM Wilmington Assembly Plant (January, 2004)
February 7, 2006	Purge solvent release at Modular Paint Building	Facility Personnel	GM Environmental Spill / Release Tracking Form dated July 2, 2006
February 12, 2007	VOCs release to atmosphere	Facility Personnel	Release ID 12484, dated February 12, 2007
July 23, 2007	VOCs release to atmosphere	Facility Personnel	Release ID 12728, dated July 23, 2007
March 20, 2008	Diesel fuel release in the freight parking lot	Facility Personnel	Letter from Mr. J. Holmes of GM to DNREC / DAWM Central Respiratory dated March 20, 2008
June 2008	VOC release to atmosphere	Facility Personnel	Release ID 13130, dated June 10, 2008

TABLE 2

**CHRONOLOGY OF ENVIRONMENTAL ACTIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

<i>Date</i>	<i>Remedial Action</i>	<i>Conducted by</i>	<i>Source</i>
June 2008	Refrigerant gas release to atmosphere	Facility Personnel	Release ID 13128, dated June 10, 2008
June 25, 2008	Oil release into catch basin in vicinity of Weld Water Building	Facility Personnel	GM Environmental Spill/Release Tracking Form dated June 25, 2008
2008	AST closure investigation (ASTs A, B, and received closure	CRA	AST Closure Document, Four Aboveground Storage Tanks (August 2009)
January 2008	VOCs release to atmosphere due to problems with a damper timer	Facility Personnel	Release ID 12951, dated January 28, 2008
Unknown	In-place closure of OU-2 USTs	Unknown	Facility personnel
Unknown	In-place closure of Kolene Tank	Unknown	Facility personnel
Unknown	Closure and removal of Solvent-Borne dip tank	Unknown	Facility personnel

TABLE 2

**CHRONOLOGY OF ENVIRONMENTAL ACTIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE**

Notes:

CRA- Conestoga- Rovers and Associates

GM – General Motors Corporation

AST – Aboveground Storage Tank

UST – Underground Storage Tank

DNREC – Delaware department of Natural Resource and Environmental Control

TABLE 3

SUMMARY OF WWTP TANKS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
WILMINGTON, DELAWARE

<i>Tank ID</i>	<i>Tank Volume (Gallons)</i>	<i>Content</i>	<i>Approximate location relative to the WWTP Building</i>
Holding Tank #1	600,000	Process Wastewater	East (closest holding tank to building)
Holding Tank #2	600,000	Process Wastewater	East (second closest Holding tank to building)
Holding Tank #3 ⁽¹⁾	1,100,000	Process Wastewater	East (furthest holding tank east of building)
Clarifier 1A	230,000	Process Wastewater	East (closest clarifier to building)
Clarifier 1B	230,000	Process Wastewater	East (furthest clarifier to building)
Sludge Thickening Tank ⁽²⁾	100,000	WWTP Sludge	South of building
Sludge Conditioning Tank	6,000	WWTP Sludge	Inside building on second floor on north end
Blend Tank	23,000	Process Wastewater	Inside building with base on the first floor
Flash Mix Tank	3,000	Process Wastewater	Inside building on second floor in the middle of building
Sandfilter 1A	Approximately 2,500	Treated Process Wastewater	Inside building on the first floor north end (closest to wall)
Sandfilter 1B	Approximately 2,500	Treated Process Wastewater	Inside building on the first floor north end
Final Effluent Tank	Approximately 2,000	Treated Process Wastewater	Inside building within the top portion of the influent wet well
Sulfuric Acid Tank	2,000	Sulfuric Acid (93-98%)	Inside building in the first room to the right of front entrance
Caustic Tank	Approximately 750	Sodium Hydroxide Solution (50%)	Inside building on first floor middle of building
Sodium Hypochlorite Tank	500	Sodium Hypochlorite Solution (10-15%)	Inside building on first floor towards the front of the building
Day lime tank ⁽³⁾	3,000	Lime	Second floor middle of building
Lime Slurry tank ⁽³⁾	16,000	Lime	Inside building with base on the first floor

Notes:

⁽¹⁾ Currently empty and has not been used since 2006

⁽²⁾ Currently empty and has not been used since 1999

⁽³⁾ Currently empty and has not been used since 1990

WWTP - Waste Water Treatment Plant

TABLE 4

**ASBESTOS CONTAINING MATERIAL LOCATION INFORMATION
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY
WILMINGTON, DELAWARE**

<i>Location</i>	<i>Location Description</i>	<i>Asbestos Material</i>	<i>Material Description</i>
Admin. Bldg.	Hospital	Tile	Green tile in Medical Dept.
Admin. Bldg.	Hospital	Ceiling Tile	Main treatment room
Admin. Bldg.	Hospital	Ceiling Tile	Stock room (room #13)
Admin. Bldg.	Hospital	Ceiling Tile	Hallway from Medical to Benefits Office
Admin. Bldg.	Hospital	Ceiling Tile	X-ray room
Admin. Bldg.	Hospital	Ceiling Tile	Nurse's room
Admin. Bldg.	Hospital	Ceiling Tile	Waiting room
Admin. Bldg.	Hospital	Ceiling Tile	Hallway to Personnel
Admin. Bldg.	Hospital	Ceiling Tile	Supervisor's Office (room #9)
Admin. Bldg.	Hospital	Ceiling Tile	Emergency room (room #8)
Admin. Bldg.	Hospital	Ceiling Tile	Eye room (room #10)
Admin. Bldg.	Hospital	Ceiling Tile	Physical room (room #11)
Admin. Bldg.	Hospital	Ceiling Tile	Therapy room (room #12)
Admin. Bldg.	Hospital	Ceiling Tile	Benefit's Office
Admin. Bldg.	Hospital	Ceiling Tile	EAP Office
Admin. Bldg.	Hospital	Ceiling Tile	Examination rooms
Admin. Bldg.	Personnel	Tile	Floor tile in entire Personnel Dept. lobby
Admin. Bldg.	Personnel	Ceiling Tile	Personnel lobby
Admin. Bldg.	Quality	Tile	Gray floor tile throughout dept.
Admin. Bldg.	Financial	Tile	Gray floor tile throughout dept.
Admin. Bldg.	Engineering	Tile	Gray floor tile throughout dept.
Admin. Bldg.	Wall Room	Ceiling Tile	All transite ceiling panels above ceiling grating
Admin. Bldg.	Security	Tile	All floor tile in entire locker room and kitchenette area - EXCEPT the newer light gray tile
Admin. Bldg.	Security	Tile	All gray tile throughout entire Security area
Admin. Bldg.	Security	Pipe Insulation	Overhead southern most silver steam pipe
Admin. Bldg.	Main Lobby	Ceiling Tile	Ceiling in Ladies room vestibule
Tire Bldg.	--	Pipe Insulation	Steam lines
Powerhouse	--	Pipe Insulation	Steam lines
Powerhouse	--	Boiler Insulation	Insulation circa 1947 boilers #1-3
General Assembl	2nd/3rd Floors	Transite	Exterior walls

Note: Information compiled from file reviews, interviews, and Site inspection.
An asbestos survey of the entire facility has not yet been performed.

APPENDIX A

ASSESSORS' QUALIFICATIONS

HENRY deH. ALEXANDER, P.E.

EDUCATION

B.S. Dickinson College, Physics, 1970

M.S. Drexel University, Environmental Engineering and Science, 1972

Other

Courses: 40-Hour OSHA Health and Safety Training (as per 29 CFR 1910.120), November 1993
Asbestos Building Inspector

EMPLOYMENT

1997- Senior Project Engineer

Present Conestoga-Rovers & Associates

1990-97 Senior Project Manager, BCM Engineers, Inc.

1988-90 Section Manager, BCM Engineers, Inc.

1987-88 Project Manager, BCM Engineers, Inc.

1985-87 Environmental Services Manager, Diversified Printing Corporation

1983-85 Assistant Project Manager, Gannett Fleming Engineers

1975-83 Air Quality Program Supervisor, Department of Environmental Resources

1972-75 Research Assistant/Project Supervisor, Delaware Valley Regional Planning Commission

1971-72 Pennsylvania Environmental Council, Inc.

REGISTRATIONS AND CERTIFICATIONS

Professional Engineer in Pennsylvania, August 1982

40-Hour OSHA Health and Safety Training (as per 29 CFR 1910.120), 1987 and currently updated

Asbestos Building Inspector - Pennsylvania, New Jersey, Maryland, Virginia, West Virginia

Sediment and Stormwater Management Certification - Delaware

PROFILE OF PROFESSIONAL ACTIVITIES

Site Assessment, Investigation, and Remediation

- **Renora Superfund Site, Edison, New Jersey:** Project manager for 6 years for the remediation of Renora Superfund Site. Supervised development of plans and specifications, the bidding process, and the construction of the removal of 2,000 cubic yards of PCB-contaminated soil, treatability studies for bioremediation of the remaining 5,000 cubic yards of PAH-contaminated soil, and the removal and treatment of the soil. Total expenditure: \$5,000,000
- **Pennsylvania Act 2 Program Sites:** Have prepared numerous submittals to the PA Department of Environmental Protection under the Pennsylvania voluntary cleanup program (Act 2). Reports and documents have included Notices of Intent to Remediate (NIRs), site investigation reports, remedial

investigation work plans and reports, final reports, and public notification. Sites have included textile mills, chemical manufacturing plants, a furniture manufacturing plant, greenhouses, and gasoline service stations

- **National-Standard Company, Clifton, New Jersey:** Responsible for the investigation and remediation of a 35-acre former steel wire manufacturing facility under the New Jersey Industrial Sites Recovery Act (ISRA). Prepared two remedial investigation workplans and have conducted an expedited soils investigation to successfully facilitate the sale of the property
- **Rohm and Haas Feasibility Study:** Prepared the feasibility study under RCRA corrective action for a 150-acre landfill with three operable units
- **DuPont Holly Run Facility:** Conducted soil and groundwater investigation of the DuPont magnetic crystal manufacturing facility located in Newport, Delaware
- **OxyChem Landfill Closure, Pottstown, Pennsylvania:** Conducted the closure of a 6-acre residual waste landfill. Closure consisted of final contouring of the landfill, installation of a geosynthetic cap system, installation of a passive gas vent system, revegetation of the landfill surface, and construction of a maintenance road. Prepared the closure certification approved by the PADEP
- **Closure of Agricultural Utilization Facility:** Conducted the successful closure of a 140-acre agricultural utilization facility that had received paper pulp waste for a period of 15 years
- **TCE Contamination:** Conducted investigation of a property in Pottstown, Pennsylvania to determine the lateral and vertical extent of a TCE release from a former manufacturing facility. Performed a property title search to determine the likely source of the contamination. Groundwater investigation is on-going at this time
- **Groundwater Monitoring:** Conducted quarterly monitoring of an impoundment that was closed under RCRA Corrective Action. Redesigned the groundwater monitoring network to more accurately reflect the groundwater system of the local area
- **Environmental Site Assessments:** Directed a group of 7 assessors that conducted over 1,000 environmental site assessments over a 7-year period
- **CoreStates Bank Acquisition:** Supervised the preparation of 45 Phase I and II Environmental Site Assessments for the acquisition of a major New Jersey Bank by CoreStates Bank. Prepared an assessment of the combined liability of the portfolio of properties as part of the acquisition planning effort
- **Kin-Buc Landfill Superfund Site, Edison Township, New Jersey:** Assessed the potential contribution of municipal solid waste (MSW) to the remediation costs associated with the Kin-Buc Landfill for a law firm in preparation for expert witness testimony. Was able to establish that the opposing side had significantly overestimated the monetary contribution expected from a class of municipal waste haulers
- **Global Landfill Superfund Site, Old Bridge Township, New Jersey:** Assessed the EPA remedy for the landfill, and compared this cost to the cost of closing the Global Landfill in accordance with applicable solid waste regulations. The work was performed for a law firm in preparation for expert witness testimony. Was able to establish that the majority of the remediation would have been required if hazardous waste had not been deposited in the landfill

Environmental Management Experience

- **GM Baltimore Truck and Bus Facility, Baltimore, Maryland:** Served as the environmental consultant for 14 years. Provided guidance for the environmental activities on site and was responsible for preparation of all plans and manuals. Conducted the modeling and analysis to

comply with the State of Maryland requirements for Toxic Air Pollutants. Conducted the remedial investigation of the facility subsequent to the plant shutdown in May 2005.

- **Stormwater Management Planning:** Have prepared numerous stormwater management plans for NPDES-permitted facilities in Pennsylvania, Delaware, and Maryland. Hold Sediment and Stormwater Management Certification in Delaware
- **Toxic Release Inventory Reporting:** Prepared TRI submittals for 19 other manufacturing facilities including the GM Baltimore Truck and Bus Facility and a 640-acre aircraft manufacturing facility
- **Diversified Printing Corporation, Atglen, Pennsylvania and Dickson, Tennessee:** Was Environmental Manager for Diversified Printing Corporation for a three-year period. Was responsible for all permitting and reporting, operation of two pretreatment plants and a wastewater treatment plant, installation of two groundwater treatment and recovery systems, and health and safety management
- **Georgia Gulf PVC Resin Plant:** Performed an analysis of the waste streams from a PVC resin manufacturing facility, demonstrating that one waste could be treated as a byproduct and recycled and that another waste could be generated as a residual waste rather than a hazardous waste by making minor modifications to the production process
- **Philip Services Corporation TSD Facility, Hatfield, Pennsylvania:** Conduct bi-monthly audit of a Philip Services Corporation TSD facility jointly for Philip Services and the Pennsylvania Department of Environmental Protection. Conducted this auditing for 10 years
- **Development of Environmental Management System:** Performed environmental, health, and safety audit for the Tasty Baking Company (TBC) in Philadelphia, Pennsylvania, developed an environmental management system for the TBC facilities, and conducted the initial training of the personnel to promulgate the system. Conducted follow up audits of the facility for 4 succeeding years on a semi-annual basis
- **Environmental Compliance Audits:** Have conducted multimedia environmental compliance audits of 17 manufacturing facilities including a 640-acre aircraft manufacturing facility, a chemical processing facility, a major Philadelphia bakery, and a nine-site audit of Heinz Bakery Products North American facilities
- **Federal Aviation Administration, Mid-Atlantic Group:** Performed a \$300,000 environmental, health, and safety compliance audit of 203 FAA facilities for the Philadelphia Corps of Engineers
- **Bethlehem Steel, Sparrows Point, Maryland:** Supervised the environmental laboratory and field staff at the Bethlehem Steel Sparrows Point plant for a 5-year period
- **USX, Fairless Hills, Pennsylvania:** Supervised the environmental laboratory and field staff at the USX Fairless Works for a 7-year period
- **Spill Prevention Plans:** Have prepared over 35 SPCC Plans and other spill prevention plans for industrial facilities
- **Air Pollution Control:** Directed Pennsylvania's air pollution control program for ozone and carbon monoxide. Wrote air pollution control regulations for industrial surface coating operations, rotogravure printing, floating roof and fixed roof tanks, bulk gasoline terminals and plants, refinery processes, wastewater separators, chemical manufacturing operations, cutback asphalt, and sulfur content of oil

PUBLICATIONS

- "Waste Minimization - Case History", Presented at the MidAtlantic Industrial Waste Conference, Harrisburg, PA, June 1989

EDUCATION

B.S. St. John's University, Collegeville, Minnesota, 1977, Cum Laude
M.B.A. College of St. Thomas, St. Paul, Minnesota, 1986

EMPLOYMENT

1995 - Principal, Minnesota Branch Manager
Present Conestoga-Rovers & Associates
1993-95 Associate, Minnesota Branch Manager, Conestoga-Rovers & Associates
1988-92 Project Manager, Minnesota Branch Manager, Conestoga-Rovers & Associates
1985-88 Remedial Project Manager, Honeywell Defense Systems Group
1983-85 Senior Environmental Engineer, Honeywell Defense Systems Division
1981-83 Environmental Engineer, Honeywell Defense Systems Division
1979-81 Project Manager, U.S. Army Toxic and Hazardous Materials Agency
1978-79 Chemical Staff Officer, Department of the Army, Project Manager for Chemical
 Demilitarization and Installation Restoration
1977-78 Ordnance Officer, Munitions Materiel Management, U.S. Army

PROFILE OF PROFESSIONAL ACTIVITIES

Remedial Investigations/Site Investigations/RCRA Facility Investigations and Feasibility Studies

- Served as Project Manager for all aspects from work plan development through final report preparation for investigation of the following facilities:
 - Electronic component manufacturing plant - New Brighton, Minnesota (NPL site)
 - Metal parts manufacturing plant - New Brighton, Minnesota (NPL site)
 - Engineering and testing facility - Anoka County, Minnesota
 - Precision metals fabricating plant - Niles, Michigan
 - Tennessee chemical company plant - Copperhill, Tennessee
 - Demolition landfill - New Brighton, Minnesota
 - Private dump - New Brighton, Minnesota
 - Trio solvents plant - New Brighton, Minnesota
 - Sporting goods manufacturing facility - Tennessee
 - Vehicle maintenance facility - Minnesota
 - Metal parts manufacturing facilities - Germany, Czech Republic, England
 - Electro-mechanical components facility - New York
 - Industrial landfills - Michigan, Texas

- Served as Project Manager for all aspects of remedial investigations at propellant and explosives manufacturing and loading plants. The specific areas of investigation included explosive and propellant manufacture, explosive loading, red and pink water disposal, detonation sites, and explosives burning at the following plants:
 - Joliet Army Ammunition Plant - Elwood, Illinois (NPL site)
 - Iowa Army Ammunition Plant - Burlington, Iowa
 - Badger Army Ammunition Plant - Baraboo, Wisconsin
 - Louisiana Army Ammunition Plant - Doyline, Louisiana (NPL site)
 - Cornhusker Army Ammunition Plant - Grand Island, Nebraska (NPL site)
 - Twin Cities Army Ammunition Plant - New Brighton, Minnesota (NPL site)

Environmental Assessments/Audits

- Performed environmental assessments for acquisition, secured financing or compliance at the following facilities:
 - Electronic component manufacturing facilities - Minnesota, Pennsylvania
 - Explosive loading plants - Illinois, Iowa, Tennessee, Arkansas
 - Solid fiberboard and paper mills - California, Vermont, Michigan, Minnesota, Illinois, Missouri
 - Metals fabrication and die casting plants - Illinois, North Carolina
 - Metals fabrication facilities - Ohio, South Carolina, Illinois, Brazil, Germany, England, Czech Republic, Missouri, Nevada, New York, Indiana
 - Chemical formulation plants - Illinois, England, Ireland
 - Manufacturing and warehouse facilities - Illinois, Indiana, Wisconsin, Georgia, Texas, Pennsylvania, California
 - Food production, processing, and packaging plants - Indiana, Louisiana, Minnesota, Ohio, New York, California, Illinois
 - Construction equipment maintenance facilities - Georgia, Minnesota, Washington, Illinois
 - Industrial equipment manufacturing facilities - Ohio
 - Soft drink bottling plants - Arkansas, North Carolina, South Carolina, Tennessee, Belgium
 - Soft drink distribution facilities - Arkansas, North Carolina, South Carolina, Tennessee, Texas, Belgium
 - Heavy equipment manufacturing plants - Illinois, Wisconsin, Indiana
 - Commercial munitions, production and testing facilities - Ohio, Pennsylvania, Florida, New Mexico, Tennessee
 - Medical equipment manufacturing facilities - Connecticut, Puerto Rico
 - Cement plants - Iowa, Mississippi, Missouri
 - Precision metals fabrication plants - Michigan, Illinois, Indiana, Pennsylvania
 - Chemical manufacturing plants - Tennessee, Wisconsin
 - Athletic and swimming facilities - Minnesota
 - Waste derived fuel plants - Missouri, Kansas, Indiana, Pennsylvania, Maryland
 - Cabinet manufacturing plants - Texas, Kentucky, Iowa, Minnesota, Ohio

- Photo processing facilities - Minnesota, Missouri, Netherlands, Kansas
- Photographic film manufacturing facilities - United Kingdom, Germany, Switzerland
- Corrugated box plants - South Carolina, Georgia, Alabama, Tennessee
- Fiberboard partition plants - Maine, New Jersey, Wisconsin, Quebec, Iowa, Minnesota, Massachusetts
- Hazardous waste blending facilities - Ohio
- Plastic extrusion and molding plants - Germany, Michigan, Minnesota
- Window and door manufacturing facilities - Wisconsin, Michigan, Iowa
- Furniture manufacturing facilities - North Carolina, Ohio, Pennsylvania, Virginia
- Foundries - Michigan, Illinois, Ohio, Pennsylvania, Tennessee, Mexico
- Photographic chemical and plate manufacturing - Germany, Switzerland, England
- Chemical processing facilities - United States, Australia, Korea, Japan

Remedial Designs or Remedial Construction Supervision

- Served as Project Manager for the design and/or construction of the following remedial actions:
 - Groundwater collection tile, extraction, and VOC treatment system - (NPL site) New Brighton, Minnesota
 - Extraction well and VOC treatment system - (NPL site) New Brighton, Minnesota
 - 2,900 GPM groundwater extraction, VOC treatment and recharge system - (NPL site) New Brighton, Minnesota
 - Excavation and on-site contained storage of 12,000 tons of PCB contaminated soil - (NPL site) New Brighton, Minnesota
 - Groundwater Extraction and Discharge System - New Brighton, Minnesota
 - Excavation and off-site disposal of metals contaminated soils - New Brighton, Minnesota
 - Decontamination and off-site disposal of PCB equipment and oils - New Brighton, Minnesota
 - Decontamination of PCB contaminated plant areas - Lafayette, Indiana
 - Excavation and off-site disposal of over 100,000 tons of organics contaminated soil (NPL site) - New Jersey
 - Industrial sewer cleaning and sludge handling project involving VOCs, PCBs and metals - (NPL site) New Brighton, Minnesota
 - Excavation and off-site disposal of lead contaminated soils - Minneapolis, Minnesota
 - PCB soil contamination site - Iowa
 - Soil vapor extraction system for VOC removal - Wisconsin
 - Air sparging system for VOC removal - Minnesota
 - VOC air stripping water treatment system - New Jersey
 - Excavation, on-site separation and off-site disposal of contaminated soils - Fridley, Minnesota
 - Soil vapor extraction system for VOC removal - Germany
 - Wastewater lagoon closure - Michigan

Environmental Compliance at Industrial Facilities

- Responsible for environmental compliance at multi-facility division of Honeywell, Inc. including:
 - Prepared permit applications for hazardous waste treatment and storage facilities
 - Developed in-plant hazardous waste management procedures for division
 - Developed RCRA training programs for treatment and storage facilities
 - Managed in-house hazardous waste generation, treatment, storage, and disposal program for six manufacturing facilities
 - Developed in-plant spill response procedures for manufacturing facilities
 - Prepared industrial discharge (POTW) permit applications for manufacturing plants and remedial actions
 - Prepared NPDES permits for remedial actions
- Performed multi-media compliance audits at the following types of industrial facilities:
 - Chemical manufacturing, chemical formulation, explosives loading, metal parts manufacturing, primary and secondary steel manufacturing, paper manufacturing, furniture and cabinet manufacturing, and miscellaneous manufacturing

Technical Support for Litigation and Administrative Orders

- Provided the following technical expert services in conjunction with permitting and litigation issues:
 - Assisted PRP at VOC contaminated groundwater site consisting of review and comment on; remedial investigations, feasibility studies, risk assessment, groundwater modeling, records of decision, consent orders - NPL site in Minnesota
 - Assisted PRP at VOC and PCB contaminated site consisting of review and comment on; remedial investigations, feasibility studies, risk assessment and administrative orders - Illinois
 - Assisted PRP group at mixed municipal and demolition landfill consisting of review and comment on; remedial investigation, remedial objectives and remedial cost estimates - NPL site in Minnesota
 - Assisted industrial client in negotiation of administrative and judicial orders for investigation and implementation of corrective actions at a mining and chemical manufacturing facility - Tennessee
 - Assisted township in removing a potential landfill site from final consideration list - Minnesota
 - Assisted PRP group at mixed municipal landfill consisting of RD/RA Scope of Work negotiations, remedial cost estimates, allocation negotiations and mediation - NPL site in Minnesota
 - Assisted industrial clients in negotiation of contribution claims for past releases on property - Iowa, Texas, Tennessee, Minnesota, Wisconsin, Idaho, Pennsylvania, Illinois, Indiana
 - Assisted industrial client with evaluation of compliance and recommended corrective measures in response to potential litigation - Mississippi
 - Technical expert for an industrial client with PCB risk issues from former industrial disposal site under litigation - Michigan
 - Technical expert for industrial client regarding acquisition due diligence

APPENDIX B

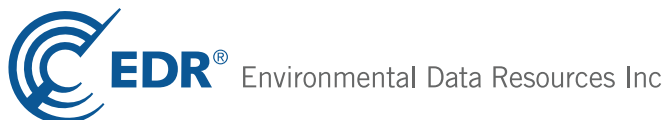
DATABASE SEARCH

1190 - GMVM Wilmington

801 Boxwood Road
Wilmington, DE 19804

Inquiry Number: 2643698.2s
November 20, 2009

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

801 BOXWOOD ROAD
WILMINGTON, DE 19804

COORDINATES

Latitude (North): 39.728400 - 39° 43' 42.2"
Longitude (West): 75.611800 - 75° 36' 42.5"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 447569.1
UTM Y (Meters): 4397582.5
Elevation: 79 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 39075-F5 WILMINGTON SOUTH, DE
Most Recent Revision: 1997

West Map: 39075-F6 NEWARK EAST, DE
Most Recent Revision: 1993

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2006
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
GENERAL MOTORS WILMINGTON PLANT BOXWOOD / DODSON ROAD WILMINGTON, DE 19804	SPILLS	N/A
GM WILMINGTON ASSEMBLY PLANT 801 BOXWOOD ROAD NEWPORT, DE 19804	TIER 2	N/A
GENERAL MOTORS - HYDRAULIC LIFT 801 BOXWOOD ROAD WILMINGTON, DE	LUST Closure: 8/5/1997	N/A

EXECUTIVE SUMMARY

GENERAL MOTORS CORP - WILM ASSEMB BOXWOOD ROAD WILMINGTON, DE 19804	SHWS	N/A
GENERAL MOTORS 801 BOXWOOD RD WILMINGTON, DE 19804	SPILLS	N/A
GENERAL MOTORS-SATURN CORPORATION 801 BOXWOOD ROAD WILMINGTON, DE 19804	ENF	N/A
GENERAL MOTORS CORPORATION NAO WI BOXWOOD & DODSON ROADS WILMINGTON, DE 19899	PADS FINDS RCRA-LQG TRIS RCRA-TSDF CORRACTS	19899CPCWLPO
GENERAL MOTORS CPC CORP 801 BOXWOOD ROAD WILMINGTON, DE	UST	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facilities

State and tribal leaking storage tank lists

LAST..... Leaking Aboveground Storage Tank Sites
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Certified Brownfields

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY..... Recyclers Directory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
UIC..... Underground Injection Wells Inventory Listing
DRYCLEANERS..... Drycleaner Facility Listing
NPDES..... Wastewater Permit Listing
AIRS..... Air Emissions Listing
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER..... PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/01/2009 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUPONT & CO - HOLLY RUN PLANT	JAMES & WATER STS/HOLLY S 1/2 - 1 (0.943 mi.)		K58	155

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 11/12/2008 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DEALS ON WHEELS	460 CENTURY BLVD	NW 0 - 1/8 (0.107 mi.)	D16	88
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BENCHMARK TRANS	1307 NEWPORT GAP PK	WSW 1/8 - 1/4 (0.210 mi.)	F25	99
BRANDYWINE BODY SHOP	1325 NEWPORT GAP PIKE	W 1/8 - 1/4 (0.214 mi.)	26	101
SAC TIRE CENTER	1321 NEWPORT GAP PK	WSW 1/8 - 1/4 (0.215 mi.)	F27	111

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 11/12/2008 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WAL-MART STORE #5436	1251 CENTERVILLE ROAD	NW 0 - 1/8 (0.111 mi.)	D19	92
DE ARNG OMS 01	1418 NEWPORT GAP PIKE	WSW 1/8 - 1/4 (0.238 mi.)	G31	117
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DEARNG 198TH REGIMENT ARMORY	1401 NEWPORT GAP PIKE	WSW 1/8 - 1/4 (0.234 mi.)	G28	113

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

SHWS: Hazardous Substance Release Sites.

A review of the SHWS list, as provided by EDR, and dated 09/09/2009 has revealed that there are 10 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOLLINGSWORTH PROP.-PUMP.ISL.	3410 OLD CAPITOL TRAIL	WNW 1/4 - 1/2 (0.428 mi.)	42	128
TONI DRY CLEANERS - 1606 KIRKW	1606 KIRKWOOD HIGHWAY	N 1/4 - 1/2 (0.445 mi.)	43	129
JB DRY CLEANERS - 1909 CENTERV	1909 CENTERVILLE ROAD	NNW 1/2 - 1 (0.626 mi.)	53	153
FIVE POINTS FIRE COMPANY	209 SOUTH MARYLAND AVENUE	ESE 1/2 - 1 (0.900 mi.)	55	154
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
101 BEECH STREET SITE	101 BEECH STREET	N 1/4 - 1/2 (0.286 mi.)	36	122
ATLANTIC AVENUE	ATLANTIC AVENUE	E 1/2 - 1 (0.726 mi.)	54	153
AMETEK	900 GREENBANK ROAD	W 1/2 - 1 (0.929 mi.)	56	154
NEWPORT CY LANDFILL	WATER ST & COOPER DR	SSE 1/2 - 1 (0.936 mi.)	57	154
E.I. DUPONT;NEWPORT LANDFILL(O	JAMES STREET / WATER	S 1/2 - 1 (0.944 mi.)	K59	193
CIBA-GEIGY SEEP	JAMES STREET / WATER	S 1/2 - 1 (0.944 mi.)	K60	193

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks - Active/Inactivated Sites.

A review of the LUST list, as provided by EDR, and dated 07/15/2009 has revealed that there are 20 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DELAWARE BRICK Closure: 6/18/1991	1114 CENTERVILLE ROAD	0 - 1/8 (0.001 mi.)	C14	86
FORMER BP STATION Closure: 10/9/2003	1251 CENTERVILLE ROAD	NW 0 - 1/8 (0.111 mi.)	D17	91
ARMY NAT. GD.,NEWPORT GAP PIKE Closure: 8/30/1993	1418 NEWPORT GAP PIKE	WSW 1/8 - 1/4 (0.238 mi.)	G33	120
DE ARMY NAT GD STERN ARMORY Closure: 6/15/2001	1418 NEWPORT GAP PIKE	WSW 1/8 - 1/4 (0.238 mi.)	G34	120
MATERIAL SUPPLY Closure: 4/24/2000 Closure: 11/7/1996	1600 NEWPORT GAP PIKE	W 1/4 - 1/2 (0.305 mi.)	37	122
GLOBE BEVERAGE Closure: 10/15/1991	240 LOCUST AVENUE	NE 1/4 - 1/2 (0.330 mi.)	38	127
HOLLINGSWORTH PROP.-PUMP.ISL. Closure: 10/1/1998 Closure: 4/29/2002 <i>*Additional key fields are available in the Map Findings section</i>	3410 OLD CAPITOL TRAIL	WNW 1/4 - 1/2 (0.428 mi.)	42	128
KAYO OIL COMPANY CONOCO, ELSM. Closure: 8/14/2002 Closure: 3/14/2007	1500 KIRKWOOD HIGHWAY	N 1/4 - 1/2 (0.448 mi.)	45	131
STATE STORES INC/ ASIA FOOD Closure: 4/11/1990	2110 KIRKWOOD HIGHWAY	N 1/4 - 1/2 (0.452 mi.)	46	132

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VA MEDICAL CENTER Closure: 3/24/1999	1601 KIRKWOOD HWY	N 1/4 - 1/2 (0.456 mi.)	47	132
BRETS AUTOMOTIVE CENTER, INC Closure: 12/21/2000	2003 KIRKWOOD HIGHWAY	N 1/4 - 1/2 (0.456 mi.)	I48	150
VETERANS BP STATION Closure: 12/20/1994 Closure: 12/30/1997	2003 KIRKWOOD HIGHWAY	N 1/4 - 1/2 (0.456 mi.)	I49	151
SHELL - ROSELLE Closure: 8/26/2004 Closure: 1/17/1995	2510 KIRKWOOD HIGHWAY	N 1/4 - 1/2 (0.459 mi.)	50	152
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LEASEWAY MOTORCAR TRANSPORT CO 95 DODSON ROAD Closure: 11/28/1990		0 - 1/8 (0.001 mi.)	B12	84
ABSALOM JONES COMMUNITY CENTER Closure: 5/4/1995	310 KIAMENSI ROAD	SW 1/4 - 1/2 (0.371 mi.)	H39	127
PROPERTY OF MYRTLE WILLIAMS Closure: 9/25/1995	311 KIAMENSI ROAD	SW 1/4 - 1/2 (0.371 mi.)	H40	128
COMMUNITY HOUSING, MANLOVE LAN Closure: 4/10/1993 Closure: 12/1/1999	MAPLE AVENUE / KIAMEN	WSW 1/4 - 1/2 (0.416 mi.)	41	128
MEINEKE MUFFLER Closure: 6/13/1996	1512 KIRKWOOD HIGHWAY	N 1/4 - 1/2 (0.445 mi.)	44	131
7-11 1126-11305, 248 MD. AVE. Closure: 12/10/1993	210 MARYLAND AVENUE	SSW 1/4 - 1/2 (0.472 mi.)	J51	152
ARTESIAN WATER Closure: 8/19/1992	213 MARYLAND AVENUE	SSW 1/4 - 1/2 (0.481 mi.)	J52	152

State and tribal registered storage tank lists

UST: State of Delaware UST List.

A review of the UST list, as provided by EDR, and dated 08/10/2009 has revealed that there are 8 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DELAWARE BRICK COMPANY	1114 CENTERVILLE ROAD	0 - 1/8 (0.001 mi.)	C13	86
FORMER BP STATION-WILMINGTON	1251 CENTERVILLE ROAD	NW 0 - 1/8 (0.111 mi.)	D18	91
MATERIAL SUPPLY INC	510 CENTURY BOULEVARD	N 1/8 - 1/4 (0.131 mi.)	E22	97
VINCES GLASS SERVICE	601 BOXWOOD ROAD	E 1/8 - 1/4 (0.184 mi.)	24	99
STERN ARMORY	1418 NEWPORT GAP PIKE	WSW 1/8 - 1/4 (0.238 mi.)	G30	116
DEARNG ARMY NATIONAL GUARD	1418 NEWPORT GAP PIKE	WSW 1/8 - 1/4 (0.238 mi.)	G32	119
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ANCHOR MOTOR FREIGHT INC	95 DODSON ROAD	0 - 1/8 (0.001 mi.)	B11	83
SIMPSON UNITED METHODIST CHURCH	907 CENTERVILLE ROAD	S 0 - 1/8 (0.115 mi.)	20	94

EXECUTIVE SUMMARY

AST: Facilities with aboveground storage tanks.

A review of the AST list, as provided by EDR, and dated 10/13/2009 has revealed that there are 4 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUTO RAIL SERVICES - 1155 CENT	1155 CENTERVILLE ROAD	0 - 1/8 (0.001 mi.)	9	81
DELAWARE BRICK NEWPORT	1114 CENTERVILLE ROAD	0 - 1/8 (0.001 mi.)	C15	87
DELAWARE ARMY NATIONAL GUARD -	1418 NEWPORT GAP PIKE	WSW 1/8 - 1/4 (0.238 mi.)	G35	121
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ANCHOR MOTOR FREIGHT NEWPORT	95 DODSON ROAD	0 - 1/8 (0.001 mi.)	B10	82

State and tribal institutional control / engineering control registries

INST CONTROL: All Sites with Deed Restrictions from the Department of Natural Resources & Environmental Control.

A review of the INST CONTROL list, as provided by EDR, and dated 09/28/2009 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
101 BEECH STREET SITE	101 BEECH STREET	N 1/4 - 1/2 (0.286 mi.)	36	122

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 11/12/2008 has revealed that there are 4 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AGILENT TECHNOLOGIES INC	300 CENTURY BLVD	N 0 - 1/8 (0.115 mi.)	21	94
MATERIAL TRUCKING INCORPORATED	510 CENTURY BOULEVARD	N 1/8 - 1/4 (0.131 mi.)	E23	97
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LEASEWAY MOTORCAR TRANSPORT CO	95 DODSON ROAD	0 - 1/8 (0.001 mi.)	B12	84
CSX TRANSPORTATION, INC.	300 TAMARACK AVE	NE 1/8 - 1/4 (0.234 mi.)	29	115

EXECUTIVE SUMMARY

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 09/01/2009 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

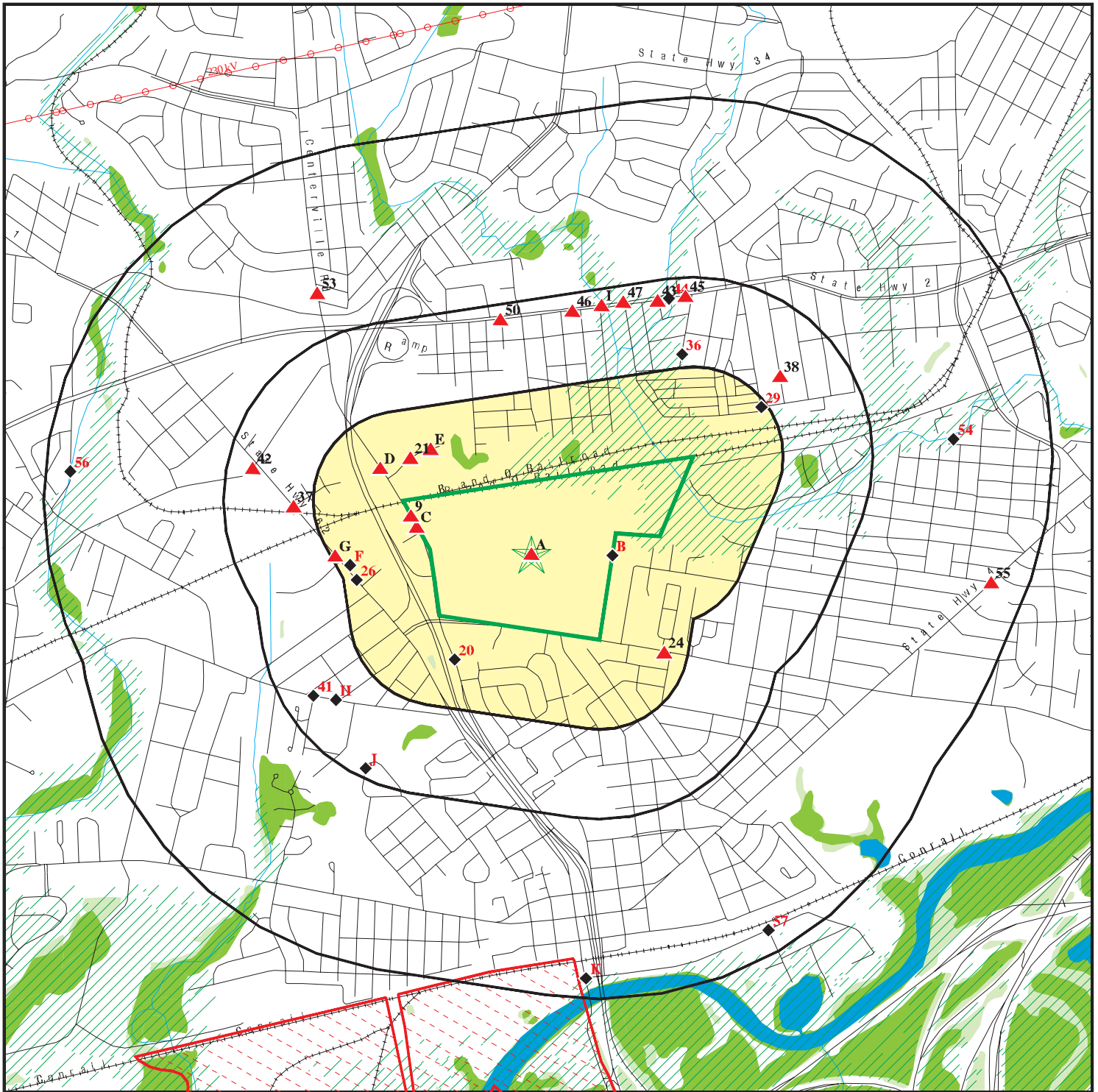
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DUPONT & CO - HOLLY RUN PLANT</i>	<i>JAMES & WATER STS/HOLLY S 1/2 - 1 (0.943 mi.)</i>		<i>K58</i>	<i>155</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
WILLOW BANK SITE	AST
PNC BANK BUILDING WILMINGTON	AST
CHESTNUT RUN PLAZA - RT 141 & FAUL	AST
PORT PENN ORDNANCE MODIFICATION PL	SHWS
TISDEL PROPERTY	SHWS, CERC-NFRAP
NEWPORT DRUM SITE	SHWS
BREAD & CHEESE	SHWS, CERC-NFRAP
TIMKO BROTHERS LANDFILL	SHWS, CERC-NFRAP
DELAWARE & VANBUREN AVE.	SHWS
DELDOT:NEWPORT MAINTENANCE YD.	LUST
SILVIEW AUTOMOTIVE (#2)	LUST
SILVIEW AUTO	LUST, UST
MIDWAY MUFFLER	LUST, UST
PALADIN CLUB APTS.	LUST
CHARLES FERRIS	LUST
BLUE BALL BARN - DELDOT	LUST
ABANDONED GAS STATION	LUST
DOT RESIDENTIAL SITE	LAST
DELDOT DIVISION OF HIGHWAY OPERATI	UST
CHARLES A FERRIS	UST
ABANDONED GAS STATION - WILMINGTON	UST
DAVIS BUS SERVICE INC	FINDS, RCRA-NonGen
WASTE MANAGEMENT OF DELAWARE	FINDS, RCRA-NonGen

OVERVIEW MAP - 2643698.2s



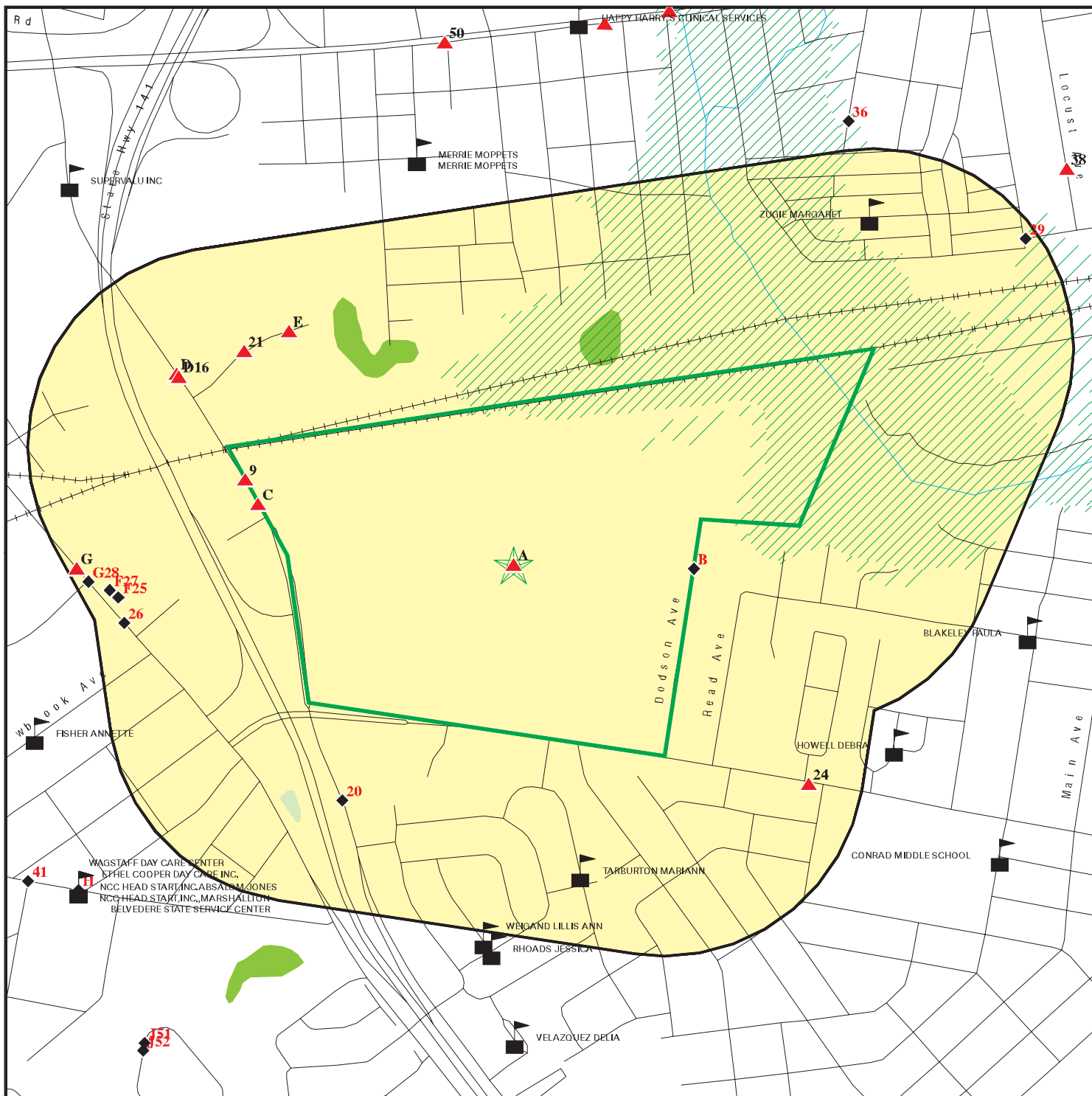
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1190 - GMVM Wilmington
 ADDRESS: 801 Boxwood Road
 Wilmington DE 19804
 LAT/LONG: 39.7284 / 75.6118

CLIENT: LFR Inc
 CONTACT: Sean Drain
 INQUIRY #: 2643698.2s
 DATE: November 20, 2009 1:56 pm

DETAIL MAP - 2643698.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1190 - GMVM Wilmington
 ADDRESS: 801 Boxwood Road
 Wilmington DE 19804
 LAT/LONG: 39.7284 / 75.6118

CLIENT: LFR Inc
 CONTACT: Sean Drain
 INQUIRY #: 2643698.2s
 DATE: November 20, 2009 1:57 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	1	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	X	1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	X	0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	X	0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	1	3	NR	NR	NR	4
RCRA-CESQG		0.250	1	2	NR	NR	NR	3
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	X	1.000	0	0	3	7	NR	10
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	X	0.500	3	2	15	NR	NR	20
LAST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	X	0.250	4	4	NR	NR	NR	8

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	3	1	NR	NR	NR	4
INDIAN UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL		0.500	0	0	1	NR	NR	1
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS	X	TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	2	2	NR	NR	NR	4
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	1	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS	X	TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
ENF	X	TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TIER 2	X	TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

GENERAL MOTORS WILMINGTON PLANT
BOXWOOD / DODSON ROAD
WILMINGTON, DE 19804

SPILLS S107445399
N/A

Site 1 of 8 in cluster A

Actual:
79 ft.

Facility ID: 10000016
Release ID: 11202
Release Date: 4/28/2004 9:30:00 AM
Hazardous: NO
Report Date: 4/28/2004 12:19:00 PM
Release Location: GENERAL MOTORS PLANT BOXWOOD RD
Substance Release: SOLVENT, [COMBUSTIBLE LIQUID]
Release Duration: Continuous
Est Quantity: N/A
Release To: WATER
Health Risk: SOLVENT, [COMBUSTIBLE LIQUID]There was no description available for this chemical.

Medical Attention: SOLVENT, [COMBUSTIBLE LIQUID]The following chemical information was taken from the CAMEO Chemical database.Move victim to fresh air; call emergency medical care. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes. Remove and isolate contaminated clothing and shoes at the site. (?? AAR, 1999)

Prerecomm: None
Pub Notified: YES
Facility Contact: GENERAL MOTORS
Facility Contact Tele: 302-463-7934
Facility Contact Email: Not reported
Status: Final
Additional Info: LEAKED INTO THE WASTE WATER PROCESS SUMP

Facility ID: 10000016
Release ID: 10700
Release Date: 7/15/2003 9:54:00 AM
Hazardous: NO
Report Date: 7/15/2003 9:54:00 AM
Release Location: GM SATURN PLANT, BOXWOOD ROAD
Substance Release: FUEL OIL, [DIESEL]
Release Duration: Continuous
Est Quantity: Less than 10.00 GALLONS
Release To: GROUND
Health Risk: FUEL OIL, [DIESEL]The following chemical information was taken from the CAMEO Chemical database.LIQUID: Irritating to skin and eyes. Harmful if swallowed. (USCG, 1999)

Medical Attention: FUEL OIL, [DIESEL]The following chemical information was taken from the CAMEO Chemical database.EYES: First check the victim for contact lenses and remove if present. Flush victims eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victims eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.SKIN: IMMEDIATELY flood affected skin with water while removing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment. INHALATION: IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Protective Clothing. INGESTION: DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open and lay the victim on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital. (NTP, 1992)

Prerecomm: None
Pub Notified: YES
Facility Contact: HOLMES, JEFF
Facility Contact Tele: 302-463-7935
Facility Contact Email: Not reported
Status: Final
Additional Info: LESS THAN 10 GAL OF DIESEL MIXED WITH WATER LEAKED FROM OLD LINES IN A CONTROLLED MANNER DURING CONSTRUCTION.

Facility ID: 10000016
Release ID: 10789
Release Date: 8/28/2003 9:36:00 AM
Hazardous: NO
Report Date: 8/28/2003 10:11:00 AM
Release Location: BOXWOOD RD WILMINGTON
Substance Release: GLYCOL ETHERS, [LIQUID] VOC
Release Duration: At Least 24 minutes
Est Quantity: Less than 3.00 POUNDS
Release To: AIR
Health Risk: GLYCOL ETHERS, [LIQUID] There was no description available for this chemical.

Medical Attention: GLYCOL ETHERS, [LIQUID] There was no description available for this chemical.

Prerecomm: None
Pub Notified: YES
Facility Contact: GENERAL MOTORS
Facility Contact Tele: 302-428-7422
Facility Contact Email: UNKNOWN
Status: Final
Additional Info: RELEASE OCCURRED IN THE PRIMER OVENS

Facility ID: 10000016
Release ID: 10771
Release Date: 8/20/2003 2:20:00 PM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

Hazardous: NO
Report Date: 8/20/2003 2:31:00 PM
Release Location: GENERAL MOTORS NEWPORT
Substance Release: Volatile Organic Compounds
Release Duration: At Least 16 minutes
Est Quantity: Equal to 4.50 pounds
Release To: AIR
Health Risk: Unknown
Medical Attention: Unknown
Prerecomm: None
Pub Notified: YES
Facility Contact: Peronti, John
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: Exhaust from a paint process oven vented to the air instead of through a pollution control device.

Facility ID: 10000016
Release ID: 12091
Release Date: 3/10/2006 2:50:00 PM
Hazardous: NO
Report Date: 3/13/2006 8:29:00 AM
Release Location: 810 BOXWOOD ROAD
Substance Release: VOC GAS
Release Duration: At Least 40 minutes
Est Quantity: Equal to 4.00 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: Not reported

Facility ID: 10000016
Release ID: 10524
Release Date: 3/19/2003 5:00:00 AM
Hazardous: NO
Report Date: 3/19/2003 6:57:00 AM
Release Location: GENERAL MOTORS WILMINGTON
Substance Release: GLYCOL ETHERS, [LIQUID]
Release Duration: Intermittent
Est Quantity: Less than 5.00 POUNDS
Release To: AIR
Health Risk: GLYCOL ETHERS, [LIQUID]There was no description available for this chemical.
Medical Attention: GLYCOL ETHERS, [LIQUID]There was no description available for this chemical.
Prerecomm: None
Pub Notified: NO
Facility Contact: GENERAL MOTORS
Facility Contact Tele: 302-428-7422
Facility Contact Email: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

Status: Final
Additional Info: NO REPORTABLE QUANTITY THE RELEASE WAS VOCs OF LESS THAN 5 POUNDS WITH THE ABOVE NAMED CHEMICAL BEING THE GREATEST RELEASED

Facility ID: 10000016
Release ID: 10131
Release Date: 4/24/2002 7:50:00 AM
Hazardous: Not reported
Report Date: 4/24/2002 7:50:00 AM
Release Location: 810 BOXWOOD RD WILMINGTON
Substance Release: REFRIGERANT GAS R-32
Release Duration: Intermittent
Est Quantity: N/A
Release To: AIR
Health Risk: REFRIGERANT GAS R-32 The following chemical information was taken from the CAMEO Chemical database. Vapors may cause dizziness or asphyxiation without warning. Some may be irritating if inhaled at high concentrations. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite. Fire may produce irritating and/or toxic gases. (DOT, 1996)

Medical Attention: REFRIGERANT GAS R-32 The following chemical information was taken from the CAMEO Chemical database. Move victim to fresh air. Call emergency medical care. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Remove and isolate contaminated clothing and shoes. Clothing frozen to the skin should be thawed before being removed. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Keep victim warm and quiet. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. (DOT, 1996)

Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PEROINTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: Not reported

Facility ID: 10000016
Release ID: 13066
Release Date: 4/1/2008 3:30:00 PM
Hazardous: NO
Report Date: 4/1/2008 4:05:00 PM
Release Location: 801 BOXWOOD ROAD, GENERAL MOTORS PLANT, WILMINGTON
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: Continuous
Est Quantity: Equal to 3.50 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN LERON
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

Status: Final
Additional Info: RELEASE FROM AN EQUIPMENT FAILURE WITH THE THERMAL COUPLER

Facility ID: 10000016
Release ID: 12872
Release Date: 11/26/2007 2:30:00 PM
Hazardous: NO
Report Date: 11/26/2007 3:05:00 PM
Release Location: 801 BOXWOOD ROAD
Substance Release: SOLVENT, CONSISTING OF ONLY BENZENE, ETHYLBENZENE, DIETHYLBENZENE, POLYETHYLBENZENE, STYRENE, TOLUENE, ETHYLTOLUENE, VINYL TOLUENE, OR XYLENE
Release Duration: At Least 30 minutes
Est Quantity: Greater than 5.00 LBS
Release To: AIR
Health Risk: SOLVENT, CONSISTING OF ONLY BENZENE, ETHYLBENZENE, DIETHYLBENZENE, POLYETHYLBENZENE, STYRENE, TOLUENE, ETHYLTOLUENE, VINYL TOLUENE, OR XYLENE
There was no description available for this chemical.

Medical Attention: SOLVENT, CONSISTING OF ONLY BENZENE, ETHYLBENZENE, DIETHYLBENZENE, POLYETHYLBENZENE, STYRENE, TOLUENE, ETHYLTOLUENE, VINYL TOLUENE, OR XYLENE
The following chemical information was taken from the CAMEO Chemical database. Move victim to fresh air; call emergency medical care. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site. (?? AAR, 1999)

Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-528-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: EXCESSIVE FAN VIBRATION CAUSED THE PRIME ABATEMENT UNIT TO SHUT DOWN RESULTING IN A RELEASE IN EXCESS OF 5 LBS OF VOLATILE ORGANIC COMPOUNDS.

Facility ID: 10000016
Release ID: 13137
Release Date: 6/17/2008 7:00:00 AM
Hazardous: NO
Report Date: 6/17/2008 7:19:00 AM
Release Location: 801 BOXWOOD ROAD NEWPORT WILMINGTON DE
Substance Release: VOCS
Release Duration: At Least 1 minutes
Est Quantity: Equal to 1.60 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PARENTH
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

Additional Info: A RELEASE OF 1.6 POUNDS OF VOCS WAS REPORTED DUE TO AN OVEN QUICK COOL.

Facility ID: 10000016
Release ID: 12733
Release Date: 7/27/2007 8:00:00 PM
Hazardous: NO
Report Date: 7/27/2007 9:01:00 PM
Release Location: GENERAL MOTORS BOXWOOD ROAD PLANT
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: Continuous
Est Quantity: Equal to 8.00 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN KURONY
Facility Contact Tele: 302-798-6936
Facility Contact Email: Not reported
Status: Final
Additional Info: RELEASE AS THE RESULT OF A LIGHTNING STRIKE

Facility ID: 10000016
Release ID: 12792
Release Date: 8/28/2007 6:00:00 AM
Hazardous: NO
Report Date: 8/28/2007 6:33:00 AM
Release Location: 801 BOXWOOD ROAD WILMINGTON DE
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: Intermittent
Est Quantity: Equal to 2.90 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: A PAINT SHOP UPSET CAUSED THE RELEASE OF VOCS

Facility ID: 10000016
Release ID: 13055
Release Date: 3/20/2008 2:20:00 PM
Hazardous: NO
Report Date: 3/20/2008 2:33:00 PM
Release Location: ASPHALT AND COMBINATION STORMWATER/WASTEWATER SYSTEM BOXWOOD AND DODSON ROAD WILMINGTON
Substance Release: FUEL OIL, [DIESEL]
Release Duration: Intermittent
Est Quantity: Less than 250.00 GALLONS
Release To: AIR
Health Risk: FUEL OIL, [DIESEL]The following chemical information was taken from the CAMEO Chemical database.LIQUID: Irritating to skin and eyes. Harmful if swallowed. (USCG, 1999)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

Medical Attention: FUEL OIL, [DIESEL]The following chemical information was taken from the CAMEO Chemical database.EYES: First check the victim for contact lenses and remove if present. Flush victims eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victims eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.SKIN: IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.INHALATION: IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Protective Clothing.INGESTION: DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victims airway is open and lay the victim on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital. (NTP, 1992)

Prerecomm: None
Pub Notified: NO
Facility Contact: BRIAN LINDO
Facility Contact Tele: 800-461-3000
Facility Contact Email: Not reported
Status: Final
Additional Info: 100 GALLONS CONTAINED ON ASPHALT, 150 GALLONS CONTAINED IN UNDERGROUND STORMWATER SYSTEM LEADING TO WASTEWATER TREATMENT. NO ESCAPE TO ENVIRONMENT.

Facility ID: 10000016
Release ID: 12673
Release Date: 6/8/2007 8:30:00 PM
Hazardous: NO
Report Date: 6/8/2007 11:30:00 PM
Release Location: GENERAL MOTORS BOXWOOD ROAD PLANT, WILMINGTON
Substance Release: VOLITILE ORGANIC COMPOUNDS
Release Duration: Continuous
Est Quantity: Equal to 20.00 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

Pub Notified: NO
Facility Contact: ED RIGUDO
Facility Contact Tele: 302-428-7654
Facility Contact Email: Not reported
Status: Final
Additional Info: RELEASE OF 20 POUNDS OF VOCS. THE PROBLEM HAD CORRECTED ITSELF BY THE TIME THEY REPORTED THE RELEASE

Facility ID: 10000016
Release ID: 12472
Release Date: 2/5/2007 7:00:00 PM
Hazardous: NO
Report Date: 2/5/2007 7:32:00 PM
Release Location: 801 BOXWOOD ROAD, WILMINGTON
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: Continuous
Est Quantity: Less than 10.00 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-463-7934
Facility Contact Email: Not reported
Status: Final
Additional Info: RELEASE WAS NEEDED IN ORDER TO FIX A PROBLEM WITH AN OVEN

Facility ID: 10000016
Release ID: 12690
Release Date: 6/26/2007 7:57:00 PM
Hazardous: NO
Report Date: 6/26/2007 8:17:00 PM
Release Location: 801 BOXWOOD RD., WILMINGTON
Substance Release: Volatile Organic Compounds
Release Duration: Continuous
Est Quantity: Equal to 15.00 POUNDS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-436-7934
Facility Contact Email: Not reported
Status: Final
Additional Info: THE UNIT EXPERIENCED A MALFUNCTION IN THE PAINT AREA AND RELEASED 15 POUNDS OF VOCS.

Facility ID: 10000016
Release ID: 12224
Release Date: 7/12/2006 3:30:00 PM
Hazardous: NO
Report Date: 7/12/2006 4:22:00 PM
Release Location: GM BOXWOOD ROAD PLANT
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: Intermittent

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

Est Quantity: Less than 20.00 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: TOM PERONTI
Facility Contact Tele: 302-463-7934
Facility Contact Email: Not reported
Status: Final
Additional Info: ABATEMENT UNIT WENT DOWN AND RELEASED MIXED VOCS.

Facility ID: 10000016
Release ID: 12079
Release Date: 2/22/2006 7:01:00 AM
Hazardous: NO
Report Date: 2/22/2006 8:56:00 AM
Release Location: Not reported
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: At Least 54 minutes
Est Quantity: Equal to 7.00 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: ABATEMENT UNIT WENT DOWN

Facility ID: 10000016
Release ID: 12248
Release Date: 7/28/2006 12:01:00 AM
Hazardous: NO
Report Date: 7/28/2006 12:38:00 AM
Release Location: 810 BOXWOOD RD
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: At Least 60 minutes
Est Quantity: Equal to 14.00 POUNDS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: A LIGHTNING STRIKE CAUSE A POWER LOSS WHICH LED TO THE RELEASE

Facility ID: 10000016
Release ID: 11609
Release Date: 2/11/2005 7:00:00 AM
Hazardous: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS WILMINGTON PLANT (Continued)

S107445399

Report Date: 2/11/2005 8:18:00 AM
Release Location: GENERAL MOTORS, WILMINGTON, DE
Substance Release: SOOT
Release Duration: At Least 30 minutes
Est Quantity: N/A
Release To: AIR
Health Risk: N/A
Medical Attention: N/A
Prerecomm: None
Pub Notified: NO
Facility Contact: NORMAN CROCKET
Facility Contact Tele: 302-428-7486
Facility Contact Email: Not reported
Status: Final
Additional Info: RELEASE WAS THE RESULT OF A PROBLEM WITH THE BOILER SYSTEM

Facility ID: 10000016
Release ID: 10432
Release Date: 1/17/2003 8:23:00 AM
Hazardous: Not reported
Report Date: 1/17/2003 8:23:00 AM
Release Location: GENERAL MOTORS
Substance Release: Volatile Organic Compounds
Release Duration: At Least 34 minutes
Est Quantity: Equal to 31.63 pounds
Release To: AIR
Health Risk: Unknown
Medical Attention: Unknown
Prerecomm: None
Pub Notified: NO
Facility Contact: John Peronti
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: 31.63 pounds of Volatile Organic Compounds from the Prime Abatement Malfunction System. Back in compliance on 01/17/03 at 08:57

A2 **GM WILMINGTON ASSEMBLY PLANT**
Target **801 BOXWOOD ROAD**
Property **NEWPORT, DE 19804**

TIER 2 **S108342780**
N/A

Site 2 of 8 in cluster A

Actual:
79 ft.

TIER 2:
Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: ANTIFREEZE COOLANT TEXACO
Facility Status: ACTIVE
Is EHS: 0

TIER 2:
Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: CARBON DIOXIDE-AIR MIXTURE
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: DIESEL FUEL OIL #2
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: ARGON, COMPRESSED & LIQUID
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: ACETYLENE
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Chemical: LEAD ACID BATTERIES (SULFURIC ACID)
Facility Status: ACTIVE
Is EHS: 1

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: WINDSHIELD WASHER SOLVENT
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: FUEL OIL #6
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: SULFURIC ACID
Facility Status: ACTIVE
Is EHS: 1

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: SODIUM HYPOCHLORITE 10%
Facility Status: ACTIVE
Is EHS: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: FERRIC CHLORIDE SOLUTION
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: GASOLINE
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: ARCHITECTURAL PAINTS
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: AUTOMOTIVE SEALERS
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: BRAKE FLUID DELCO SUPREME
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: CHEMTREAT BL 1106
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: CHEMTREAT CL 2112
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS ACTICIDE LA BIOCID
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS HYPERSTRIP
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS KLENZIOD CWT 8954
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS MBC-215
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS OMNICOOL 2602
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Chemical: HASCO ASSASSIN 800
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HASCO JUPITER
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HASCO MD NF
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL BONDERITE 958 REPLENISHER
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL FIXODINE Z-8
Facility Status: ACTIVE
Is EHS: 0

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: FREON 22
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: NITRIC ACID (PARCO PURGE 20)
Facility Status: ACTIVE
Is EHS: 1

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL 1523S PARCO CLEANER
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL P3 ECOAT CLEANER 2250
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
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GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL P3 PAINT LINE CLEANER 213C/200
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL PARCOSOL 302/402 & MISC. SOLVENTS
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL PLASTIC CLEANER 2595
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL RIDOLENE 422E
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: JANITORIAL CLEANERS
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: OILS AND LUBES
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: PARCO PURGE 20 & DEOXIDINE A-500
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: QUADRASPERSE CL 4846
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Chemical: SUVA 409
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: WELDING RODS AND MIG WIRE
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: CHEMTREAT BL 1558
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS SLIMICIDE AQ
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: POWER STEERING FLUID
Facility Status: ACTIVE
Is EHS: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: SOLVENT BASED PAINTS
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: WATER BASED PAINTS
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: CHEMTREAT CL 49
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: HYDROGEN (H2)
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS ACTICIDE L30 BIOCID
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HASCO ORCA 160C
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HASCO TAHOE
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL PARCO ADDITIVE 22
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: Not reported
Chemical: OXYGEN, COMPRESSED
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS BARRACUDA 100
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS SNOW WHITE BOOTH COATINGS
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HASCO SHARK 2001
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Chemical: HENKEL 1523R PARCO CLEANER
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: CHEMTREAT BL 122
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: CHEMTREAT CL 4847
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS FILMEX
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS OMNICOOL 3000N
Facility Status: ACTIVE
Is EHS: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS SPECTRUS NX114
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HAAS TERMINATOR 100
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL ACCELERATOR 131
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL PARCO PRIMER 40
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM WILMINGTON ASSEMBLY PLANT (Continued)

S108342780

Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL PRECLEAN 2960
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: SUVA 134A
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

Facility ID: 977
Facility Corporate Name: General Motors - GMVM Wilmington Assembly Plant
CAS Number: N/A
Chemical: HENKEL PARCOLENE 91
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Robert F. Dolan
Owner Operator Phone: 3024287010
Compliance Contact Company: John Peronti
Compliance Contact Phone: 3024287422

**A3
Target
Property**

**GENERAL MOTORS - HYDRAULIC LIFT
801 BOXWOOD ROAD
WILMINGTON, DE**

**LUST S109141503
N/A**

Site 3 of 8 in cluster A

**Actual:
79 ft.**

LUST:
Facility ID: 3-000169
Status: Inactive
Closure: 8/5/1997
Project Number: N9707108

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4
Target
Property
GENERAL MOTORS CORP - WILM ASSEMBLY PLANT
BOXWOOD ROAD
WILMINGTON, DE 19804

SHWS **S104642980**
N/A

Site 4 of 8 in cluster A

Actual:
79 ft.

SHWS:
Facility ID: DE-1149
Program: HSCA

A5
Target
Property
GENERAL MOTORS
801 BOXWOOD RD
WILMINGTON, DE 19804

SPILLS **S108342713**
N/A

Site 5 of 8 in cluster A

Actual:
79 ft.

Facility ID: 1416
Release ID: 13130
Release Date: 6/10/2008 12:09:00 PM
Hazardous: NO
Report Date: 6/10/2008 12:09:00 PM
Release Location: 801 BOXWOOD RD WILMINGTON, DE 19804
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: At Least 0 minutes
Est Quantity: Equal to 1.00 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: RELEASE OF VOC CAUSED BY A PROBLEM WITH A HYDRAULIC PUMP.
PROBLEM BEING CORRECTED.

Facility ID: 1416
Release ID: 13128
Release Date: 6/10/2008 3:30:00 AM
Hazardous: NO
Report Date: 6/10/2008 8:13:00 AM
Release Location: 801 BOXWOOD RD WILMINGTON, DE 19804
Substance Release: REFRIGERANT GAS, N.O.S.
Release Duration: Continuous
Est Quantity: Equal to 150.00 LBS
Release To: AIR
Health Risk: REFRIGERANT GAS, N.O.S. The following chemical information was taken from the CAMEO Chemical database. Vapors may cause dizziness or asphyxiation without warning. Vapors from liquefied gas are initially heavier than air and spread along ground. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite. Fire may produce irritating, corrosive and/or toxic gases. (DOT, 1996)
Medical Attention: REFRIGERANT GAS, N.O.S. The following chemical information was taken from the CAMEO Chemical database. Move victim to fresh air. Call emergency medical care. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Remove and isolate contaminated clothing and shoes. In case of contact with liquefied gas,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS (Continued)

S108342713

thaw frosted parts with lukewarm water. Keep victim warm and quiet. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. (DOT, 1996)

Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: COMPRESSOR PROBLEM CAUSED RELEASE OF R-22. RELEASE HAS BEEN SECURED.

Facility ID: 1416
Release ID: 12728
Release Date: 7/23/2007 3:31:00 PM
Hazardous: NO
Report Date: 7/24/2007 6:50:00 AM
Release Location: 801 BOXWOOD ROADWILMINGTON, DE
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: Continuous
Est Quantity: Equal to 3.50 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: RELEASE OF 3.5 POUNDS OF VOCS FROM FACILITY. RELEASE HAD BEEN CORRECTED AT THE TIME OF THE CALL.

Facility ID: 1416
Release ID: 12951
Release Date: 1/28/2008 10:26:00 AM
Hazardous: NO
Report Date: 1/28/2008 10:26:00 AM
Release Location: 801 BOXWOOD RDWILMINGTON, DE 19804
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: Continuous
Est Quantity: Equal to 3.50 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: RELEASE OF VOCS TO THE ATMOSPHERE CAUSED BY DAMPER TIMER ISSUES. FACILITY IS WORKING TO CORRECT THE PROBLEM.

Facility ID: 1416
Release ID: 12484

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS (Continued)

S108342713

Release Date: 2/12/2007 8:00:00 AM
Hazardous: NO
Report Date: 2/12/2007 8:10:00 AM
Release Location: 801 BOXWOOD RD WILMINGTON, DE
Substance Release: VOLATILE ORGANIC COMPOUNDS
Release Duration: Continuous
Est Quantity: Less than 5.00 LBS
Release To: AIR
Health Risk: none
Medical Attention: none
Prerecomm: None
Pub Notified: NO
Facility Contact: JOHN PERONTI
Facility Contact Tele: 302-428-7422
Facility Contact Email: Not reported
Status: Final
Additional Info: RELEASE FROM AN OVEN AT THE FACILITY DUE TO AN UNKNOWN EQUIPMENT PROBLEM. CREWS ARE WORKING TO CORRECT PROBLEM.

**A6
Target
Property**

**GENERAL MOTORS-SATURN CORPORATION
801 BOXWOOD ROAD
WILMINGTON, DE 19804**

**ENF S107445754
N/A**

Site 6 of 8 in cluster A

**Actual:
79 ft.**

DE ENFORCEMENT:
Business: General Motors Corporation
Address 1: Not reported
Program: Not reported
Violator City: Not reported
Violator State: Not reported
Violator Zip: Not reported
Date Of Violation: Not reported
Date Served: 8/8/2001
Date Discovered: Not reported
Date Corrected: Not reported
V Corrected: Not reported
Act Num: 2001-08862
Contact: Taggart, Robert J
Phone: (302)739-9403
Description: Not reported
Nature: Not reported
Env Issues Comments: Not reported

Details:

V Corrected: Yes
Discovered: 11/10/2004
Impact: Yes
Date Corrected: 5/1/2004
Date Of Violation: 5/1/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A7
Target
Property
GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT
BOXWOOD & DODSON ROADS
WILMINGTON, DE 19899

Site 7 of 8 in cluster A

Actual:
79 ft.

PADS
FINDS
RCRA-LQG
TRIS
RCRA-TSDF
CORRACTS
MANIFEST
MANIFEST
1000138490
19899CPCWLPO

FINDS:

Registry ID: 110000585064

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

US EPA RACT/BACT/LAER Clearinghouse (RBLC) database contains case-specific information on the "Best Available" air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). RACT, or Reasonably Available Control Technology, is required on existing sources in areas that are not meeting national ambient air quality standards. BACT, or Best Available Control Technology, is required on major new or modified sources in clean areas. LAER, or Lowest Achievable Emission Rate, is required on major new or modified sources in non-attainment areas.

RCRA-LQG:

Date form received by agency: 02/24/2006

Facility name: GENERAL MOTORS CORPORATION

Facility address: 801 BOXWOOD RD.
WILMINGTON, DE 198041512

EPA ID: DED002369205

Mailing address: BOXWOOD RD./P.O. BOX 1512
WILMINGTON, DE 198991512

Contact: JEFFREY A HOLMES

Contact address: Not reported
Not reported

Contact country: Not reported

Contact telephone: (302) 428-7421

Contact email: JEFF.HOLMES@GM.COM

EPA Region: 03

Land type: Private

Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

TSD commencement date: Not reported

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Owner/operator name: GENERAL MOTORS CORPORATION
Owner/operator address: BOXWOOD RD.
WILMINGTON, DE 19899
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1947
Owner/Op end date: Not reported

Owner/operator name: GENERAL MOTORS CORPORATION
Owner/operator address: BOXWOOD RD.
WILMINGTON, DE 19899
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1947
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Yes

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Historical Generators:

Date form received by agency: 02/12/2004

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 02/27/2002

Facility name: GENERAL MOTORS CORPORATION

Site name: SATURN WILMINGTON ASSEMBLY PLANT

Classification: Large Quantity Generator

Date form received by agency: 02/29/2000

Facility name: GENERAL MOTORS CORPORATION

Site name: GM WILMINGTON ASSEMBLY PLANT

Classification: Large Quantity Generator

Date form received by agency: 11/15/1999

Facility name: GENERAL MOTORS CORPORATION

Site name: GM WILMINGTON ASSEMBLY PLANT

Classification: Large Quantity Generator

Date form received by agency: 02/27/1998

Facility name: GENERAL MOTORS CORPORATION

Site name: GM ASSEMBLY DIVISION

Classification: Large Quantity Generator

Date form received by agency: 02/20/1996

Facility name: GENERAL MOTORS CORPORATION

Site name: GM ASSEMBLY DIVISION

Classification: Large Quantity Generator

Date form received by agency: 02/28/1994

Facility name: GENERAL MOTORS CORPORATION

Site name: GM BOC WILMINGTON PLANT

Classification: Large Quantity Generator

Date form received by agency: 10/09/1992

Facility name: GENERAL MOTORS CORPORATION

Site name: GM WILMINGTON ASSEMBLY PLANT

Classification: Large Quantity Generator

Date form received by agency: 10/09/1992

Facility name: GENERAL MOTORS CORPORATION

Site name: GM WILMINGTON ASSEMBLY PLANT

Classification: Large Quantity Generator

Date form received by agency: 02/14/1992

Facility name: GENERAL MOTORS CORPORATION

Site name: GM BOC WILMINGTON PLANT

Classification: Large Quantity Generator

Date form received by agency: 01/12/1990

Facility name: GENERAL MOTORS CORPORATION

Site name: GM BOC WILMINGTON PLANT

Classification: Large Quantity Generator

Date form received by agency: 11/19/1980

Facility name: GENERAL MOTORS CORPORATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Site name: GM WILMINGTON ASSEMBLY PLANT
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F002

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F019

Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Waste code: U002

Waste name: ACETONE (I)

Waste code: U154

Waste name: METHANOL (I)

Waste code: U159

Waste name: 2-BUTANONE (I,T)

Waste code: U165

Waste name: NAPHTHALENE

Waste code: U220

Waste name: BENZENE, METHYL-

Waste code: U239

Waste name: BENZENE, DIMETHYL- (I,T)

Biennial Reports:

Last Biennial Reporting Year: 2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 771880

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 38340

Waste code: D008

Waste name: LEAD

Amount (Lbs): 240

Waste code: D009

Waste name: MERCURY

Amount (Lbs): 20

Waste code: D018

Waste name: BENZENE

Amount (Lbs): 720

Waste code: D035

Waste name: METHYL ETHYL KETONE

Amount (Lbs): 52840

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 52840

Corrective Action Summary:

Event date: 06/28/1989

Event: RFA Completed

Event date: 06/28/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Event: Corrective Action Process Terminated

Event date: 12/01/1991

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: TSD IS-Tank System Standards

Date violation determined: 08/17/2006

Date achieved compliance: 05/08/2008

Violation lead agency: EPA

Enforcement action: SINGLE SITE CA/FO

Enforcement action date: 05/08/2008

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: EPA

Proposed penalty amount: Not reported

Final penalty amount: 929

Paid penalty amount: 929

Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 08/17/2006

Date achieved compliance: 05/08/2008

Violation lead agency: EPA

Enforcement action: SINGLE SITE CA/FO

Enforcement action date: 05/08/2008

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: EPA

Proposed penalty amount: Not reported

Final penalty amount: 929

Paid penalty amount: 929

Regulation violated: Not reported

Area of violation: TSD IS-Tank System Standards

Date violation determined: 08/17/2006

Date achieved compliance: Not reported

Violation lead agency: EPA

Enforcement action: INITIAL 3008(A) COMPLIANCE

Enforcement action date: 09/27/2007

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: EPA

Proposed penalty amount: Not reported

Final penalty amount: Not reported

Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: TSD IS-Tank System Standards

Date violation determined: 08/17/2006

Date achieved compliance: 05/08/2008

Violation lead agency: EPA

Enforcement action: INITIAL 3008(A) COMPLIANCE

Enforcement action date: 09/27/2007

Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 08/17/2006
Date achieved compliance: 05/08/2008
Violation lead agency: EPA
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 05/08/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 929
Paid penalty amount: 929

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/17/2006
Date achieved compliance: 05/08/2008
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/27/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 08/17/2006
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/27/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 08/17/2006
Date achieved compliance: 05/08/2008
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/27/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.55
Area of violation: Generators - General
Date violation determined: 06/23/1999
Date achieved compliance: 11/22/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(a)(3)
Area of violation: Generators - Pre-transport
Date violation determined: 05/17/1999
Date achieved compliance: 06/23/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)
Area of violation: Generators - Pre-transport
Date violation determined: 05/17/1999
Date achieved compliance: 06/23/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: Generators - Pre-transport
Date violation determined: 05/17/1999
Date achieved compliance: 11/22/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

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EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.193(e)(1)(iii)
Area of violation: Generators - Pre-transport
Date violation determined: 05/17/1999
Date achieved compliance: 11/22/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(a)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 05/17/1999
Date achieved compliance: 06/23/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173(a)
Area of violation: Generators - Pre-transport
Date violation determined: 05/17/1999
Date achieved compliance: 06/23/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.1085(c)(4)(iv)
Area of violation: Generators - General
Date violation determined: 05/17/1999
Date achieved compliance: 06/23/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
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EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.35
Area of violation: Generators - General
Date violation determined: 05/17/1999
Date achieved compliance: 06/23/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(a)
Area of violation: Generators - Pre-transport
Date violation determined: 05/17/1999
Date achieved compliance: 06/23/1999
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 10/15/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(C)(1)(II)
Area of violation: Generators - Pre-transport
Date violation determined: 05/29/1991
Date achieved compliance: 06/28/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/29/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(A)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 05/29/1991
Date achieved compliance: 06/28/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/29/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
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EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Paid penalty amount: Not reported

Regulation violated: FR - 40CFR268.7(A)(6)
Area of violation: LDR - General
Date violation determined: 05/29/1991
Date achieved compliance: 06/28/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/29/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 11/30/1989
Date achieved compliance: 01/22/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/17/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 11/30/1989
Date achieved compliance: 01/22/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.32(b)
Area of violation: Generators - General
Date violation determined: 04/12/1988
Date achieved compliance: 10/28/1988
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 09/20/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
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EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Regulation violated: SR - 262.34(a)(3)
Area of violation: Generators - General
Date violation determined: 04/12/1988
Date achieved compliance: 10/28/1988
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 09/20/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 102888
Area of violation: Generators - General
Date violation determined: 04/12/1988
Date achieved compliance: 10/28/1988
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 09/20/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.13(b)
Area of violation: Generators - Records/Reporting
Date violation determined: 04/12/1988
Date achieved compliance: 10/28/1988
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 09/20/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.73(b)(i)
Area of violation: Generators - Records/Reporting
Date violation determined: 02/27/1984
Date achieved compliance: 06/15/1984
Violation lead agency: State
Enforcement action: DE LETTER OF WARNING (LOW)
Enforcement action date: 05/15/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.176(a)

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EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Area of violation: Generators - General
Date violation determined: 02/27/1984
Date achieved compliance: 06/15/1984
Violation lead agency: State
Enforcement action: DE LETTER OF WARNING (LOW)
Enforcement action date: 05/15/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(a)(3)
Area of violation: Generators - Pre-transport
Date violation determined: 02/27/1984
Date achieved compliance: 06/15/1984
Violation lead agency: State
Enforcement action: DE LETTER OF WARNING (LOW)
Enforcement action date: 05/15/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/27/2008
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/17/2007
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: TSD IS-Tank System Standards
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 10/11/2006
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 10/11/2006
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/08/2008
Evaluation lead agency: EPA

Evaluation date: 10/11/2006
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD IS-Tank System Standards
Date achieved compliance: Not reported
Evaluation lead agency: EPA

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EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Evaluation date: 08/17/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Tank System Standards
Date achieved compliance: 05/08/2008
Evaluation lead agency: EPA

Evaluation date: 08/17/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/17/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Tank System Standards
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/17/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/08/2008
Evaluation lead agency: EPA

Evaluation date: 08/17/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date achieved compliance: 05/08/2008
Evaluation lead agency: EPA

Evaluation date: 05/17/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/22/1999
Evaluation lead agency: State

Evaluation date: 05/17/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/23/1999
Evaluation lead agency: State

Evaluation date: 05/17/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/22/1999
Evaluation lead agency: State

Evaluation date: 05/17/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/23/1999
Evaluation lead agency: State

Evaluation date: 06/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
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EDR ID Number
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GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/15/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/05/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/08/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 06/28/1991
Evaluation lead agency: State

Evaluation date: 05/08/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/28/1991
Evaluation lead agency: State

Evaluation date: 07/15/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/30/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/22/1990
Evaluation lead agency: State

Evaluation date: 11/30/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 01/22/1990
Evaluation lead agency: State

Evaluation date: 06/21/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/25/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

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EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Evaluation date: 04/12/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/28/1988
Evaluation lead agency: State

Evaluation date: 04/12/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 10/28/1988
Evaluation lead agency: State

Evaluation date: 06/17/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/07/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/27/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/15/1984
Evaluation lead agency: State

Evaluation date: 02/27/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/15/1984
Evaluation lead agency: State

Evaluation date: 02/27/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/15/1984
Evaluation lead agency: State

Evaluation date: 06/08/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CORRACTS:

EPA ID: DED002369205
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 6/28/1989
Action: CA050 - RFA Completed
NAICS Code(s): 336111
Automobile Manufacturing

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GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: DED002369205
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 6/28/1989
Action: CA999 - Corrective Action Process Terminated
NAICS Code(s): 336111
Automobile Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: DED002369205
EPA Region: 03
Area Name: ENTIRE FACILITY
Actual Date: 12/1/1991
Action: CA075LO - CA Prioritization, Facility or area was assigned a low
corrective action priority
NAICS Code(s): 336111
Automobile Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

NJ MANIFEST:

Manifest Code: NJA5112326
EPA ID: DED002369205
Date Shipped: 20060406
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060406
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060406
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 05260621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported

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GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5297866
EPA ID: DED002369205
Date Shipped: 20060216
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060216
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060216
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 03230621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5112325
EPA ID: DED002369205
Date Shipped: 20060505
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
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EDR ID Number
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GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Date Trans1 Transported Waste: 060505
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060505
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 06200622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5294549
EPA ID: DED002369205
Date Shipped: 20060825
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060825
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060825
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 09270621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5114146
EPA ID: DED002369205
Date Shipped: 20060120
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060120
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060120
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 02280621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA4063474
EPA ID: DED002369205
Date Shipped: 20060313
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Date Trans1 Transported Waste: 060313
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060313
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 05030621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5297807
EPA ID: DED002369205
Date Shipped: 20060731
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060731
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060731
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 08280622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: 000578629SKS
EPA ID: DED002369205
Date Shipped: 9/13/2007
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD071629976
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 9/13/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 9/13/2007
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2007 New Jersey Manifest Data
Quantity: 5408
Unit: G
Hand Code: H02

Manifest Code: NJA5297959
EPA ID: DED002369205
Date Shipped: 20060602
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Date Trans1 Transported Waste: 060602
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060602
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 07200622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5298010
EPA ID: DED002369205
Date Shipped: 20060623
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060623
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060623
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 08070621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: 000578628SKS
EPA ID: DED002369205
Date Shipped: 8/21/2007
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 8/21/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 8/21/2007
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2007 New Jersey Manifest Data
Quantity: 5300
Unit: G
Hand Code: H02

Manifest Code: 000651030SKS
EPA ID: DED002369205
Date Shipped: 1/9/2008
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD071629976
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Date Trans1 Transported Waste: 1/9/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 1/9/2008
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2008 New Jersey Manifest Data
Quantity: 2556
Unit: G
Hand Code: H020

Manifest Code: NJA5038345
EPA ID: DED002369205
Date Shipped: 20050630
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050630
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050630
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 07250525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5062589
EPA ID: DED002369205
Date Shipped: 20050914
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD071629976
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050914
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050914
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 10270521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: 000292456SKS
EPA ID: DED002369205
Date Shipped: 7/30/2007
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Date Trans1 Transported Waste: 7/30/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 7/30/2007
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2007 New Jersey Manifest Data
Quantity: 5635
Unit: G
Hand Code: H02

Manifest Code: 000224343SKS
EPA ID: DED002369205
Date Shipped: 7/9/2007
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD071629976
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 7/9/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 7/9/2007
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2007 New Jersey Manifest Data

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Quantity: 5700
Unit: G
Hand Code: H02

Manifest Code: NJA5114294
EPA ID: DED002369205
Date Shipped: 20051216
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051216
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 051216
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 02220621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5065466
EPA ID: DED002369205
Date Shipped: 20050310
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD071629976
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Date Trans1 Transported Waste: 050310
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050310
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 04290525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5114252
EPA ID: DED002369205
Date Shipped: 20051118
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051118
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 051118
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 02140622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5042935
EPA ID: DED002369205
Date Shipped: 20051020
TSDF EPA ID: NJD002182897
Transporter EPA ID: NJD054126164
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051020
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 051020
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 12270525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

NY MANIFEST:

EPA ID: DED002369205
Country: USA
Mailing Name: GENERAL MOTORS CORP
Mailing Contact: GENERAL MOTORS CORP
Mailing Address: PO BOX 1512 BOXWOOD RD
Mailing Address 2: Not reported
Mailing City: WILMINGTON
Mailing State: DE
Mailing Zip: 19899
Mailing Zip4: 0001
Mailing Country: USA
Mailing Phone: 302-428-7000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Document ID: NYB9563544
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 02/10/2005
Trans1 Recv Date: 02/10/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/14/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED002369205
Trans1 EPA ID: T117060TN
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00038
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: Not reported
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB9568602
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 06/15/2005
Trans1 Recv Date: 06/15/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/16/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED002369205
Trans1 EPA ID: T117060TM
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00349
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Year: Not reported
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB9570762
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 08/08/2005
Trans1 Recv Date: 08/08/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/09/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED002369205
Trans1 EPA ID: TR7060TN
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00059
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: Not reported
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB9570816
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 10/17/2005
Trans1 Recv Date: 10/17/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/18/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED002369205
Trans1 EPA ID: T117060TN
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00057
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00601
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 01.00
Waste Code: Not reported
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: Not reported
Year: Not reported
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5910606
Manifest Status: Completed copy
Trans1 State ID: TAG#XP13F
Trans2 State ID: Not reported
Generator Ship Date: 880425
Trans1 Recv Date: 880425
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880426
Part A Recv Date: 880428
Part B Recv Date: 880429
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

TSD ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 04700
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5142636
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: TAG#T15CL
Trans2 State ID: Not reported
Generator Ship Date: 880310
Trans1 Recv Date: 880310
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880310
Part A Recv Date: 880427
Part B Recv Date: 880315
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Document ID: NYA5910552
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C
Trans2 State ID: Not reported
Generator Ship Date: 880414
Trans1 Recv Date: 880414
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880415
Part A Recv Date: 880418
Part B Recv Date: 880419
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5910003
Manifest Status: Completed copy
Trans1 State ID: TAG#TL180
Trans2 State ID: Not reported
Generator Ship Date: 880512
Trans1 Recv Date: 880512
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880513
Part A Recv Date: 880520
Part B Recv Date: 880519
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA7626213
Manifest Status: Completed copy
Trans1 State ID: TAG#T118D
Trans2 State ID: Not reported
Generator Ship Date: 880627
Trans1 Recv Date: 880627
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880628
Part A Recv Date: 880708
Part B Recv Date: 880707
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05400
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5910525
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C
Trans2 State ID: Not reported
Generator Ship Date: 880405
Trans1 Recv Date: 880405

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Trans2 Recv Date: Not reported
TSD Site Recv Date: 880406
Part A Recv Date: 880411
Part B Recv Date: 880412
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5909715
Manifest Status: Completed copy
Trans1 State ID: TAG#XN98K
Trans2 State ID: Not reported
Generator Ship Date: 880504
Trans1 Recv Date: 880504
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880506
Part A Recv Date: 880512
Part B Recv Date: 880512
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5909742
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C
Trans2 State ID: Not reported
Generator Ship Date: 880510
Trans1 Recv Date: 880510
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880511
Part A Recv Date: 880513
Part B Recv Date: 880516
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5910498
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C
Trans2 State ID: Not reported
Generator Ship Date: 880324
Trans1 Recv Date: 880324
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880324
Part A Recv Date: 880331
Part B Recv Date: 880329
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05400
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5909841
Manifest Status: Completed copy
Trans1 State ID: TAG#T118P
Trans2 State ID: Not reported
Generator Ship Date: 880502
Trans1 Recv Date: 880502
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880503
Part A Recv Date: 880509
Part B Recv Date: 880509
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Mgmt Method Type Code: Not reported

Document ID: NYA5910579
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C
Trans2 State ID: Not reported
Generator Ship Date: 880411
Trans1 Recv Date: 880411
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880411
Part A Recv Date: 880415
Part B Recv Date: 880415
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5910615
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C
Trans2 State ID: Not reported
Generator Ship Date: 880421
Trans1 Recv Date: 880421
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880422
Part A Recv Date: 880425
Part B Recv Date: 880428
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5910048
Manifest Status: Completed copy
Trans1 State ID: TAG#T159E
Trans2 State ID: Not reported
Generator Ship Date: 880518
Trans1 Recv Date: 880518
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880518
Part A Recv Date: 880526
Part B Recv Date: 880523
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5909724
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Trans2 State ID: Not reported
Generator Ship Date: 880505
Trans1 Recv Date: 880505
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880505
Part A Recv Date: 880512
Part B Recv Date: 880511
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5910156
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C
Trans2 State ID: Not reported
Generator Ship Date: 880523
Trans1 Recv Date: 880523
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880524
Part A Recv Date: 880526
Part B Recv Date: 880531
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05400
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION NAO WILMINGTON ASSEMBLY PLANT (Continued)

1000138490

Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA5910255
Manifest Status: Completed copy
Trans1 State ID: TAG#T159C
Trans2 State ID: Not reported
Generator Ship Date: 880526
Trans1 Recv Date: 880526
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880527
Part A Recv Date: 880606
Part B Recv Date: 880602
Generator EPA ID: DED002369205
Trans1 EPA ID: NJD067387514
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

[Click this hyperlink](#) while viewing on your computer to access
196 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A8
Target
Property
GENERAL MOTORS CPC CORP
801 BOXWOOD ROAD
WILMINGTON, DE

UST **U003962626**
N/A

Site 8 of 8 in cluster A

Actual:
79 ft.

UST:

Facility ID: 3-000169
Owner Name: General Motors
Owner Address: 801 Boxwood Road
Owner City,St,Zip: Wilmington, DE
Owner Country: US

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 10000
Date Closed: 12/01/1990

9
< 1/8
0.001 mi.
3 ft.
AUTO RAIL SERVICES - 1155 CENTERVILLE RD, WILMINGT
1155 CENTERVILLE ROAD
WILMINGTON, DE 19808

AST **A100264270**
N/A

Relative:
Higher

AST:

Actual:
84 ft.

Facility ID: 10026116
Site Type: Commercial Development
X Coordinate: 182774.06
Y Coordinate: 192095.89999
Latitude: 39.730226999
Longitude: -75.61760200
Mailing Address 1: Not reported
Mailing Address 2: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Facility Address 2: Not reported
Facility Country: US
Facility Phone: Not reported
Facility Fax: Not reported
Air Emissions: Not reported
Waste Water: Not reported
Park: Not reported
Other Recreational Areas: Not reported
Land Developmnt Erosion Cntrl: Not reported
Hazardous Waste: Not reported
Underground Storage Tank: Not reported
Aboveground Storage Tank: Yes
Petroleum Vapor Recovery: Not reported
Landfill: Not reported
Recycling: Not reported
Land Type: Not reported
Facility Description: Not reported
Reference Point: Unknown
Horizontal Method: Unknown
Town: Not reported
Watershed: White Clay Creek
Basin: Piedmont
State House District: 13
Representative: Mitchell Jr, John L
State Senate District: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO RAIL SERVICES - 1155 CENTERVILLE RD, WILMINGT (Continued)

A100264270

Senator: Blevins, Patricia M
School District: Red Clay Consolidated
Quad: WILMINGTON SOUTH
AKA 1: Not reported
AKA 2: Not reported
AKA 3: Not reported
County: New Castle
State Abbreviation: DE

B10 **ANCHOR MOTOR FREIGHT NEWPORT**
95 DODSON ROAD
NEWPORT, DE 19804
< 1/8
0.001 mi.
3 ft.
Site 1 of 3 in cluster B

AST **A100264243**
N/A

Relative: **AST:**
Lower Facility ID: 10023125
Site Type: Commercial Development
Actual: X Coordinate: 183603.76999
78 ft. Y Coordinate: 191785.42000
Latitude: 39.727446999
Longitude: -75.60791600
Mailing Address 1: Not reported
Mailing Address 2: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Facility Address 2: Not reported
Facility Country: US
Facility Phone: Not reported
Facility Fax: Not reported
Air Emissions: Not reported
Waste Water: Not reported
Park: Not reported
Other Recreational Areas: Not reported
Land Developmnt Erosion Cntrl: Not reported
Hazardous Waste: Not reported
Underground Storage Tank: Yes
Aboveground Storage Tank: Yes
Petroleum Vapor Recovery: Not reported
Landfill: Not reported
Recycling: Not reported
Land Type: Not reported
Facility Description: Not reported
Reference Point: Unknown
Horizontal Method: Unknown
Town: Not reported
Watershed: Christina River
Basin: Piedmont
State House District: 13
Representative: Mitchell Jr, John L
State Senate District: 7
Senator: Blevins, Patricia M
School District: Red Clay Consolidated
Quad: WILMINGTON SOUTH
AKA 1: Not reported
AKA 2: Not reported
AKA 3: Not reported
County: New Castle

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANCHOR MOTOR FREIGHT NEWPORT (Continued)

A100264243

State Abbreviation: DE

B11

**ANCHOR MOTOR FREIGHT INC
95 DODSON ROAD
NEWPORT, DE 19804**

**UST U003858635
N/A**

**< 1/8
0.001 mi.
3 ft.**

Site 2 of 3 in cluster B

**Relative:
Lower**

UST:

Facility ID: 3-000541
Owner Name: Anchor Motor Freight
Owner Address: 95 Dodson Road
Owner City,St,Zip: Newport, DE 19804
Owner Country: US

**Actual:
78 ft.**

Tank Status: Removed
Tank Substance: Heating Oil
Tank Capacity: 2000
Date Closed: 04/02/1990

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 4000
Date Closed: 04/02/1990

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 5000
Date Closed: 04/02/1990

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 10000
Date Closed: 04/02/1990

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 4000
Date Closed: 04/02/1990

Tank Status: Removed
Tank Substance: Used Oil
Tank Capacity: 2000
Date Closed: 04/02/1990

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 5000
Date Closed: 04/02/1990

Tank Status: Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANCHOR MOTOR FREIGHT INC (Continued)

U003858635

Tank Substance: Motor Oils
Tank Capacity: 5000
Date Closed: 04/02/1990

Tank Status: Removed
Tank Substance: Heating Oil
Tank Capacity: 2000
Date Closed: 04/02/1990

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 10000
Date Closed: 04/02/1990

B12 **LEASEWAY MOTORCAR TRANSPORT COMPANY**
95 DODSON ROAD
WILMINGTON, DE 19804
Site 3 of 3 in cluster B

FINDS **1000243755**
LUST **DED043565944**
RCRA-NonGen

< 1/8
0.001 mi.
3 ft.

Relative:
Lower

FINDS:

Registry ID: 110002506921

Actual:
78 ft.

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Facility ID: 3-000541
Status: Inactive
Closure: 11/28/1990
Project Number: N8708035

RCRA-NonGen:

Date form received by agency: 06/15/1999
Facility name: LEASEWAY MOTORCAR TRANSPORT COMPANY
Facility address: 95 DODSON ROAD
WILMINGTON, DE 198042020
EPA ID: DED043565944
Contact: RICHARD PARSONS
Contact address: 95 DODSON ROAD
WILMINGTON, DE 198042020
Contact country: US
Contact telephone: (302) 992-9316
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEASEWAY MOTORCAR TRANSPORT COMPANY (Continued)

1000243755

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LEASEWAY TRANSPORTATION CORP
Owner/operator address: ROUTE 10 GREEN HILLS
READING, PA 19603
Owner/operator country: Not reported
Owner/operator telephone: (610) 775-6000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEASEWAY MOTORCAR TRANSPORT COMPANY (Continued)

1000243755

Waste name: BENZENE
Waste code: D039
Waste name: TETRACHLOROETHYLENE
Waste code: D040
Waste name: TRICHLOROETHYLENE
Violation Status: No violations found

C13
< 1/8
0.001 mi.
4 ft.
Relative:
Higher
Actual:
83 ft.

DELAWARE BRICK COMPANY
1114 CENTERVILLE ROAD
NEWPORT, DE 19804
Site 1 of 3 in cluster C

UST **U003962597**
N/A

UST:
Facility ID: 3-000132
Owner Name: Delaware Brick
Owner Address: 1114 Centerville Road
Owner City,St,Zip: Newport, DE 19804
Owner Country: US

Tank Status: **Closed in Place**
Tank Substance: Diesel
Tank Capacity: 5000
Date Closed: 12/22/1988

Tank Status: **Closed in Place**
Tank Substance: Gasoline
Tank Capacity: 2000
Date Closed: 12/22/1988

C14
< 1/8
0.001 mi.
4 ft.
Relative:
Higher
Actual:
83 ft.

DELAWARE BRICK
1114 CENTERVILLE ROAD
NEWPORT, DE
Site 2 of 3 in cluster C

LUST **S106696396**
N/A

LUST:
Facility ID: 3-000132
Status: Inactive
Closure: 6/18/1991
Project Number: N9101006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C15 **DELAWARE BRICK NEWPORT**
1114 CENTERVILLE ROAD
NEWPORT, DE 19804

< 1/8
0.001 mi.
4 ft.

Site 3 of 3 in cluster C

AST **A100327173**
N/A

Relative:
Higher

AST:

Actual:
83 ft.

Facility ID: 10023791
Site Type: Commercial Development
X Coordinate: 182723.36000
Y Coordinate: 192004.75
Latitude: 39.729405
Longitude: -75.61819099
Mailing Address 1: Not reported
Mailing Address 2: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Facility Address 2: Not reported
Facility Country: US
Facility Phone: Not reported
Facility Fax: Not reported
Air Emissions: Not reported
Waste Water: Not reported
Park: Not reported
Other Recreational Areas: Not reported
Land Developmnt Erosion Cntrl: Not reported
Hazardous Waste: Not reported
Underground Storage Tank: Yes
Aboveground Storage Tank: Yes
Petroleum Vapor Recovery: Not reported
Landfill: Not reported
Recycling: Not reported
Land Type: Not reported
Facility Description: Not reported
Reference Point: Unknown
Horizontal Method: Unknown
Town: Not reported
Watershed: White Clay Creek
Basin: Piedmont
State House District: 12
Representative: Hudson, Deborah
State Senate District: 7
Senator: Blevins, Patricia M
School District: Red Clay Consolidated
Quad: WILMINGTON SOUTH
AKA 1: Not reported
AKA 2: Not reported
AKA 3: Not reported
County: New Castle
State Abbreviation: DE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

D16
NW
< 1/8
0.107 mi.
563 ft.

DEALS ON WHEELS
460 CENTURY BLVD
WILMINGTON, DE 19808

Site 1 of 4 in cluster D

RCRA-SQG
FINDS
MANIFEST

1001023430
DER000000463

Relative:
Higher

RCRA-SQG:

Actual:
90 ft.

Date form received by agency: 07/25/1995
Facility name: DEALS ON WHEELS
Facility address: 460 CENTURY BLVD
WILMINGTON, DE 19808
EPA ID: DER000000463
Mailing address: 1220 CENTERVILLE RD
WILMINGTON, DE 19808
Contact: JAN WATKINS
Contact address: 1220 CENTERVILLE RD
WILMINGTON, DE 19808
Contact country: US
Contact telephone: (302) 999-9373
Contact email: Not reported
EPA Region: 03
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: VINCENT AVALLONE
Owner/operator address: 1220 CENTERVILLE RD
WILMINGTON, DE 19808
Owner/operator country: Not reported
Owner/operator telephone: (302) 999-9955
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEALS ON WHEELS (Continued)

1001023430

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D008
Waste name: LEAD

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110002512193

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: DER000000463
Country: USA
Mailing Name: DEALS ON WHEELS
Mailing Contact: GARY C GRAHAM
Mailing Address: 1220 CENTERVILLE ROAD
Mailing Address 2: Not reported
Mailing City: WILMINGTON
Mailing State: DE
Mailing Zip: 19808
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 302-999-9955

Document ID: NYC4119467
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEALS ON WHEELS (Continued)

1001023430

Trans1 State ID: PAYR27814
Trans2 State ID: Not reported
Generator Ship Date: 960830
Trans1 Recv Date: 960830
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960906
Part A Recv Date: Not reported
Part B Recv Date: 960923
Generator EPA ID: DER000000463
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD000708198
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYC4211987
Manifest Status: Completed copy
Trans1 State ID: PAYR27814
Trans2 State ID: Not reported
Generator Ship Date: 961212
Trans1 Recv Date: 961212
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961217
Part A Recv Date: Not reported
Part B Recv Date: 970103
Generator EPA ID: DER000000463
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD000708198
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96
Manifest Tracking Num: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEALS ON WHEELS (Continued)

1001023430

Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

**D17
NW
< 1/8
0.111 mi.
588 ft.**

**FORMER BP STATION
1251 CENTERVILLE ROAD
WILMINGTON, DE**

Site 2 of 4 in cluster D

**LUST S106113545
N/A**

**Relative:
Higher**

LUST:
Facility ID: 3-002249
Status: Inactive
Closure: 10/9/2003
Project Number: N0309056

**Actual:
90 ft.**

**D18
NW
< 1/8
0.111 mi.
588 ft.**

**FORMER BP STATION-WILMINGTON
1251 CENTERVILLE ROAD
WILMINGTON, DE 19808**

Site 3 of 4 in cluster D

**UST U003964099
N/A**

**Relative:
Higher**

UST:
Facility ID: 3-002249
Owner Name: Market Place Company
Owner Address: 390 North Highland Avenue, C/O Alfred A Gilbert
Owner City,St,Zip: Merion Station, PA 19066
Owner Country: US

**Actual:
90 ft.**

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 3000
Date Closed: 07/29/2003

Tank Status: Removed
Tank Substance: Heating Oil
Tank Capacity: 10000
Date Closed: 07/29/2003

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 4000
Date Closed: 07/29/2003

Tank Status: Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BP STATION-WILMINGTON (Continued)

U003964099

Tank Substance: Gasoline
Tank Capacity: 3000
Date Closed: 07/29/2003

Tank Status: Removed
Tank Substance: Used Oil
Tank Capacity: 550
Date Closed: 07/19/2002

Tank Status: Removed
Tank Substance: Heating Oil
Tank Capacity: 550
Date Closed: 07/29/2003

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 4000
Date Closed: 07/29/2003

**D19
NW
< 1/8
0.111 mi.
588 ft.**

**WAL-MART STORE #5436
1251 CENTERVILLE ROAD
WILMINGTON, DE 19808**

RCRA-CESQG

**1008880055
DER000502906**

Site 4 of 4 in cluster D

**Relative:
Higher**

RCRA-CESQG:

**Actual:
90 ft.**

Date form received by agency: 10/18/2005
Facility name: WAL-MART STORE #5436
Facility address: 1251 CENTERVILLE ROAD
WILMINGTON, DE 19808-6240
EPA ID: DER000502906
Mailing address: 702 S.W. 8TH STREET
BENTONVILLE, AR 72716-0500
Contact: BRANDY MCCOOL
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 479-204-2224
Contact email: Not reported
EPA Region: 03
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAL-MART STORE #5436 (Continued)

1008880055

Owner/Operator Summary:

Owner/operator name: WAL-MART STORES EAST, LP
Owner/operator address: 702 S.W. 8TH STREET
BENTONVILLE, AR 72716
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/02/2006
Owner/Op end date: Not reported

Owner/operator name: WAL-MART STORES EAST, LP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/02/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

20
South
< 1/8
0.115 mi.
605 ft.

SIMPSON UNITED METHODIST CHURCH
907 CENTERVILLE ROAD
WILMINGTON, DE 19804

UST **U004053358**
N/A

Relative:
Lower

UST:
Facility ID: 3-002368
Owner Name: Simpson United Methodist Church
Owner Address: 907 Centerville Road
Owner City,St,Zip: Wilmington, DE 19804
Owner Country: US

Actual:
75 ft.

Tank Status: **Removed**
Tank Substance: Heating Oil
Tank Capacity: 1000
Date Closed: 06/15/2006

21
North
< 1/8
0.115 mi.
609 ft.

AGILENT TECHNOLOGIES INC
300 CENTURY BLVD
WILMINGTON, DE 19808

FINDS **1001815847**
RCRA-NonGen **DER000002097**
MANIFEST

Relative:
Higher

FINDS:
Registry ID: 110002513325

Actual:
89 ft.

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:

Date form received by agency: 01/29/2004
Facility name: AGILENT TECHNOLOGIES INC
Facility address: 300 CENTURY BLVD
BOXWOOD SITE
WILMINGTON, DE 19808
EPA ID: DER000002097
Mailing address: 2850 CENTREVILLE RD
WILMINGTON, DE 19808
Contact: JUDY PORTA
Contact address: 2850 CENTREVILLE RD
WILMINGTON, DE 19808
Contact country: US
Contact telephone: (302) 633-8111
Contact email: Not reported
EPA Region: 03
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SETTING PROPERTIES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGILENT TECHNOLOGIES INC (Continued)

1001815847

Owner/operator address: PO BOX 5
MONTCHANIN, DE 19710
Owner/operator country: Not reported
Owner/operator telephone: (302) 888-2200
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 10/26/1999
Facility name: AGILENT TECHNOLOGIES INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGILENT TECHNOLOGIES INC (Continued)

1001815847

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/06/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NJ MANIFEST:

Manifest Code: NJA5074611
EPA ID: DER000002097
Date Shipped: 20040109
TSDf EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 040109
Date Trans2 Transported Waste: 040113
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 040113
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 03080421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGILENT TECHNOLOGIES INC (Continued)

1001815847

Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

E22
North
1/8-1/4
0.131 mi.
694 ft.

MATERIAL SUPPLY INC
510 CENTURY BOULEVARD
WILMINGTON, DE 19808

UST U003357338
N/A

Site 1 of 2 in cluster E

Relative:
Higher

UST:

Facility ID: 3-001687
Owner Name: Material Supply
Owner Address: 255 Airport Road
Owner City,St,Zip: New Castle, DE 19720
Owner Country: US

Actual:
88 ft.

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 6000
Date Closed: 05/17/1996

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 2000
Date Closed: 05/17/1996

Tank Status: Removed
Tank Substance: Heating Oil
Tank Capacity: 2000
Date Closed: 05/17/1996

E23
North
1/8-1/4
0.131 mi.
694 ft.

MATERIAL TRUCKING INCORPORATED
510 CENTURY BOULEVARD
WILMINGTON, DE 19808

FINDS 1000215096
RCRA-NonGen DED004792925

Site 2 of 2 in cluster E

Relative:
Higher

FINDS:

Registry ID: 110005974106

Actual:
88 ft.

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATERIAL TRUCKING INCORPORATED (Continued)

1000215096

RCRA-NonGen:

Date form received by agency: 03/28/1981
Facility name: MATERIAL TRUCKING INC
Facility address: 924 S HEALD ST
WILMINGTON, DE 19801
EPA ID: DED004792925
Contact: WM SAIENNI
Contact address: 924 S HEALD ST
WILMINGTON, DE 19801
Contact country: US
Contact telephone: (302) 658-5181
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: MATERIAL TRUCKING INC
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

24
East
1/8-1/4
0.184 mi.
969 ft.

VINCES GLASS SERVICE
601 BOXWOOD ROAD
NEWPORT, DE 19804

UST U003963674
N/A

Relative:
Higher

UST:

Facility ID: 3-001704
Owner Name: Vincés Glass Service
Owner Address: 601 Boxwood Road
Owner City,St,Zip: Newport, DE 19804
Owner Country: US

Actual:
103 ft.

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 2000
Date Closed: 01/01/1983

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 2000
Date Closed: 01/01/1983

F25
WSW
1/8-1/4
0.210 mi.
1110 ft.

BENCHMARK TRANS
1307 NEWPORT GAP PK
WILMINGTON, DE 19804

RCRA-SQG 1000170947
FINDS DED144195401

Site 1 of 2 in cluster F

Relative:
Lower

RCRA-SQG:

Date form received by agency: 10/21/1986
Facility name: BENCHMARK TRANS
Facility address: 1307 NEWPORT GAP PK
WILMINGTON, DE 19804
EPA ID: DED144195401
Contact: DANTE PRINCIPE
Contact address: 1307 NEWPORT GAP PK
WILMINGTON, DE 19804
Contact country: US
Contact telephone: (302) 999-9400
Contact email: Not reported
EPA Region: 03
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
75 ft.

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENCHMARK TRANS (Continued)

1000170947

Owner/Op end date: Not reported

Owner/operator name: PRINCIPE, DANTE
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999

Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212

Legal status: Private
Owner/Operator Type: Owner

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F004
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENCHMARK TRANS (Continued)

1000170947

ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110002507868

Environmental Interest/Information System

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26
West
1/8-1/4
0.214 mi.
1129 ft.

BRANDYWINE BODY SHOP
1325 NEWPORT GAP PIKE
WILMINGTON, DE 19804

RCRA-SQG
FINDS
MANIFEST
MANIFEST

1000311142
DED981036866

Relative:
Lower

RCRA-SQG:

Date form received by agency: 04/26/1984

Facility name: BRANDYWINE BODY SHOP

Facility address: 1325 NEWPORT GAP PIKE
WILMINGTON, DE 19804

EPA ID: DED981036866

Contact: GARY LOUTH

Contact address: 1325 NEWPORT GAP PIKE
WILMINGTON, DE 19804

Contact country: US

Contact telephone: (302) 998-8435

Contact email: Not reported

EPA Region: 03

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: OPERNAME

Owner/operator address: OPERSTREET
OPERCITY, AK 99999

Owner/operator country: Not reported

Owner/operator telephone: (215) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Owner/operator name: LOUTH, GARY
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110002508144

Environmental Interest/Information System

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NY MANIFEST:

EPA ID: DED981036866
Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Mailing Name: BRANDYWINE BODY SHOP
Mailing Contact: BRANDYWINE BODY SHOP
Mailing Address: 1325 NEWPORT GAP PIKE
Mailing Address 2: Not reported
Mailing City: WILMINGTON
Mailing State: DE
Mailing Zip: 19804
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 302-998-0424

Document ID: NYA9030958
Manifest Status: Completed copy
Trans1 State ID: PA-CZ4094
Trans2 State ID: Not reported
Generator Ship Date: 880909
Trans1 Recv Date: 880909
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880921
Part A Recv Date: 880927
Part B Recv Date: 880927
Generator EPA ID: DED981036866
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NYD980753784
Waste Code: F003 - UNKNOWN
Quantity: 00252
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA8983258
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: PA-CZ4094
Trans2 State ID: Not reported
Generator Ship Date: 880808
Trans1 Recv Date: 880808
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880817
Part A Recv Date: 880926

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Part B Recv Date:	880825
Generator EPA ID:	DED981036866
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F003 - UNKNOWN
Quantity:	00468
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported
Document ID:	NYA9053818
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	PA-CZ4094
Trans2 State ID:	Not reported
Generator Ship Date:	881003
Trans1 Recv Date:	881003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	881011
Part A Recv Date:	881117
Part B Recv Date:	881019
Generator EPA ID:	DED981036866
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F003 - UNKNOWN
Quantity:	00144
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

NJ MANIFEST:

Manifest Code: NJA5267781
EPA ID: DED981036866
Date Shipped: 20060321
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD002454544
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060321
Date Trans2 Transported Waste: 060323
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060323
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 04110621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: 000110675VES
EPA ID: DED981036866
Date Shipped: 9/12/2007
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD002454544
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Date Trans1 Transported Waste: 9/12/2007
Date Trans2 Transported Waste: 9/20/2007
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 9/20/2007
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: F003
Manifest Year: 2007 New Jersey Manifest Data
Quantity: 400
Unit: P
Hand Code: H06

Manifest Code: NJA5007965
EPA ID: DED981036866
Date Shipped: 20040309
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 040309
Date Trans2 Transported Waste: 040326
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 040330
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 04280422
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA4132187
EPA ID: DED981036866
Date Shipped: 20041213
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 041213
Date Trans2 Transported Waste: 041220
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 041220
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 01210522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5269318
EPA ID: DED981036866
Date Shipped: 20060731
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD002454544
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Date Trans1 Transported Waste: 060731
Date Trans2 Transported Waste: 060803
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060803
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 09080621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5268982
EPA ID: DED981036866
Date Shipped: 20051128
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051128
Date Trans2 Transported Waste: 051208
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 051208
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 02170625
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5231860
EPA ID: DED981036866
Date Shipped: 20050225
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050225
Date Trans2 Transported Waste: 050307
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050307
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 04290521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5204138
EPA ID: DED981036866
Date Shipped: 20050606
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD000692061
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Date Trans1 Transported Waste: 050606
Date Trans2 Transported Waste: 050613
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050613
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 07080521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: 000173242VES
EPA ID: DED981036866
Date Shipped: 9/3/2008
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 9/3/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 9/11/2008
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: F003
Manifest Year: 2008 New Jersey Manifest Data

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRANDYWINE BODY SHOP (Continued)

1000311142

Quantity: 400
Unit: P
Hand Code: H061

Manifest Code: 000104600VES
EPA ID: DED981036866
Date Shipped: 1/3/2007
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD002454544
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 1/3/2007
Date Trans2 Transported Waste: 1/4/2007
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 1/4/2007
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: F003
Manifest Year: 2007 New Jersey Manifest Data
Quantity: 800
Unit: P
Hand Code: H06

F27
WSW
1/8-1/4
0.215 mi.
1137 ft.

SAC TIRE CENTER
1321 NEWPORT GAP PK
WILMINGTON, DE 19808

Site 2 of 2 in cluster F

Relative:
Lower

RCRA-SQG:
Date form received by agency: 02/06/1992
Facility name: SAC TIRE CENTER
Facility address: 1321 NEWPORT GAP PK
WILMINGTON, DE 19808
EPA ID: DED984073817
Contact: BOB SWALES
Contact address: 1321 NEWPORT GAP PK

Actual:
77 ft.

RCRA-SQG **1000496446**
FINDS **DED984073817**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAC TIRE CENTER (Continued)

1000496446

WILMINGTON, DE 19808
Contact country: US
Contact telephone: (302) 652-4659
Contact email: Not reported
EPA Region: 03
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: FUSCO ENTERPRIZES
Owner/operator address: PO BOX 665 800 AIRPORT RD
NEW CASTLE, DE 19720
Owner/operator country: Not reported
Owner/operator telephone: (302) 328-6251
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAC TIRE CENTER (Continued)

1000496446

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110002510863

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

G28
WSW
1/8-1/4
0.234 mi.
1234 ft.

DEARNG 198TH REGIMENT ARMORY
1401 NEWPORT GAP PIKE
WILMINGTON, DE 19804

FINDS **1004456754**
RCRA-CESQG **DED984076497**

Site 1 of 7 in cluster G

Relative:
Lower

FINDS:

Registry ID: 110002511746

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Actual:
78 ft.

RCRA-CESQG:

Date form received by agency: 05/26/1993

Facility name: DEARNG 198TH REGIMENT ARMORY

Facility address: 1401 NEWPORT GAP PIKE
WILMINGTON, DE 198042847

EPA ID: DED984076497

Contact: JAMES WATSON

Contact address: 1401 NEWPORT GAP PIKE
WILMINGTON, DE 198042847

Contact country: US

Contact telephone: (302) 324-7175

Contact email: Not reported

EPA Region: 03

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEARNG 198TH REGIMENT ARMORY (Continued)

1004456754

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: DELAWARE ARMY NATIONAL GUARD
Owner/operator address: FIRST REGIMENT RD
WILMINGTON, DE 19808
Owner/operator country: Not reported
Owner/operator telephone: (302) 324-7175
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEARNG 198TH REGIMENT ARMORY (Continued)

1004456754

Violation Status: No violations found

29
NE
1/8-1/4
0.234 mi.
1238 ft.

CSX TRANSPORTATION, INC.
300 TAMARACK AVE
WILMINGTON, DE 19805

FINDS **1004682264**
RCRA-NonGen **DER000003764**

Relative:
Lower

FINDS:

Registry ID: 110002514351

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Actual:
74 ft.

RCRA-NonGen:

Date form received by agency: 11/01/2005
Facility name: CSX TRANSPORTATION, INC.
Facility address: 300 TAMARACK AVE
WILMINGTON, DE 198055051
EPA ID: DER000003764
Mailing address: 500 WATER ST - J275
JACKSONVILLE, AK 32202
Contact: TONY C BELLAMY
Contact address: 500 WATER ST - J275
JACKSONVILLE, FL 32202
Contact country: US
Contact telephone: 904-359-3691
Contact email: TONY_BELLAMY@CSX.COM
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CSX TRANSPORTATION, INC.
Owner/operator address: 500 WATER STREET, J-275
JACKSONVILLE, FL 32202
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1990
Owner/Op end date: Not reported

Owner/operator name: CSX TRANSPORTATION INC
Owner/operator address: 500 WATER ST - J340
JACKSONVILLE, FL 32202
Owner/operator country: Not reported
Owner/operator telephone: (904) 359-4800
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CSX TRANSPORTATION, INC. (Continued)

1004682264

Owner/Op end date: Not reported

Owner/operator name: CSX TRANSPORTATION, INC.
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1990
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 09/20/2002
Facility name: CSX TRANSPORTATION, INC.
Site name: CSX TRANSPORTATION
Classification: Not a generator, verified

Date form received by agency: 06/29/2000
Facility name: CSX TRANSPORTATION, INC.
Site name: CSX TRANSPORTATION
Classification: Small Quantity Generator

Violation Status: No violations found

G30
WSW
1/8-1/4
0.238 mi.
1256 ft.

STERN ARMORY
1418 NEWPORT GAP PIKE
NEWPORT, DE

Site 2 of 7 in cluster G

UST **U003367508**
N/A

Relative:
Higher

UST:
Facility ID: 3-000982
Owner Name: DEARNG Army National Guard
Owner Address: First Regiment Road
Owner City, St, Zip: Wilmington, DE 19808
Owner Country: US

Actual:
82 ft.

Tank Status: **Removed**
Tank Substance: Heating Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STERN ARMORY (Continued)

U003367508

Tank Capacity: 6000
Date Closed: 03/29/2001

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 2000
Date Closed: 10/07/1991

Tank Status: Removed
Tank Substance: Used Oil
Tank Capacity: 550
Date Closed: 10/07/1991

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 3000
Date Closed: 10/07/1991

Tank Status: Removed
Tank Substance: Used Oil
Tank Capacity: 550
Date Closed: 10/07/1991

G31
WSW
1/8-1/4
0.238 mi.
1256 ft.

DE ARNG OMS 01
1418 NEWPORT GAP PIKE
WILMINGTON, DE 19804

FINDS **1004681951**
RCRA-CESQG **DED982572505**

Site 3 of 7 in cluster G

Relative:
Higher

FINDS:

Registry ID: 110002508634

Actual:
82 ft.

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-CESQG:

Date form received by agency: 09/01/1988

Facility name: DE ARNG OMS 01
Facility address: 1418 NEWPORT GAP PIKE
WILMINGTON, DE 198042847

EPA ID: DED982572505
Contact: ALBERT WILSON
Contact address: 1418 NEWPORT GAP PIKE
WILMINGTON, DE 198042847

Contact country: US
Contact telephone: (302) 324-7142

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DE ARNG OMS 01 (Continued)

1004681951

Contact email: Not reported
EPA Region: 03
Land type: State
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DE ARMY NATL GUARD
Owner/operator address: FIRST REGIMENT RD
WILMINGTON, DE 19808
Owner/operator country: Not reported
Owner/operator telephone: (302) 324-7023
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. Importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DE ARNG OMS 01 (Continued)

1004681951

Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:

Regulation violated: SR - 262.11
Area of violation: Generators - General
Date violation determined: 10/20/2005
Date achieved compliance: 10/20/2005
Violation lead agency: State
Enforcement action: DE NOTICE OF VIOLATION (NOV)
Enforcement action date: 12/08/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/20/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 10/20/2005
Evaluation lead agency: State

G32
WSW
1/8-1/4
0.238 mi.
1256 ft.

DEARNG ARMY NATIONAL GUARD
1418 NEWPORT GAP PIKE
NEWPORT, DE

UST U003962972
N/A

Site 4 of 7 in cluster G

Relative:
Higher

UST:
Facility ID: 3-000731
Owner Name: DEARNG Army National Guard
Owner Address: First Regiment Road
Owner City,St,Zip: Wilmington, DE 19808
Owner Country: US

Actual:
82 ft.

Tank Status: Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEARNG ARMY NATIONAL GUARD (Continued)

U003962972

Tank Substance: Used Oil
Tank Capacity: 550
Date Closed: 09/30/1991

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 2000
Date Closed: 09/30/1991

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 3000
Date Closed: 09/27/1991

Tank Status: Closed in Place
Tank Substance: Used Oil
Tank Capacity: 550
Date Closed: 09/30/1991

G33 **ARMY NAT. GD.,NEWPORT GAP PIKE**
WSW **1418 NEWPORT GAP PIKE**
1/8-1/4 **NEWPORT, DE**
0.238 mi.
1256 ft. **Site 5 of 7 in cluster G**

LUST **1000160475**
N/A

Relative: **LUST:**
Higher Facility ID: 3-000731
Status: Inactive
Actual: **Closure: 8/30/1993**
82 ft. Project Number: N9110254

G34 **DE ARMY NAT GD STERN ARMORY**
WSW **1418 NEWPORT GAP PIKE**
1/8-1/4 **NEWPORT, DE**
0.238 mi.
1256 ft. **Site 6 of 7 in cluster G**

LUST **S105063574**
N/A

Relative: **LUST:**
Higher Facility ID: 3-000982
Status: Inactive
Actual: **Closure: 6/15/2001**
82 ft. Project Number: N0106051

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G35
WSW
1/8-1/4
0.238 mi.
1259 ft.
DELAWARE ARMY NATIONAL GUARD - 1418 NEWPORT GAP PI
1418 NEWPORT GAP PIKE
NEWPORT, DE 19804
Site 7 of 7 in cluster G

AST **A100327180**
N/A

Relative:
Higher

AST:

Actual:
82 ft.

Facility ID: 10024370
Site Type: National Guard Base
X Coordinate: Not reported
Y Coordinate: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Address 1: Not reported
Mailing Address 2: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Facility Address 2: Not reported
Facility Country: US
Facility Phone: Not reported
Facility Fax: Not reported
Air Emissions: Not reported
Waste Water: Not reported
Park: Not reported
Other Recreational Areas: Not reported
Land Developmnt Erosion Cntrl: Not reported
Hazardous Waste: Not reported
Underground Storage Tank: Yes
Aboveground Storage Tank: Yes
Petroleum Vapor Recovery: Not reported
Landfill: Not reported
Recycling: Not reported
Land Type: Not reported
Facility Description: Not reported
Reference Point: Not reported
Horizontal Method: Not reported
Town: Not reported
Watershed: Not reported
Basin: Not reported
State House District: Not reported
Representative: Not reported
State Senate District: Not reported
Senator: Not reported
School District: Not reported
Quad: Not reported
AKA 1: Not reported
AKA 2: Not reported
AKA 3: Not reported
County: Not reported
State Abbreviation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

36
North
1/4-1/2
0.286 mi.
1510 ft.

101 BEECH STREET SITE
101 BEECH STREET
WILMINGTON, DE 19805

SHWS
INST CONTROL **S107471560**
N/A

Relative:
Lower

SHWS:
Facility ID: DE-1364
Program: HSCA

Actual:
78 ft.

DE INST CONTROL:

Facility ID: DE-1364
Site Type: HSCA
Deed Restriction Date: 06/19/2006

Restrictions: a. Use Restrictions. Use of the Property shall be restricted solely to those non-residential type uses that are permitted within Commercial (other than day care centers), Manufacturing, or Industrial Districts, respectively, as such district types and uses (including, without limitation, ancillary or accessory uses) are described and permitted, respectively, pursuant to the Zoning Code of the City of Wilmington, set forth in Chapter 48 of the Wilmington City Code, in effect as of the date of this Declaration. In addition, the areas on the Property designated by shading and marked as Area 1, Area 2, Area 3 (two separate locations are designated as Area 3), and Area 4 on the drawing marked as Exhibit B to the Environmental Covenant (Capped Areas) shall continue to be covered either with structures or a paved surface. b. Interference with Remedy. There shall be no digging, drilling, excavating, grading, construction, earth moving, or any other land disturbing activities on the Property, (including without limitation demolition of existing buildings or parking lots, or land-disturbing activities that require excavation of the Capped Areas) without prior written approval by DNREC. Any such approval shall include, in addition to any other conditions, a Materials Management Plan. In the case of proposed construction of any new buildings or structures located in the areas designated on Exhibit C to the Environmental Covenant as a Potential Area of Vapor intrusion Soil or Potential Area of Vapor intrusion Groundwater , any such approval further shall include an evaluation of the potential for vapor intrusion into any such building or structure. c. Limitation of Groundwater Withdrawal. No groundwater wells shall be installed, and no groundwater shall be withdrawn from any well, on the Property without the prior written approval of DNREC-SIRB; provided that no such approval shall be required prior to performing the annual groundwater monitoring required by section d., below; and d. Compliance with Operations and Maintenance Plan. Perform all work required by the Operation and Maintenance Plan (O&M Plan), as issued, approved, modified or amended by DNREC.

37
West
1/4-1/2
0.305 mi.
1610 ft.

MATERIAL SUPPLY
1600 NEWPORT GAP PIKE
WILMINGTON, DE

LUST
AST **S106696623**
TIER 2 **N/A**

Relative:
Higher

LUST:
Facility ID: 3-000901
Status: Inactive
Closure: 4/24/2000
Project Number: N9903066

Actual:
80 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATERIAL SUPPLY (Continued)

S106696623

Facility ID: 3-000901
Status: Inactive
Closure: 11/7/1996
Project Number: N9606118

AST:

Facility ID: 10024525
Site Type: Commercial Development
X Coordinate: 184640.23999
Y Coordinate: 192049.20999
Latitude: 39.729841999
Longitude: -75.59583299
Mailing Address 1: Not reported
Mailing Address 2: Not reported
Mailing City,St,Zip: Not reported
Mailing Country: Not reported
Facility Address 2: Not reported
Facility Country: US
Facility Phone: (302) 998-8888
Facility Fax: (302) 998-8930
Air Emissions: Yes
Waste Water: Not reported
Park: Not reported
Other Recreational Areas: Not reported
Land Developmnt Erosion Cntrl: Not reported
Hazardous Waste: Not reported
Underground Storage Tank: Yes
Aboveground Storage Tank: Yes
Petroleum Vapor Recovery: Not reported
Landfill: Not reported
Recycling: Not reported
Land Type: Private
Facility Description: batck concrete plant
Reference Point: Unknown
Horizontal Method: Client Supplied-Method Unknown
Town: Not reported
Watershed: Christina River
Basin: Piedmont
State House District: 13
Representative: Mitchell Jr, John L
State Senate District: 7
Senator: Blevins, Patricia M
School District: Red Clay Consolidated
Quad: WILMINGTON SOUTH
AKA 1: Not reported
AKA 2: Not reported
AKA 3: Not reported
County: New Castle
State Abbreviation: DE

TIER 2:

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: 64742-65-0
Chemical: HYDRAULIC OIL
Facility Status: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATERIAL SUPPLY (Continued)

S106696623

Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: SIKAMENT AFM
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: DIESEL FUEL
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: Not reported
Chemical: PORTLAND CEMENT
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: PLASTIMENT LIQUID (CONCRETE RETARDER)
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATERIAL SUPPLY (Continued)

S106696623

Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: PLASTOCRETE 161FL
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: CNI (CORROSIVE INHIBITOR)
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: SIKA AEA-14(ENTRAINMENT FOR CONCRETE)
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: SIKAMENT 686 (CONCRETE PLASTISIZER)
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATERIAL SUPPLY (Continued)

S106696623

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: RAPID (CONCRETE ACCELERATOR)
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: 64742-54-7
Chemical: MOTOR OIL
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: N/A
Chemical: PLASTOCRETE 161HE
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Facility ID: 1346
Facility Corporate Name: Newark Concrete LLC
CAS Number: n/a
Chemical: HEATING OIL - FUEL
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: Matt Petrillo
Owner Operator Phone: 3029988150
Compliance Contact Company: MATT PETRILLO
Compliance Contact Phone: 3029988150

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

38
NE
1/4-1/2
0.330 mi.
1743 ft.

GLOBE BEVERAGE
240 LOCUST AVENUE
WILMINGTON, DE 19805

LUST **U003963188**
UST **N/A**

Relative:
Higher

LUST:

Facility ID: 3-001055
Status: Inactive
Closure: 10/15/1991
Project Number: N9010080

Actual:
79 ft.

UST:

Facility ID: 3-001055
Owner Name: Dinunno, Anthony
Owner Address: 240 Locust Avenue
Owner City,St,Zip: Wilmington, DE 19805
Owner Country: US

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 1000
Date Closed: 04/15/1990

H39
SW
1/4-1/2
0.371 mi.
1959 ft.

ABSALOM JONES COMMUNITY CENTER
310 KIAMENSI ROAD
NEWPORT, DE 19804

LUST **U003962995**
UST **N/A**

Site 1 of 2 in cluster H

Relative:
Lower

LUST:

Facility ID: 3-000773
Status: Inactive
Closure: 5/4/1995
Project Number: N9505099

Actual:
69 ft.

UST:

Facility ID: 3-000773
Owner Name: New Castle County
Owner Address: 800 French Street
Owner City,St,Zip: Wilmington, DE 19801
Owner Country: US

Tank Status: Removed
Tank Substance: Heating Oil
Tank Capacity: 6000
Date Closed: 03/23/1995

Tank Status: Removed
Tank Substance: Heating Oil
Tank Capacity: 10000
Date Closed: 03/23/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H40
SW
1/4-1/2
0.371 mi.
1959 ft.
PROPERTY OF MYRTLE WILLIAMS
311 KIAMENSI ROAD
NEWPORT, DE
Site 2 of 2 in cluster H

LUST **S105708288**
N/A

Relative: **LUST:**
Lower Facility ID: 3-001496
Status: Inactive
Actual: **Closure:** **9/25/1995**
69 ft. Project Number: N9404082

41
WSW
1/4-1/2
0.416 mi.
2195 ft.
COMMUNITY HOUSING, MANLOVE LANE
MAPLE AVENUE / KIAMENSI ROAD
NEWPORT, DE

LUST **S106529930**
N/A

Relative: **LUST:**
Lower Facility ID: 3-002019
Status: Inactive
Actual: **Closure:** **4/10/1993**
61 ft. Project Number: N9303041

Facility ID: 3-002019
Status: Inactive
Closure: **12/1/1999**
Project Number: N9911251

42
WNW
1/4-1/2
0.428 mi.
2259 ft.
HOLLINGSWORTH PROP.-PUMP.ISL.
3410 OLD CAPITOL TRAIL
WILMINGTON, DE

SHWS **S105707973**
LUST **N/A**

Relative: **SHWS:**
Higher Facility ID: DE-1154
Program: HSCA

Actual:
83 ft.
LUST:
Facility ID: 3-000279
Status: Cross-Referenced
Closure: **10/1/1998**
Project Number: N9402042

Facility ID: 3-000279
Status: Inactive
Closure: **Not reported**
Project Number: N0607079

Facility ID: 3-000279
Status: Inactive
Closure: **4/29/2002**
Project Number: N9402037

Facility ID: 3-000279
Status: Inactive
Closure: **9/30/2005**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOLLINGSWORTH PROP.-PUMP.ISL. (Continued)

S105707973

Project Number: N9402041

Facility ID: 3-000279
Status: Cross-Referenced
Closure: 10/1/1998
Project Number: N9402038

Facility ID: 3-000279
Status: Cross-Referenced
Closure: 10/1/1998
Project Number: N9402039

Facility ID: 3-000279
Status: Cross-Referenced
Closure: 10/1/1998
Project Number: N9402040

43
North
1/4-1/2
0.445 mi.
2350 ft.

TONI DRY CLEANERS - 1606 KIRKWOOD HWY, ELSMERE
1606 KIRKWOOD HIGHWAY
ELSMERE, DE 19805

SHWS
DRYCLEANERS
AIRS

S102411365
N/A

Relative:
Higher

Actual:
80 ft.

SHWS:
Facility ID: DE-1005
Program: HSCA

Facility Id: 10056072
Town: Not reported
State Abbreviation: DE
Site Type: Dry Cleaner
Land Type: Not reported
Fac Desc: DRY CLEANING FACILITY
X Corrdinate: 183788
Y Corrdinate: 192996
Reference Pt: Unknown
Horizontal Method: Unknown
Loc Comment: Not reported
Latitude: 39.738354000000001
Longitude: -75.605791999999994
Watershed: Christina River
Basin: Piedmont
State House District: 13
Representative: Mitchell Jr, John L
State Senate District: 7
Senator: Blevins, Patricia M
School District: Red Clay Consolidated
Quad: WILMINGTON SOUTH
AKA 1: Not reported
Mailing Address 1: 1606 Kirkwood Highway
Mailing Address 2: Not reported
Mailing City: Elsmere
Mailing State Abv: DE
Mailing Country Abv: US
Mailing Postal Code: 19805
Street Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TONI DRY CLEANERS - 1606 KIRKWOOD HWY, ELSMERE (Continued)

S102411365

Street Country Abv: US
Facility Phone: Not reported
Facility Fax: Not reported
Air Emissions: Yes
Hazardous Waste: Yes
Underground Storage Tank: Not reported
Above Ground Storage Tanks: Not reported

AIRS:

Facility Id: 10056072
Facility Type: Dry Cleaner
Land Type: Not reported
Facility Description: DRY CLEANING FACILITY
X Coordinate: 183788
Y Coordinate: 192996
Reference Point: Unknown
Horizontal Method: Unknown
Latitude: 39.738354000
Longitude: -75.60579199
Watershed: Christina River
Basin: Piedmont
State House District: 13
Representative: Mitchell Jr, John L
State Senate District: 7
Senator: Blevins, Patricia M
School District: Red Clay Consolidated
Quad: WILMINGTON SOUTH
Aka: Not reported
Mailing Address 1: 1606 Kirkwood Highway
Mailing City,St,Zip: Elsmere, DE 19805
Mailing Country: US
Street Country Abbreviation: US
Facility Phone: Not reported
Facility Fax: Not reported
Air Emissions: Yes
Waste Water: Not reported
Playground: Not reported
Land Development Erosion Control: Not reported
Hazardous Waste: Yes
Underground Storage Tank: Not reported
Aboveground Storage Tanks: Not reported
Nontank Related Petroleum Impact: Not reported
Petroleum Vapor Recovery: Not reported
Landfill: Not reported
Recycling: Not reported
Infectious Waste: Not reported
Remediation Site RCRA: Not reported
State Abbreviation: DE
Town: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

44
North
1/4-1/2
0.445 mi.
2351 ft.

MEINEKE MUFFLER
1512 KIRKWOOD HIGHWAY
WILMINGTON, DE

LUST **S105708045**
SPILLS **N/A**

Relative:
Lower

LUST:

Facility ID: 3-000664
Status: Inactive
Closure: 6/13/1996
Project Number: N9605099

Actual:
78 ft.

Facility ID: 1470
Release ID: 12546
Release Date: 3/22/2007 11:31:00 AM
Hazardous: NO
Report Date: 3/22/2007 11:31:00 AM
Release Location: 1512 KIRKWOOD HIGHWAY
Substance Release: OIL, [MOTOR]
Release Duration: Continuous
Est Quantity: Less than 1.00 GALLON
Release To: GROUND
Health Risk: OIL, [MOTOR]The following chemical information was taken from the CAMEO Chemical database.INGESTION: minimal gastrointestinal irritation; increased frequency of bowel passage may occur. ASPIRATION: pulmonary irritation is normally minimal but may become more severe several hours after exposure. (USCG, 1999)
Medical Attention: OIL, [MOTOR]The following chemical information was taken from the CAMEO Chemical database.INGESTION: do NOT lavage or induce vomiting. ASPIRATION: treatment probably not required; delayed development of pulmonary irritation can be detected by serial chest x-rays. EYES: wash with copious amounts of water. SKIN: wipe off oil and wash with soap and water. (USCG, 1999)
Prerecomm: None
Pub Notified: NO
Facility Contact: TED CHAPMAN
Facility Contact Tele: 302-995-2020
Facility Contact Email: Not reported
Status: Final
Additional Info: SMALL SPILL IN THE AREA OF WASTE OIL TANK. CLEAN UP DONE.

45
North
1/4-1/2
0.448 mi.
2366 ft.

KAYO OIL COMPANY CONOCO, ELSM.
1500 KIRKWOOD HIGHWAY
WILMINGTON, DE

LUST **S103925800**
N/A

Relative:
Higher

LUST:

Facility ID: 3-000249
Status: Inactive
Closure: 8/14/2002
Project Number: N8303009

Actual:
82 ft.

Facility ID: 3-000249
Status: Inactive
Closure: 3/14/2007
Project Number: N0409108

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

46
North
1/4-1/2
0.452 mi.
2388 ft.

STATE STORES INC/ ASIA FOOD
2110 KIRKWOOD HIGHWAY
WILMINGTON, DE

LUST **S105708039**
N/A

Relative:
Higher

LUST:
Facility ID: 3-000639
Status: Inactive
Closure: 4/11/1990
Project Number: N8910273

Actual:
93 ft.

47
North
1/4-1/2
0.456 mi.
2406 ft.

VA MEDICAL CENTER
1601 KIRKWOOD HWY
WILMINGTON, DE 19805

RCRA-SQG **1000297275**
LUST **DE6360010353**
ENF
FTTS
AIRS
TIER 2
HIST FTTS
MANIFEST
MANIFEST

Relative:
Higher

Actual:
79 ft.

RCRA-SQG:
Date form received by agency: 07/02/1986
Facility name: VA MEDICAL CENTER
Facility address: 1601 KIRKWOOD HWY
WILMINGTON, DE 19805
EPA ID: DE6360010353
Contact: E_B WILLIAMSON
Contact address: 1601 KIRKWOOD HWY
WILMINGTON, DE 19805
Contact country: US
Contact telephone: (302) 994-2511
Contact email: Not reported
EPA Region: 03
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: VETERANS ADMINISTRATION
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P012
Waste name: ARSENIC OXIDE AS2O3

Waste code: P023
Waste name: ACETALDEHYDE, CHLORO-

Waste code: P028
Waste name: BENZENE, (CHLOROMETHYL)-

Waste code: P041
Waste name: DIETHYL-P-NITROPHENYL PHOSPHATE

Waste code: P098
Waste name: POTASSIUM CYANIDE

Waste code: P105
Waste name: SODIUM AZIDE

Waste code: U001
Waste name: ACETALDEHYDE (I)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Waste code:	U021
Waste name:	BENZIDINE
Waste code:	U031
Waste name:	1-BUTANOL (I)
Waste code:	U032
Waste name:	CALCIUM CHROMATE
Waste code:	U044
Waste name:	CHLOROFORM
Waste code:	U060
Waste name:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO-
Waste code:	U079
Waste name:	1,2-DICHLOROETHYLENE
Waste code:	U092
Waste name:	DIMETHYLAMINE (I)
Waste code:	U122
Waste name:	FORMALDEHYDE
Waste code:	U144
Waste name:	ACETIC ACID, LEAD(2+) SALT
Waste code:	U151
Waste name:	MERCURY
Waste code:	U154
Waste name:	METHANOL (I)

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - Pre-transport
Date violation determined:	05/23/2006
Date achieved compliance:	06/29/2007
Violation lead agency:	EPA
Enforcement action:	SINGLE SITE CA/FO
Enforcement action date:	03/26/2008
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	EPA
Proposed penalty amount:	Not reported
Final penalty amount:	6380
Paid penalty amount:	Not reported
Regulation violated:	Not reported
Area of violation:	Universal Waste - Small Quantity Handlers
Date violation determined:	05/23/2006
Date achieved compliance:	Not reported
Violation lead agency:	EPA
Enforcement action:	Not reported
Enforcement action date:	Not reported
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/23/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 05/23/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/29/2007
Evaluation lead agency: EPA

LUST:

Facility ID: 3-000555
Status: Inactive
Closure: 3/24/1999
Project Number: N8812075

DE ENFORCEMENT:

Business: hospital services
Address 1: 1601 Kirkwood Highway
Program: Not reported
Violator City: Wilmington
Violator State: DE
Violator Zip: 19808
Date Of Violation: Not reported
Date Served: 4/5/2002
Date Discovered: Not reported
Date Corrected: Not reported
V Corrected: Not reported
Act Num: Not reported
Contact: Robert J. Taggart
Phone: 3023234542
Description: Not reported
Nature: Not reported
Env Issues Comments: Not reported

Details:

V Corrected: Yes
Discovered: 7/20/2005
Impact: No
Date Corrected: 7/29/2005
Date Of Violation: 7/20/2005

Business: Veterans Administration Hospital
Address 1: Not reported
Program: Not reported
Violator City: Not reported
Violator State: Not reported
Violator Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Date Of Violation: Not reported
Date Served: 4/11/2002
Date Discovered: Not reported
Date Corrected: Not reported
V Corrected: Not reported
Act Num: 2002-09303
Contact: Taggart, Robert J
Phone: (302)739-9403
Description: Not reported
Nature: Not reported
Env Issues Comments: Not reported

Details:

V Corrected: No
Discovered: 9/7/2005
Impact: No
Date Corrected: Not reported
Date Of Violation: 9/7/2005

Business: Veterans Administration Hospital
Address 1: 1601 Kirkwood Highway
Program: Not reported
Violator City: Wilmington
Violator State: DE
Violator Zip: Not reported
Date Of Violation: Not reported
Date Served: 4/12/2004
Date Discovered: Not reported
Date Corrected: Not reported
V Corrected: Not reported
Act Num: 2004-10279
Contact: Taggart, Robert J
Phone: (302)739-9403
Description: Not reported
Nature: Not reported
Env Issues Comments: Not reported

Details:

V Corrected: Yes
Discovered: 9/12/2006
Impact: Unknown
Date Corrected: 10/25/2006
Date Of Violation: 9/12/2006

FTTS INSP:

Inspection Number: 19970429R3005 1
Region: 03
Inspection Date: 04/29/97
Inspector: BOYER
Violation occurred: No
Investigation Type: Section 6 Asbestos SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

Inspection Number: 19970429R3005 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Region: 03
Inspection Date: 04/29/97
Inspector: BOYER
Violation occurred: No
Investigation Type: Section 6 Asbestos SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

Inspection Number: 19970429R3005 2
Region: 03
Inspection Date: 04/29/97
Inspector: BOYER
Violation occurred: No
Investigation Type: Asbestos, NESHAPS
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

AIRS:

Facility Id: 10001034
Facility Type: Medical Facility
Land Type: Not reported
Facility Description: general medical & surgical
X Coordinate: Not reported
Y Coordinate: Not reported
Reference Point: Not reported
Horizontal Method: Not reported
Latitude: Not reported
Longitude: Not reported
Watershed: Not reported
Basin: Not reported
State House District: Not reported
Representative: Not reported
State Senate District: Not reported
Senator: Not reported
School District: Not reported
Quad: Not reported
Aka: Not reported
Mailing Address 1: 1601 Kirkwood Highway
Mailing City,St,Zip: Wilmington, DE 19805
Mailing Country: US
Street Country Abbreviation: US
Facility Phone: (302) 633-5270
Facility Fax: (302) 633-5475
Air Emissions: Yes
Waste Water: Not reported
Playground: Not reported
Land Development Erosion Control: Not reported
Hazardous Waste: Yes
Underground Storage Tank: Yes
Aboveground Storage Tanks: Yes
Nontank Related Petroleum Impact: Not reported
Petroleum Vapor Recovery: Not reported
Landfill: Not reported
Recycling: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Infectious Waste: Not reported
Remediation Site RCRA: Not reported
State Abbreviation: Not reported
Town: Not reported

TIER 2:

Facility ID: 1881
Facility Corporate Name: AT&T MOBILITY LLC
CAS Number: N/A
Chemical: LEAD ACID BATTERIES
Facility Status: ACTIVE
Is EHS: 0

TIER 2:

Owner Operator Name: AT&T MOBILITYLLC
Owner Operator Phone: 4255804815
Compliance Contact Company: Kathryn Carter
Compliance Contact Phone: 4255801548

HIST FTTS INSP:

Inspection Number: 19970429R3005 1
Region: 03
Inspection Date: Not reported
Inspector: BOYER
Violation occurred: No
Investigation Type: Section 6 Asbestos SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

Inspection Number: 19970429R3005 3
Region: 03
Inspection Date: Not reported
Inspector: BOYER
Violation occurred: No
Investigation Type: Section 6 Asbestos SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

Inspection Number: 19970429R3005 2
Region: 03
Inspection Date: Not reported
Inspector: BOYER
Violation occurred: No
Investigation Type: Asbestos, NESHAPS
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

NJ MANIFEST:

Manifest Code: NJA5313803
EPA ID: DE6360010353
Date Shipped: 20060308

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060308
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060308
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 05010621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5313804
EPA ID: DE6360010353
Date Shipped: 20060308
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 060308
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 060308
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 05010621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5241110
EPA ID: DE6360010353
Date Shipped: 20051019
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051019
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 051019
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 12270525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5259006
EPA ID: DE6360010353
Date Shipped: 20050531

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050531
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050531
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 07270525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5259007
EPA ID: DE6360010353
Date Shipped: 20050531
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050531
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050531
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 07130521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5241111
EPA ID: DE6360010353
Date Shipped: 20051019
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051019
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 051019
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 12270525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5259008
EPA ID: DE6360010353
Date Shipped: 20050531

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050531
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050531
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 07130521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5241112
EPA ID: DE6360010353
Date Shipped: 20051019
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051019
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 051019
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 12270525
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

PA MANIFEST:

Manifest Number: 000230219FLE
Manifest Type: Not reported
Generator Epa Id: DE6360010353
Generator Date: 2/23/2007 0:00:00
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: DF
Waste Quantity: 5.00
Unit: G
Handling Code: Not reported
Tsp Epa Id: Not reported
Date Tsp Sig: Not reported

Manifest Number: 000230219FLE
Manifest Type: Not reported
Generator Epa Id: DE6360010353
Generator Date: 2/23/2007 0:00:00
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: NONE
Container Number: 1
Container Type: DF
Waste Quantity: 5.00
Unit: G
Handling Code: Not reported
Tsp Epa Id: Not reported
Date Tsp Sig: Not reported

Manifest Number: 000230219FLE
Manifest Type: Not reported
Generator Epa Id: DE6360010353
Generator Date: 2/23/2007 0:00:00
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: NONE
Container Number: 1
Container Type: DF
Waste Quantity: 5.00
Unit: G
Handling Code: Not reported
Tsp Epa Id: Not reported
Date Tsp Sig: Not reported

Manifest Number: 000230225FLE
Manifest Type: Not reported
Generator Epa Id: DE6360010353
Generator Date: 5/25/2007 0:00:00
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D006
Container Number: 1

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Container Type: DF
Waste Quantity: 5.00
Unit: G
Handling Code: Not reported
Tsp Epa Id: Not reported
Date Tsp Sig: Not reported

Manifest Number: 000230225FLE
Manifest Type: Not reported
Generator Epa Id: DE6360010353
Generator Date: 5/25/2007 0:00:00
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: D010
Container Number: 1
Container Type: DF
Waste Quantity: 30.00
Unit: G
Handling Code: Not reported
Tsp Epa Id: Not reported
Date Tsp Sig: Not reported

Manifest Number: 000230225FLE
Manifest Type: Not reported
Generator Epa Id: DE6360010353
Generator Date: 5/25/2007 0:00:00
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D001
Container Number: 1
Container Type: DM
Waste Quantity: 30.00
Unit: G
Handling Code: Not reported
Tsp Epa Id: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Date Tsp Sig:	Not reported
Manifest Number:	PAH132884
Manifest Type:	T
Generator Epa Id:	DE6360010353
Generator Date:	06/20/06
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD Epa Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	302-633-4868
Page Number:	1
Line Number:	1
Waste Number:	F003
Container Number:	1
Container Type:	DM
Waste Quantity:	55
Unit:	G
Handling Code:	Not reported
Tsp Epa Id:	Not reported
Date Tsp Sig:	Not reported
Manifest Number:	PAH132884
Manifest Type:	T
Generator Epa Id:	DE6360010353
Generator Date:	06/20/06
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD Epa Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	302-633-4868
Page Number:	1
Line Number:	2
Waste Number:	D001
Container Number:	1
Container Type:	DM
Waste Quantity:	5
Unit:	G
Handling Code:	Not reported
Tsp Epa Id:	Not reported
Date Tsp Sig:	Not reported
Manifest Number:	PAH132884
Manifest Type:	T
Generator Epa Id:	DE6360010353

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

Generator Date: 06/20/06
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: PAD085690592
TSD Date: Not reported
TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address: 2869 SANDSTONE DRIVE
TSD Facility City: HATFIELD
TSD Facility State: PA
Facility Telephone: 302-633-4868
Page Number: 1
Line Number: 3
Waste Number: D002
Container Number: 1
Container Type: DM
Waste Quantity: 5
Unit: G
Handling Code: Not reported
Tsp Epa Id: Not reported
Date Tsp Sig: Not reported

Manifest Number: PAG126872
Manifest Type: T
Generator Epa Id: DE6360010353
Generator Date: 01/24/2005
Mailing Address: 1601 KIRKWOOD HWY
Mailing City,St,Zip: WILMINGTON, DE 19805
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: 01/25/2005
TSD Facility Name: CYCLE CHEM
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1.00000
Line Number: 1.00000
Waste Number: D001
Container Number: 2.00000
Container Type: DM
Waste Quantity: 100.00000
Unit: G
Handling Code: Not reported
Tsp Epa Id: NJD071629976
Date Tsp Sig: 01/24/2005

Manifest Number: PAG126872
Manifest Type: T
Generator Epa Id: DE6360010353
Generator Date: 01/24/2005
Mailing Address: 1601 KIRKWOOD HWY
Mailing City,St,Zip: WILMINGTON, DE 19805
Contact Name: Not reported
Contact Phone: 302-633-4868

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

TSD Epa Id: PAD067098822
TSD Date: 01/25/2005
TSD Facility Name: CYCLE CHEM
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1.00000
Line Number: 1.00000
Waste Number: F003
Container Number: 2.00000
Container Type: DM
Waste Quantity: 100.00000
Unit: G
Handling Code: Not reported
Tsp Epa Id: NJD071629976
Date Tsp Sig: 01/24/2005

Manifest Number: PAG126872
Manifest Type: T
Generator Epa Id: DE6360010353
Generator Date: 01/24/2005
Mailing Address: 1601 KIRKWOOD HWY
Mailing City,St,Zip: WILMINGTON, DE 19805
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: 01/25/2005
TSD Facility Name: CYCLE CHEM
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1.00000
Line Number: 2.00000
Waste Number: D002
Container Number: 1.00000
Container Type: DF
Waste Quantity: 100.00000
Unit: P
Handling Code: Not reported
Tsp Epa Id: NJD071629976
Date Tsp Sig: 01/24/2005

Manifest Number: PAG126872
Manifest Type: T
Generator Epa Id: DE6360010353
Generator Date: 01/24/2005
Mailing Address: 1601 KIRKWOOD HWY
Mailing City,St,Zip: WILMINGTON, DE 19805
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: 01/25/2005
TSD Facility Name: CYCLE CHEM
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

1000297275

TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1.00000
Line Number: 2.00000
Waste Number: D008
Container Number: 1.00000
Container Type: DF
Waste Quantity: 100.00000
Unit: P
Handling Code: Not reported
Tsp Epa Id: NJD071629976
Date Tsp Sig: 01/24/2005

Manifest Number: PAG126872
Manifest Type: T
Generator Epa Id: DE6360010353
Generator Date: 01/24/2005
Mailing Address: 1601 KIRKWOOD HWY
Mailing City,St,Zip: WILMINGTON, DE 19805
Contact Name: Not reported
Contact Phone: 302-633-4868
TSD Epa Id: PAD067098822
TSD Date: 01/25/2005
TSD Facility Name: CYCLE CHEM
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1.00000
Line Number: 3.00000
Waste Number: D006
Container Number: 1.00000
Container Type: DF
Waste Quantity: 200.00000
Unit: P
Handling Code: Not reported
Tsp Epa Id: NJD071629976
Date Tsp Sig: 01/24/2005

I48
North
1/4-1/2
0.456 mi.
2406 ft.

BRETS AUTOMOTIVE CENTER, INC
2003 KIRKWOOD HIGHWAY
WILMINGTON, DE 19805
Site 1 of 2 in cluster I

LUST **U003368845**
UST **N/A**

Relative:
Higher

LUST:
Facility ID: 3-000275
Status: Inactive
Closure: 12/21/2000
Project Number: N9902052

Actual:
80 ft.

UST:
Facility ID: 3-000275
Owner Name: Bret's Automotive Service, Inc
Owner Address: 2003 Kirkwood Highway
Owner City,St,Zip: Wilmington, DE 19805
Owner Country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRETS AUTOMOTIVE CENTER, INC (Continued)

U003368845

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 6000
Date Closed: 03/29/1996

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 10000
Date Closed: 11/19/1998

Tank Status: Removed
Tank Substance: Diesel
Tank Capacity: 6000
Date Closed: 03/29/1996

Tank Status: Removed
Tank Substance: Kerosene
Tank Capacity: 2000
Date Closed: 04/08/1996

Tank Status: Removed
Tank Substance: Gasoline
Tank Capacity: 6000
Date Closed: 03/29/1996

Tank Status: Removed
Tank Substance: Used Oil
Tank Capacity: 550
Date Closed: 04/08/1996

Tank Status: In Service
Tank Substance: Gasoline
Tank Capacity: 12000
Date Closed: Not reported

Tank Status: In Service
Tank Substance: Gasoline
Tank Capacity: 8000
Date Closed: Not reported

I49
North
1/4-1/2
0.456 mi.
2406 ft.

VETERANS BP STATION
2003 KIRKWOOD HIGHWAY
WILMINGTON, DE

Site 2 of 2 in cluster I

Relative:
Higher

LUST:
Facility ID: 3-000275
Status: Inactive
Closure: 12/20/1994
Project Number: N9412274

Actual:
80 ft.

LUST S103925817
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VETERANS BP STATION (Continued)

S103925817

Facility ID: 3-000275
Status: Inactive
Closure: 12/30/1997
Project Number: N9601003

50
North
1/4-1/2
0.459 mi.
2423 ft.

SHELL - ROSELLE
2510 KIRKWOOD HIGHWAY
WILMINGTON, DE

LUST S105707962
N/A

Relative:
Higher

LUST:
Facility ID: 3-000198
Status: Inactive
Closure: 8/26/2004
Project Number: N0105040

Actual:
111 ft.

Facility ID: 3-000198
Status: Inactive
Closure: 1/17/1995
Project Number: N9501013

J51
SSW
1/4-1/2
0.472 mi.
2492 ft.

7-11 1126-11305, 248 MD. AVE.
210 MARYLAND AVENUE
NEWPORT, DE

LUST S103925888
N/A

Site 1 of 2 in cluster J

Relative:
Lower

LUST:
Facility ID: 3-000392
Status: Inactive
Closure: 12/10/1993
Project Number: N9309166

Actual:
47 ft.

J52
SSW
1/4-1/2
0.481 mi.
2541 ft.

ARTESIAN WATER
213 MARYLAND AVENUE
NEWPORT, DE

LUST S104968150
N/A

Site 2 of 2 in cluster J

Relative:
Lower

LUST:
Facility ID: 3-001259
Status: Inactive
Closure: 8/19/1992
Project Number: N9204119

Actual:
47 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53
NNW
1/2-1
0.626 mi.
3304 ft.

JB DRY CLEANERS - 1909 CENTERVILLE RD, WILMINGTON
1909 CENTERVILLE ROAD
WILMINGTON, DE

SHWS
DRYCLEANERS

S105678880
N/A

Relative:
Higher

SHWS:
Facility ID: DE-1280
Program: Pre Remedial (PA/SI)

Actual:
116 ft.

Facility Id: 10056504
Town: Milford
State Abbreviation: DE
Site Type: Dry Cleaner
Land Type: Not reported
Fac Desc: DRY CLEANING FACILITY
X Corrdinate: 199251.23000000001
Y Corrdinate: 101074.08
Reference Pt: Unknown
Horizontal Method: Unknown
Loc Comment: Not reported
Latitude: 38.910539999999997
Longitude: -75.425297
Watershed: Mispillion River
Basin: Delaware Bay
State House District: 36
Representative: Carey, V George
State Senate District: 18
Senator: Simpson, F Gary
School District: Milford
Quad: MILFORD
AKA 1: Not reported
Mailing Address 1: Not reported
Mailing Address 2: Not reported
Mailing City: Not reported
Mailing State Abv: Not reported
Mailing Country Abv: Not reported
Mailing Postal Code: Not reported
Street Address 2: Not reported
Street Country Abv: US
Facility Phone: Not reported
Facility Fax: Not reported
Air Emissions: Not reported
Hazardous Waste: Not reported
Underground Storage Tank: Not reported
Above Ground Storage Tanks: Not reported

54
East
1/2-1
0.726 mi.
3832 ft.

ATLANTIC AVENUE
ATLANTIC AVENUE
ELSMERE, DE 19804

SHWS
S102021013
N/A

Relative:
Lower

SHWS:
Facility ID: DE-0158
Program: HSCA

Actual:
55 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

55
ESE
1/2-1
0.900 mi.
4753 ft.

FIVE POINTS FIRE COMPANY
209 SOUTH MARYLAND AVENUE
WILMINGTON, DE 19804

SHWS **S104818168**
N/A

Relative:
Higher

SHWS:
Facility ID: DE-1168
Program: HSCA

Actual:
79 ft.

56
West
1/2-1
0.929 mi.
4906 ft.

AMETEK
900 GREENBANK ROAD
WILMINGTON, DE 19808

SHWS **S102274256**
ENF **N/A**

Relative:
Lower

SHWS:
Facility ID: DE-0176
Program: HSCA

Actual:
51 ft.

DE ENFORCEMENT:

Business: Ametek Inc - Haveg Div
Address 1: 900 Greenbank Road
Program: Not reported
Violator City: Wilmington
Violator State: DE
Violator Zip: Not reported
Date Of Violation: Not reported
Date Served: 7/19/2002
Date Discovered: Not reported
Date Corrected: Not reported
V Corrected: Not reported
Act Num: 2002-09140
Contact: Cole, Bruce B
Phone: (302)739-9403
Description: Not reported
Nature: Not reported
Env Issues Comments: Not reported

Details:

V Corrected: Yes
Discovered: 3/28/2006
Impact: No
Date Corrected: 4/3/2006
Date Of Violation: 3/28/2006

57
SSE
1/2-1
0.936 mi.
4940 ft.

NEWPORT CY LANDFILL
WATER ST & COOPER DR
NEWPORT, DE 19804

SHWS **1003864629**
CERC-NFRAP **DED980705313**

Relative:
Lower

SHWS:
Facility ID: DE-0044
Program: HSCA

Actual:
13 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEWPORT CY LANDFILL (Continued)

1003864629

CERC-NFRAP:

Site ID: 0300107
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 07/01/1981
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 12/01/1983
Date Completed: 02/01/1984
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 10/14/1985
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 07/10/1985
Date Completed: 10/14/1985
Priority Level: NFRAP: No further Remedial Action planned

K58
South
1/2-1
0.943 mi.
4981 ft.

Relative:
Lower

Actual:
12 ft.

DUPONT & CO - HOLLY RUN PLANT
JAMES & WATER STS/HOLLY RUN PL
NEWPORT, DE 19804
Site 1 of 3 in cluster K

CERCLIS **1000348646**
FINDS **DED980555122**
LUST
NPL
RCRA-TSDF
ROD
US ENG CONTROLS
US INST CONTROL
RCRA-CESQG
MANIFEST

CERCLIS:

Site ID: 0300093
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: Not reported

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 32759

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 32708

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Site Description: The DuPont-Newport Superfund Site occupies approximately 120 acres on the banks of the Christina River at James and Water Streets in Newport, Delaware. It is near the I-95, I-495, and Delaware State 141 interchange. The Site includes land currently occupied by a paint pigment production facility (the Ciba Specialty Chemicals plant), the location of a former chromium dioxide production facility (the DuPont Holly Run plant), two industrial landfills separated by the Christina River (known locally by some as the Christiana River), and a baseball diamond (owned by DuPont and referred to as the ballpark) located just northwest of the Ciba plant across the Amtrak railroad. Part of the Site is in the town of Newport and part of the Site is in unincorporated New Castle County. Originally built during the period from 1900 to 1902, the pigment plant was owned and operated by Henrik J. Krebs. The plant produced Lithopone, a white inorganic paint pigment. E.I. du Pont de Nemours & Company (DuPont) purchased the plant in 1929 and continued to produce Lithopone, but slowly changed and added processes to produce other organic and inorganic pigments. DuPont sold the pigment manufacturing operations to Ciba-Geigy Corporation in 1984. As part of the pigment plant operations (prior to Ciba's ownership), waste and off-specification products were disposed of in the north and south landfills. The south landfill, which operated from approximately 1902 to 1953, was used for the disposal of large quantities of Lithopone wastes. Waste sludges from the purification of zinc and barium ores were pumped from the plant and discharged into the south wetlands, creating a landfill. The waste sludges contained numerous heavy metal contaminants. In the 1970's, the south landfill was covered with soils from excavations for the construction of the Delaware Highway 141 Christina River Bridge. In 1984, Du Pont sold the pigment manufacturing operations to CIBA-GEIGY Corporation, but retained the chromium dioxide production operations. The Holly Run plant and the CIBA-GEIGY plant were built on fill material placed over low-lying farmland. Most of the fill material underneath the CIBA-GEIGY plant and a small portion at the Du Pont plant is contaminated with heavy metals such as cadmium, lead, barium, and zinc. This is a result of disposal operations and poor storage and handling practices of raw materials. As part of the CIBA-GEIGY pigment plant operations (although prior to CIBA-GEIGY's ownership), waste and off-specification products were disposed of in the north and south landfills. The north landfill was constructed by building a berm along the Christina River on low-lying farmland adjacent to the Lithopone plant. Disposal activities involved backfilling behind the berm. Construction was such that waste and runoff could have flowed around the toe of the berm and into the river. There was no bottom liner in the landfill. It was used for the disposal of Lithopone wastes, other organic pigment wastes, chromium wastes, and other miscellaneous wastes including off-spec thoriated nickel. Wastes were disposed of in the north landfill from 1902 to 1974. The south landfill was used for the disposal of large quantities of Lithopone wastes which were pumped through a hose on the river bottom and discharged to diked area in a wetland. There was no bottom liner, and some of the waste is currently in the water table. The south landfill operated from approximately 1902 to 1953. A small portion of the ballpark appears to have become contaminated when contaminated soil from the pigment plant was used to groom the field. It should be noted that this Site is located downstream of Churchman's Marsh which the Water Resources Agency of New Castle County is evaluating as a potential location of a public water supply reservoir. EPA does not expect the remedy outlined in the ROD to impact Churchman's Marsh but can not state so definitively until the remedial design is completed. In the late 1970's and early 1980's, the Delaware Department of Natural Resources and Environmental Control (DNREC) and Du Pont sampled and analyzed ground water from on-site monitoring wells. The results indicated elevated levels of heavy metals (especially barium, cadmium, and zinc) and volatile organic compounds (mainly tetrachloroethene and trichloroethene) in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

ground water. During the mid 1980's, EPA and DNREC gathered and reviewed information to determine whether or not the Site was eligible for the National Priorities List (NPL). The Site was proposed for inclusion on the NPL in January 1987 and was promulgated in February 1990. On August 22, 1988 Du Pont entered into an Administrative Order by Consent with EPA whereby Du Pont agreed to perform a Remedial Investigation and Feasibility Study (RI/FS) for the Site. This study included collection of ground water, soil, sediment, and surface water (both river and wetlands) samples. Although the Site was originally included on the NPL because of groundwater contamination caused by the north landfill, the RI/FS found that the river and the adjacent wetlands are contaminated as well. Some areas show significant impacts to the ecosystem, although other areas have only minor impacts. The RI/FS also determined that the south landfill and the soil underneath the production plants are sources of groundwater contamination. On June 10, 1993, EPA and Du Pont entered into a removal consent order to address seepage of a heat transfer fluid (similar in composition to Dowtherm) into the Christina River. The seeps, along the north bank of the Christina River, were causing an oily sheen on the Christina River. CIBA-GEIGY has been reporting these releases to the National Response Center beginning in October 1992. Oil sorbing booms are currently in place (1993) to control the spread of the fluid. EPA has determined that the levels of Dowtherm are potentially hazardous to aquatic life and that the booms are not an adequate measure of control until such a time as this ROD is implemented which will permanently address this problem. Compliance with the EPA removal order will provide an interim remedy for the seeps. Several other projects took place during the RI/FS in order to address environmental problems. CIBA-GEIGY removed an underground storage tank that at one time was used to store diesel fuel. CIBA-GEIGY also performed repairs to discharge piping to the Christina River. Cracks in the piping were allowing groundwater infiltration which was causing discharges of zinc in excess of CIBA-GEIGY's NPDES permit. On August 26, 1993, EPA issued a ROD for the E.I. DuPont Site formally outlining how EPA would address the Site contamination. The ROD discussed seven areas of the Site: a ballpark, the north landfill and wetlands, the south landfill, the south wetlands, the Christina River, the Ciba Specialty Chemicals and DuPont Holly Run chemical plants, and the groundwater. Later in 1993, the Delaware Department of Transportation (DelDOT) collected a number of soil samples from the portion of the south landfill owned by the State of Delaware (currently underneath and to the east of James Street/Basin Road) to more accurately determine the amount and extent of soil contamination. Data collected by DelDOT indicated that 85,000 cubic yards (instead of the 37,000 cubic yards estimated in the ROD) would require excavation, because the contamination was deeper than originally anticipated, representing a significant increase in the overall amount of waste requiring treatment and increase in cost. In 1994, DelDOT and DuPont independently submitted alternate remedy proposals to the EPA in an effort to address the contamination in a less costly manner. In 1995, EPA selected an alternate remedy for the south landfill and issued an Explanation of Significant Differences (1995 ESD) to modify the 1993 ROD. The revised remedy changed the treatment technology from in situ stabilization to in-situ chemical precipitation with sodium sulfide and sodium sulfate. The 1995 ESD also upgraded the containment system from just a soil cover to a low permeability cap, a circumscribing ground water barrier wall, and a ground water pump and treat system. Subsequent to the issuance of the 1995 ESD, further information developed during the design showed that the chemical precipitation may not have worked as well as originally expected. Although tests showed a number of contaminants would become less mobile in the ground water (the goal of the treatment), there were indications that other contaminants could become more mobile. Also, the cost was going to be significantly higher than originally thought because the amount of treatment chemicals required had been

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

underestimated. As a result, DuPont presented a new alternative to EPA to address the risks from the contamination in the south landfill. The 1995 ESD remedy called for in-situ precipitation of the south landfill wastes by using sodium sulfate and sodium sulfide as treatment agents. The original estimate of the amount of reagents required for treatment was 82 tons. Current estimates indicate that 34,000 tons of reagents are actually necessary and would cause a 5 percent increase in the total volume of waste materials. The original estimated cost of the south landfill portion of the selected 1995 ESD remedy was \$11,600,000. Based on the new estimate of the materials required for treatment, the revised cost estimate for this work is \$23,110,000. In January 2001, DuPont presented a new alternative treatment remedy to address the south landfill. After careful review by EPA and Delaware Department of Natural Resources and Environmental Control (DNREC), EPA is selecting this change to the remedy at the south landfill. EPA has determined that this is a significant change to the remedy at the south landfill, but a change that does not fundamentally alter the remedy selected in the ROD. The ROD remains protective of human health and the environment and continues to meet applicable or relevant and appropriate requirements (ARARs). The revised remedy involves changing the treatment technology from chemical precipitation with sodium sulfate and sodium sulfide to a PRB treatment technology¹ that is coupled with a low-permeability ground water barrier wall and a landfill cap. This remedy eliminates the ground water pump-and-treat requirement. A record of decision (ROD) for the seven areas at E.I. DuPont was signed in August 1993. The selected remedy for the south landfill was changed by an Explanation of Significant Differences (ESD) signed in August 1995, and again by an ESD signed in May 2001. The two ESDs focused only on the remedy for the South Landfill. The DuPont-Newport Superfund Site occupies approximately 120 acres on the banks of the Christina River at James and Water Streets in Newport, Delaware. It is near the I-95, I-495, and Delaware State 141 interchange. The Site includes land currently occupied by a paint pigment production facility (the Ciba Specialty Chemicals plant), the location of a former chromium dioxide production facility (the DuPont Holly Run plant), two industrial landfills separated by the Christina River (known locally by some as the Christiana River), and a baseball diamond (owned by DuPont and referred to as the ballpark) located just northwest of the Ciba plant across the Amtrak railroad. Part of the Site is in the town of Newport and part of the Site is in unincorporated New Castle County. Originally built during the period from 1900 to 1902, the pigment plant was owned and operated by Henrik J. Krebs. The plant produced Lithopone, a white inorganic paint pigment. E.I. du Pont de Nemours & Company (DuPont) purchased the plant in 1929 and continued to produce Lithopone, but slowly changed and added processes to produce other organic and inorganic pigments. DuPont sold the pigment manufacturing operations to Ciba-Geigy Corporation in 1984. As part of the pigment plant operations (prior to Ciba's ownership), waste and off-specification products were disposed of in the north and south landfills. The south landfill, which operated from approximately 1902 to 1953, was used for the disposal of large quantities of Lithopone wastes. Waste sludges from the purification of zinc and barium ores were pumped from the plant and discharged into the south wetlands, creating a landfill. The waste sludges contained numerous heavy metal contaminants. In the 1970's, the south landfill was covered with soils from excavations for the construction of the Delaware Highway 141 Christina River Bridge. In 1984, Du Pont sold the pigment manufacturing operations to CIBA-GEIGY Corporation, but retained the chromium dioxide production operations. The Holly Run plant and the CIBA-GEIGY plant were built on fill material placed over low-lying farmland. Most of the fill material underneath the CIBA-GEIGY plant and a small portion at the Du Pont plant is contaminated with heavy metals such as cadmium, lead, barium, and zinc. This is a result of disposal operations and poor storage and handling

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

practices of raw materials. As part of the CIBA-GEIGY pigment plant operations (although prior to CIBA-GEIGY's ownership), waste and off-specification products were disposed of in the north and south landfills. The north landfill was constructed by building a berm along the Christina River on low-lying farmland adjacent to the Lithopone plant. Disposal activities involved backfilling behind the berm. Construction was such that waste and runoff could have flowed around the toe of the berm and into the river. There was no bottom liner in the landfill. It was used for the disposal of Lithopone wastes, other organic pigment wastes, chromium wastes, and other miscellaneous wastes including off-spec thoriated nickel. Wastes were disposed of in the north landfill from 1902 to 1974. The south landfill was used for the disposal of large quantities of Lithopone wastes which were pumped through a hose on the river bottom and discharged to diked area in a wetland. There was no bottom liner, and some of the waste is currently in the water table. The south landfill operated from approximately 1902 to 1953. A small portion of the ballpark appears to have become contaminated when contaminated soil from the pigment plant was used to groom the field. It should be noted that this Site is located downstream of Churchman's Marsh which the Water Resources Agency of New Castle County is evaluating as a potential location of a public water supply reservoir. EPA does not expect the remedy outlined in the ROD to impact Churchman's Marsh but can not state so definitively until the remedial design is completed. In the late 1970's and early 1980's, the Delaware Department of Natural Resources and Environmental Control (DNREC) and Du Pont sampled and analyzed ground water from on-site monitoring wells. The results indicated elevated levels of heavy metals (especially barium, cadmium, and zinc) and volatile organic compounds (mainly tetrachloroethene and trichloroethene) in ground water. During the mid 1980's, EPA and DNREC gathered and reviewed information to determine whether or not the Site was eligible for the National Priorities List (NPL). The Site was proposed for inclusion on the NPL in January 1987 and was promulgated in February 1990. On August 22, 1988 Du Pont entered into an Administrative Order by Consent with EPA whereby Du Pont agreed to perform a Remedial Investigation and Feasibility Study (RI/FS) for the Site. This study included collection of ground water, soil, sediment, and surface water (both river and wetlands) samples. Although the Site was originally included on the NPL because of groundwater contamination caused by the north landfill, the RI/FS found that the river and the adjacent wetlands are contaminated as well. Some areas show significant impacts to the ecosystem, although other areas have only minor impacts. The RI/FS also determined that the south landfill and the soil underneath the production plants are sources of groundwater contamination. On June 10, 1993, EPA and Du Pont entered into a removal consent order to address seepage of a heat transfer fluid (similar in composition to Dowtherm) into the Christina River. The seeps, along the north bank of the Christina River, were causing an oily sheen on the Christina River. CIBA-GEIGY has been reporting these releases to the National Response Center beginning in October 1992. Oil sorbing booms are currently in place (1993) to control the spread of the fluid. EPA has determined that the levels of Dowtherm are potentially hazardous to aquatic life and that the booms are not an adequate measure of control until such a time as this ROD is implemented which will permanently address this problem. Compliance with the EPA removal order will provide an interim remedy for the seeps. Several other projects took place during the RI/FS in order to address environmental problems. CIBA-GEIGY removed an underground storage tank that at one time was used to store diesel fuel. CIBA-GEIGY also performed repairs to discharge piping to the Christina River. Cracks in the piping were allowing groundwater infiltration which was causing discharges of zinc in excess of CIBA-GEIGY's NPDES permit. On August 26, 1993, EPA issued a ROD for the E.I. DuPont Site formally outlining how EPA would address the Site contamination. The ROD discussed seven areas of the Site: a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

ballpark, the north landfill and wetlands, the south landfill, the south wetlands, the Christina River, the Ciba Specialty Chemicals and DuPont Holly Run chemical plants, and the groundwater. Later in 1993, the Delaware Department of Transportation (DelDOT) collected a number of soil samples from the portion of the south landfill owned by the State of Delaware (currently underneath and to the east of James Street/Basin Road) to more accurately determine the amount and extent of soil contamination. Data collected by DelDOT indicated that 85,000 cubic yards (instead of the 37,000 cubic yards estimated in the ROD) would require excavation, because the contamination was deeper than originally anticipated, representing a significant increase in the overall amount of waste requiring treatment and increase in cost. In 1994, DelDOT and DuPont independently submitted alternate remedy proposals to the EPA in an effort to address the contamination in a less costly manner. In 1995, EPA selected an alternate remedy for the south landfill and issued an Explanation of Significant Differences (1995 ESD) to modify the 1993 ROD. The revised remedy changed the treatment technology from in situ stabilization to in-situ chemical precipitation with sodium sulfide and sodium sulfate. The 1995 ESD also upgraded the containment system from just a soil cover to a low permeability cap, a circumscribing ground water barrier wall, and a ground water pump and treat system. Subsequent to the issuance of the 1995 ESD, further information developed during the design showed that the chemical precipitation may not have worked as well as originally expected. Although tests showed a number of contaminants would become less mobile in the ground water (the goal of the treatment), there were indications that other contaminants could become more mobile. Also, the cost was going to be significantly higher than originally thought because the amount of treatment chemicals required had been underestimated. As a result, DuPont presented a new alternative to EPA to address the risks from the contamination in the south landfill. The 1995 ESD remedy called for in-situ precipitation of the south landfill wastes by using sodium sulfate and sodium sulfide as treatment agents. The original estimate of the amount of reagents required for treatment was 82 tons. Current estimates indicate that 34,000 tons of reagents are actually necessary and would cause a 5 percent increase in the total volume of waste materials. The original estimated cost of the south landfill portion of the selected 1995 ESD remedy was \$11,600,000. Based on the new estimate of the materials required for treatment, the revised cost estimate for this work is \$23,110,000. In January 2001, DuPont presented a new alternative treatment remedy to address the south landfill. After careful review by EPA and Delaware Department of Natural Resources and Environmental Control (DNREC), EPA is selecting this change to the remedy at the south landfill. EPA has determined that this is a significant change to the remedy at the south landfill, but a change that does not fundamentally alter the remedy selected in the ROD. The ROD remains protective of human health and the environment and continues to meet applicable or relevant and appropriate requirements (ARARs). The revised remedy involves changing the treatment technology from chemical precipitation with sodium sulfate and sodium sulfide to a PRB treatment technology¹ that is coupled with a low-permeability ground water barrier wall and a landfill cap. This remedy eliminates the ground water pump-and-treat requirement. A record of decision (ROD) for the seven areas at E.I. DuPont was signed in August 1993. The selected remedy for the south landfill was changed by an Explanation of Significant Differences (ESD) signed in August 1995, and again by an ESD signed in May 2001. The two ESDs focused only on the remedy for the South Landfill.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	11/1/1979 0:00:00
Priority Level:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Action:	PRELIMINARY ASSESSMENT
Date Started:	3/1/1984 0:00:00
Date Completed:	8/1/1984 0:00:00
Priority Level:	Low priority for further assessment
Action:	SITE INSPECTION
Date Started:	3/1/1984 0:00:00
Date Completed:	3/1/1985 0:00:00
Priority Level:	Higher priority for further assessment
Action:	HRS PACKAGE
Date Started:	10/1/1984 0:00:00
Date Completed:	7/11/1986 0:00:00
Priority Level:	Being considered for proposal to the NPL
Action:	PROPOSAL TO NPL
Date Started:	Not reported
Date Completed:	1/22/1987 0:00:00
Priority Level:	Not reported
Action:	Notice Letters Issued
Date Started:	Not reported
Date Completed:	4/16/1987 0:00:00
Priority Level:	Not reported
Action:	NPL RP SEARCH
Date Started:	6/26/1986 0:00:00
Date Completed:	2/10/1988 0:00:00
Priority Level:	Search Complete, Viable PRPs
Action:	RI/FS NEGOTIATIONS
Date Started:	3/13/1987 0:00:00
Date Completed:	8/12/1988 0:00:00
Priority Level:	Not reported
Action:	ADMIN ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	8/12/1988 0:00:00
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	8/16/1989 0:00:00
Date Completed:	8/16/1989 0:00:00
Priority Level:	Not reported
Action:	Notice Letters Issued
Date Started:	Not reported
Date Completed:	2/7/1990 0:00:00
Priority Level:	Not reported
Action:	Info Repository Established
Date Started:	Not reported
Date Completed:	2/16/1990 0:00:00
Priority Level:	Not reported
Action:	Info Repository Established
Date Started:	Not reported

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DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Date Completed: 2/16/1990 0:00:00
Priority Level: Not reported

Action: FINAL LISTING ON NPL
Date Started: Not reported
Date Completed: 2/21/1990 0:00:00
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 5/8/1990 0:00:00
Date Completed: 5/8/1990 0:00:00
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 4/9/1991 0:00:00
Date Completed: 4/9/1991 0:00:00
Priority Level: Not reported

Action: ECOLOGICAL RISK ASSESSMENT
Date Started: Not reported
Date Completed: 3/18/1992 0:00:00
Priority Level: Not reported

Action: RISK/HEALTH ASSESSMENT
Date Started: Not reported
Date Completed: 3/18/1992 0:00:00
Priority Level: Not reported

Action: ISSUE REQ LTTRS (104e)
Date Started: Not reported
Date Completed: 6/22/1992 0:00:00
Priority Level: Not reported

Action: NPL RP SEARCH
Date Started: 7/26/1991 0:00:00
Date Completed: 10/28/1992 0:00:00
Priority Level: Search Complete, Viable PRPs

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 11/10/1992 0:00:00
Priority Level: Not reported

Action: ADMIN ORDER ON CONSENT
Date Started: Not reported
Date Completed: 6/10/1993 0:00:00
Priority Level: Not reported

Action: PRP RI/FS
Date Started: 8/12/1988 0:00:00
Date Completed: 8/26/1993 0:00:00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 8/26/1993 0:00:00
Priority Level: Final Remedy Selected at Site

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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Action:	Special Notice Issued
Date Started:	Not reported
Date Completed:	9/30/1993 0:00:00
Priority Level:	Not reported
Action:	Public Notice Published
Date Started:	Not reported
Date Completed:	10/5/1993 0:00:00
Priority Level:	Not reported
Action:	RD/RA NEGOTIATIONS
Date Started:	9/30/1993 0:00:00
Date Completed:	4/19/1994 0:00:00
Priority Level:	Not reported
Action:	UNILATERAL ADMIN ORDER
Date Started:	Not reported
Date Completed:	4/19/1994 0:00:00
Priority Level:	Not reported
Action:	Explanation Of Significant Differences
Date Started:	Not reported
Date Completed:	8/16/1995 0:00:00
Priority Level:	Not reported
Action:	PRP REMOVAL
Date Started:	6/10/1993 0:00:00
Date Completed:	9/28/1995 0:00:00
Priority Level:	Stabilized
Action:	PRP RD
Date Started:	5/31/1994 0:00:00
Date Completed:	9/29/1995 0:00:00
Priority Level:	Not reported
Action:	Public Notice Published
Date Started:	Not reported
Date Completed:	10/2/1995 0:00:00
Priority Level:	Not reported
Action:	PRP RA
Date Started:	9/29/1995 0:00:00
Date Completed:	12/29/1995 0:00:00
Priority Level:	Not reported
Action:	PRP RD
Date Started:	5/31/1994 0:00:00
Date Completed:	5/14/1997 0:00:00
Priority Level:	Not reported
Action:	PRP RD
Date Started:	5/31/1994 0:00:00
Date Completed:	12/23/1997 0:00:00
Priority Level:	Not reported
Action:	PRP RA
Date Started:	5/14/1997 0:00:00

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Date Completed: 6/30/1998 0:00:00
Priority Level: Not reported

Action: PRP RD
Date Started: 5/31/1994 0:00:00
Date Completed: 9/23/1998 0:00:00
Priority Level: Not reported

Action: PRP RA
Date Started: 12/23/1997 0:00:00
Date Completed: 12/30/1998 0:00:00
Priority Level: Not reported

Action: PRP RD
Date Started: 5/31/1994 0:00:00
Date Completed: 6/8/1999 0:00:00
Priority Level: Not reported

Action: PRP RD
Date Started: 5/31/1994 0:00:00
Date Completed: 6/29/1999 0:00:00
Priority Level: Not reported

Action: PRP RA
Date Started: 9/23/1998 0:00:00
Date Completed: 2/18/2000 0:00:00
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: 11/9/1999 0:00:00
Date Completed: 3/31/2000 0:00:00
Priority Level: Not reported

Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 5/18/2001 0:00:00
Priority Level: Not reported

Action: PRP RA
Date Started: 6/29/1999 0:00:00
Date Completed: 9/10/2001 0:00:00
Priority Level: Final RA Report

Action: PRP RD
Date Started: 5/31/1994 0:00:00
Date Completed: 9/28/2001 0:00:00
Priority Level: Not reported

Action: PRP RA
Date Started: 6/8/1999 0:00:00
Date Completed: 11/2/2001 0:00:00
Priority Level: Not reported

Action: PRELIM CLOSE-OUT REP PREPARED
Date Started: Not reported
Date Completed: 9/19/2002 0:00:00
Priority Level: Not reported

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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Action:	PRP RA
Date Started:	9/28/2001 0:00:00
Date Completed:	3/17/2003 0:00:00
Priority Level:	Final RA Report
Action:	SECTION 107 LITIGATION
Date Started:	3/29/2002 0:00:00
Date Completed:	10/4/2004 0:00:00
Priority Level:	Not reported
Action:	JUDICIAL/CIVIL JUDGMENT
Date Started:	Not reported
Date Completed:	10/4/2004 0:00:00
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	5/27/2004 0:00:00
Date Completed:	3/31/2005 0:00:00
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	6/30/1998 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	12/30/1998 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	2/18/2000 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	9/10/2001 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	11/2/2001 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	3/17/2003 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE
Date Started:	4/1/2006 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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FINDS:

Registry ID: 110000603927

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

LUST:

Facility ID: 3-000070
Status: Inactive
Closure: 3/22/1999
Project Number: N9903061

NPL:

EPA ID: DED980555122
EPA Region: 03
Federal: N
Final Date: 2/21/1990

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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Category Details:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 10 And <= 25 Feet
Category Value: 20

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 1/4 And <= 1/2 Mile
Category Value: 2200

Site Details:

Site Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)
Site Status: Final
Site Zip: 19804
Site City: NEWPORT
Site State: DE
Federal Site: No
Site County: NEW CASTLE
EPA Region: 03
Date Proposed: 01/22/87
Date Deleted: Not reported
Date Finalized: 02/21/90

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: C247
Substance: ZINC AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: D005
Substance: BARIUM
CAS #: 7440-39-3
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: D006
Substance: CADMIUM (CD)
CAS #: 7440-43-9
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: D008
Substance: LEAD (PB)
CAS #: 7439-92-1
Pathway: GROUND WATER PATHWAY

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal January 22, 1987): A pigment plant of E.I. du Pont de Nemours Co., Inc., formerly operated a 7-acre industrial landfill next to the plant, in Newport, New Castle County, Delaware. The land to the north is primarily residential. The majority of the remaining adjacent property is low-lying land associated with the Christina River marshes. To the southwest is a sizeable expanse of marshland covered by auto junkyards and rimmed by a residential/commercial strip along Old Airport Road. From 1902 to 1975, the landfill was used for the disposal of inorganically bonded metals, plant pigments, pigment sludges, magnetic tapes, and low-level radioactive residues, according to information Du Pont provided to EPA as required by CERCLA Section 103 c). When the landfill closed in 1975, Du Pont graded, covered, and seeded it and installed 11 monitoring wells. Subsequent sampling by the Delaware Department of Natural Resources and Environmental Control, EPA, and Du Pont indicated that the shallow Columbia Aquifer and, to a lesser degree, the deeper Potomac Aquifer have been contaminated, both on and off the site, with heavy metals, including barium, cadmium, and inc, as well as trichloroethylene and tetrachloroethylene. The Artesian Water Co., which serves 131,000 people throughout New Castle County, has six wells within 3 miles of the site. Water from the wells is blended in the distribution system. Thus, the water supply for the 131,000 people is potentially threatened. Private wells are also used for drinking water supplies in some areas, the nearest well being 0.5 mile from the site. Status February 21, 1990): On August 12, 1988, EPA and Du Pont signed a Consent Order under CERCLA Section 106 under which the company is conducting a remedial investigation/feasibility study (RI/FS) to determine the type and extent of contamination at the site and identify alternatives for remedial action. The RI/FS indicates that contamination extends to a landfill and wetlands south of the Christina River, as well as to other areas. The RI/FS is scheduled to be completed in 1991.

Site Status Details:

NPL Status: Final
Proposed Date: 01/22/1987
Final Date: 02/21/1990
Deleted Date: Not reported

Narratives Details:

NPL Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIG
City: NEWPORT
State: DE

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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RCRA-TSDF:

Date form received by agency: 08/20/2002

Facility name: DUPONT & CO - HOLLY RUN PLANT

Facility address: JAMES & WATER STS/HOLLY RUN PL
NEWPORT, DE 198042490

EPA ID: DED980555122

Contact: AUSTIN ANDERSON

Contact address: JAMES & WATER STS/HOLLY RUN PL
NEWPORT, DE 198042490

Contact country: US

Contact telephone: (302) 633-9625

Contact email: Not reported

EPA Region: 03

Land type: Private

Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

TSD commencement date: Not reported

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: E I DUPONT DE NEMOURS & CO INC

Owner/operator address: JAMES & WATER STS/HOLLY RUN PL
NEWPORT, DE 19804

Owner/operator country: Not reported

Owner/operator telephone: (302) 695-9303

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/01/0001

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown

Mixed waste (haz. and radioactive): Unknown

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: Unknown

Furnace exemption: Unknown

Used oil fuel burner: No

Used oil processor: No

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 02/25/2002

Facility name: DUPONT & CO - HOLLY RUN PLANT
Site name: DUPONT HOLLY RUN
Classification: Large Quantity Generator

Date form received by agency: 05/03/2000

Facility name: DUPONT & CO - HOLLY RUN PLANT
Site name: DUPONT HOLLY RUN PLANT
Classification: Large Quantity Generator

Date form received by agency: 02/17/1998

Facility name: DUPONT & CO - HOLLY RUN PLANT
Site name: DUPONT - HOLLY RUN
Classification: Large Quantity Generator

Date form received by agency: 02/06/1996

Facility name: DUPONT & CO - HOLLY RUN PLANT
Site name: DUPONT - HOLLY RUN
Classification: Large Quantity Generator

Date form received by agency: 02/28/1994

Facility name: DUPONT & CO - HOLLY RUN PLANT
Site name: DUPONT HOLLY RUN SITE
Classification: Large Quantity Generator

Date form received by agency: 05/01/1992

Facility name: DUPONT & CO - HOLLY RUN PLANT
Site name: DUPONT HOLLY RUN SITE
Classification: Large Quantity Generator

Date form received by agency: 07/12/1990

Facility name: DUPONT & CO - HOLLY RUN PLANT
Site name: DUPONT HOLLY RUN SITE
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980

Facility name: DUPONT & CO - HOLLY RUN PLANT
Classification: Not a generator, verified

Date form received by agency: 08/18/1980

Facility name: DUPONT & CO - HOLLY RUN PLANT
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.

Waste code: D007
Waste name: CHROMIUM

Waste code: D009
Waste name: MERCURY

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P024
Waste name: BENZENAMINE, 4-CHLORO-

Waste code: P120
Waste name: VANADIUM OXIDE V2O5

Waste code: U002
Waste name: ACETONE (I)

Waste code: U012
Waste name: ANILINE (I,T)

Waste code: U052
Waste name: CRESOL (CRESYLIC ACID)

Waste code: U057
Waste name: CYCLOHEXANONE (I)

Waste code: U070
Waste name: BENZENE, 1,2-DICHLORO-

Waste code: U154
Waste name: METHANOL (I)

Waste code: U161
Waste name: METHYL ISOBUTYL KETONE (I)

Waste code: U190
Waste name: 1,3-ISOBENZOFURANDIONE

Waste code: U196
Waste name: PYRIDINE

Waste code: U197
Waste name: P-BENZOQUINONE

Waste code: U210
Waste name: ETHENE, TETRACHLORO-

Waste code: U213
Waste name: FURAN, TETRAHYDRO-(I)

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DUPONT & CO - HOLLY RUN PLANT (Continued)

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Waste code: U219
Waste name: THIOUREA

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U238
Waste name: CARBAMIC ACID, ETHYL ESTER

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 04/24/1991
Date achieved compliance: 06/06/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/24/1991
Date achieved compliance: 06/06/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 04/24/1991
Date achieved compliance: 06/06/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/24/1991
Date achieved compliance: 06/06/1991
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/24/1991
Date achieved compliance: 06/06/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/07/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/04/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/03/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 06/06/1991
Evaluation lead agency: State

Evaluation date: 01/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 06/06/1991
Evaluation lead agency: State

Evaluation date: 01/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Date achieved compliance: 06/06/1991
Evaluation lead agency: State

Evaluation date: 01/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/06/1991
Evaluation lead agency: State

Evaluation date: 01/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/06/1991
Evaluation lead agency: State

Evaluation date: 01/09/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

US ENG CONTROLS:

EPA ID: DED980555122
Site ID: 0300093
Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)
Address: JAMES & WATER STS
NEWPORT, DE 19804

EPA Region: 03
County: NEW CASTLE
Event Code: Not reported
Actual Date: Not reported

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 5/18/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 5/18/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Passive Treatment Walls

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 5/18/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Engineering Control: Slurry Wall

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 5/18/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 5/18/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Impermeable Barrier

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 5/18/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Operations & Maintenance (O&M)

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 5/18/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Revegetation

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 5/18/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Slope Stabilization

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Alternate Drinking Water, Permanent Replacement

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Consolidate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Dewatering

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Revegetation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Slope Stabilization

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Wetlands Replacement

Action ID: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Other, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/26/1993
Planned Complet. date: 3/31/1993
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Treatment, (N.O.S.)

US INST CONTROL:

EPA ID: DED980555122
Site ID: 0300093
Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)
Action Name: Explanation Of Significant Differences
Address: JAMES & WATER STS
NEWPORT, DE 19804
EPA Region: 03
County: NEW CASTLE
Event Code: Not reported
Inst. Control: Deed Notices
Actual Date: Not reported
Comple. Date: 05/18/01
Operable Unit: 01
Contaminated Media : Groundwater

EPA ID: DED980555122
Site ID: 0300093
Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)
Action Name: Explanation Of Significant Differences
Address: JAMES & WATER STS
NEWPORT, DE 19804
EPA Region: 03
County: NEW CASTLE
Event Code: Not reported
Inst. Control: Easement
Actual Date: Not reported
Comple. Date: 05/18/01
Operable Unit: 01
Contaminated Media : Groundwater

EPA ID: DED980555122
Site ID: 0300093

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)
Action Name: Explanation Of Significant Differences
Address: JAMES & WATER STS
NEWPORT, DE 19804
EPA Region: 03
County: NEW CASTLE
Event Code: Not reported
Inst. Control: Deed Notices
Actual Date: Not reported
Compleat. Date: 05/18/01
Operable Unit: 01
Contaminated Media : Soil

EPA ID: DED980555122
Site ID: 0300093
Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)
Action Name: Explanation Of Significant Differences
Address: JAMES & WATER STS
NEWPORT, DE 19804
EPA Region: 03
County: NEW CASTLE
Event Code: Not reported
Inst. Control: Easement
Actual Date: Not reported
Compleat. Date: 05/18/01
Operable Unit: 01
Contaminated Media : Soil

EPA ID: DED980555122
Site ID: 0300093
Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)
Action Name: RECORD OF DECISION
Address: JAMES & WATER STS
NEWPORT, DE 19804
EPA Region: 03
County: NEW CASTLE
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Compleat. Date: 08/26/93
Operable Unit: 01
Contaminated Media : Groundwater

EPA ID: DED980555122
Site ID: 0300093
Name: E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)
Action Name: RECORD OF DECISION
Address: JAMES & WATER STS
NEWPORT, DE 19804
EPA Region: 03
County: NEW CASTLE
Event Code: Not reported
Inst. Control: Access Restriction, Fencing
Actual Date: Not reported
Compleat. Date: 08/26/93
Operable Unit: 01
Contaminated Media : Sediment

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

NY MANIFEST:

EPA ID: DED980555122
Country: USA
Mailing Name: E I DUPONT DENEMOURS & COMPANY
Mailing Contact: PETER E. KRESS
Mailing Address: JAMES & WATER STREETS
Mailing Address 2: Not reported
Mailing City: NEWPORT
Mailing State: DE
Mailing Zip: 19804
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 302-999-6343

Document ID: NYA7365924
Manifest Status: Completed copy
Trans1 State ID: TS16120PD
Trans2 State ID: Not reported
Generator Ship Date: 940926
Trans1 Recv Date: 940926
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940927
Part A Recv Date: 941005
Part B Recv Date: 941006
Generator EPA ID: DED980555122
Trans1 EPA ID: PAD014146179
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 94
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB8329923
Manifest Status: Not reported
Trans1 State ID: PAD014146179
Trans2 State ID: Not reported
Generator Ship Date: 11/18/1998
Trans1 Recv Date: 11/18/1998

Map ID
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Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/19/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: PATS16120
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 02920
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 98
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB8329554
Manifest Status: Not reported
Trans1 State ID: PAD014146179
Trans2 State ID: Not reported
Generator Ship Date: 02/18/1998
Trans1 Recv Date: 02/18/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/19/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: PATS16120
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 20060
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 98
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB8329617
Manifest Status: Not reported
Trans1 State ID: PAD014146179
Trans2 State ID: Not reported
Generator Ship Date: 06/02/1998
Trans1 Recv Date: 06/02/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/03/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: PATS16120
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 03060
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 98
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB8329653
Manifest Status: Not reported
Trans1 State ID: PAD014146179
Trans2 State ID: Not reported
Generator Ship Date: 08/17/1998
Trans1 Recv Date: 08/17/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/18/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: NYD049836679

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Trans2 EPA ID: Not reported
TSDF ID: PATS16120
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 05000
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 98
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYA7366059
Manifest Status: Completed copy
Trans1 State ID: TS16120PD
Trans2 State ID: Not reported
Generator Ship Date: 950209
Trans1 Recv Date: 950209
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950210
Part A Recv Date: 950217
Part B Recv Date: 950227
Generator EPA ID: DED980555122
Trans1 EPA ID: PAD014146179
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 12380
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Mgmt Method Type Code: Not reported

Document ID: NYB9544878
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: NJD054126164
Generator Ship Date: 05/11/2001
Trans1 Recv Date: 05/11/2001
Trans2 Recv Date: 05/14/2001
TSD Site Recv Date: 05/14/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: 0463664
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 03150
Units: P - Pounds
Number of Containers: 009
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB9460602
Manifest Status: Not reported
Trans1 State ID: PAD146714878
Trans2 State ID: Not reported
Generator Ship Date: 03/12/2001
Trans1 Recv Date: 03/12/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/13/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: XC76513PA
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 42000
Units: P - Pounds
Number of Containers: 121

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: DEO0002572
Manifest Status: Completed copy
Trans1 State ID: N70562
Trans2 State ID: Not reported
Generator Ship Date: 820922
Trans1 Recv Date: 820922
Trans2 Recv Date: Not reported
TSD Site Recv Date: 820923
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 35700
Units: P - Pounds
Number of Containers: 102
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 82
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: DEO0002573
Manifest Status: Completed copy
Trans1 State ID: N70562

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Trans2 State ID:	Not reported
Generator Ship Date:	821005
Trans1 Recv Date:	821005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	821005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	DED980555122
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSD ID:	NYD049836679
Waste Code:	D007 - CHROMIUM 5.0 MG/L TCLP
Quantity:	38500
Units:	P - Pounds
Number of Containers:	110
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	82
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported
Document ID:	DEO0002574
Manifest Status:	Completed copy
Trans1 State ID:	T80860
Trans2 State ID:	Not reported
Generator Ship Date:	820923
Trans1 Recv Date:	820923
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	820924
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	DED980555122
Trans1 EPA ID:	DET110010055
Trans2 EPA ID:	Not reported
TSD ID:	NYD080336241
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	14400
Units:	P - Pounds
Number of Containers:	036
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	82
Manifest Tracking Num:	Not reported
Import Ind:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: DEO0002578
Manifest Status: Completed copy
Trans1 State ID: T80813
Trans2 State ID: Not reported
Generator Ship Date: 821012
Trans1 Recv Date: 821012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 821013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: DED980551212
Trans2 EPA ID: Not reported
TSDF ID: NYD080336241
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 25600
Units: P - Pounds
Number of Containers: 064
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 82
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: DEO0002579
Manifest Status: Completed copy
Trans1 State ID: N70562
Trans2 State ID: Not reported
Generator Ship Date: 821015
Trans1 Recv Date: 821015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 821015
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Part B Recv Date:	Not reported
Generator EPA ID:	DED980555122
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSD ID:	NYD049836679
Waste Code:	D007 - CHROMIUM 5.0 MG/L TCLP
Quantity:	32500
Units:	P - Pounds
Number of Containers:	093
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	02975
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	82
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported
Document ID:	DEO0002587
Manifest Status:	Completed copy
Trans1 State ID:	DET8087
Trans2 State ID:	Not reported
Generator Ship Date:	821215
Trans1 Recv Date:	821215
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	821216
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	DED980555122
Trans1 EPA ID:	DED9805551212
Trans2 EPA ID:	Not reported
TSD ID:	NYD080336241
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	25600
Units:	P - Pounds
Number of Containers:	064
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	82
Manifest Tracking Num:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: DEO0002559
Manifest Status: Completed copy
Trans1 State ID: DET8087
Trans2 State ID: Not reported
Generator Ship Date: 820630
Trans1 Recv Date: 820630
Trans2 Recv Date: Not reported
TSD Site Recv Date: 820701
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: DET110010055
Trans2 EPA ID: Not reported
TSDF ID: NYD080336241
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 25200
Units: P - Pounds
Number of Containers: 063
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 100
Year: 82
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: DEO0002570
Manifest Status: Completed copy
Trans1 State ID: T80860
Trans2 State ID: Not reported
Generator Ship Date: 820916
Trans1 Recv Date: 820916
Trans2 Recv Date: Not reported
TSD Site Recv Date: 820917

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: DED980555122
Trans1 EPA ID: DET110010055
Trans2 EPA ID: Not reported
TSDF ID: NYD080336241
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 25600
Units: P - Pounds
Number of Containers: 064
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 82
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB5763609
Manifest Status: Completed copy
Trans1 State ID: TS16120PA
Trans2 State ID: Not reported
Generator Ship Date: 921203
Trans1 Recv Date: 921203
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921204
Part A Recv Date: 921215
Part B Recv Date: 921217
Generator EPA ID: DED980555122
Trans1 EPA ID: PAD014146179
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 33880
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: Not reported
Year: 92
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB5763618
Manifest Status: Completed copy
Trans1 State ID: Not reported
Trans2 State ID: PATN11610
Generator Ship Date: 921203
Trans1 Recv Date: 921203
Trans2 Recv Date: 921203
TSD Site Recv Date: 921204
Part A Recv Date: 921215
Part B Recv Date: 921217
Generator EPA ID: DED980555122
Trans1 EPA ID: PAD014146179
Trans2 EPA ID: PAD014146179
TSDF ID: NYD049836679
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 12280
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: Not reported
Year: 92
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB4497255
Manifest Status: Completed copy
Trans1 State ID: TW36967
Trans2 State ID: Not reported
Generator Ship Date: 920731
Trans1 Recv Date: 920731
Trans2 Recv Date: 920801
TSD Site Recv Date: 920803
Part A Recv Date: Not reported
Part B Recv Date: 920818
Generator EPA ID: DED980555122
Trans1 EPA ID: PAD064035819
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: Not reported
Year: 92
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB7922916
Manifest Status: Completed copy
Trans1 State ID: TS16120PA
Trans2 State ID: Not reported
Generator Ship Date: 951012
Trans1 Recv Date: 951012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 951016
Part A Recv Date: Not reported
Part B Recv Date: 951027
Generator EPA ID: DED980555122
Trans1 EPA ID: PAD014146179
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 05000
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 95
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUPONT & CO - HOLLY RUN PLANT (Continued)

1000348646

[Click this hyperlink](#) while viewing on your computer to access
69 additional NY_MANIFEST: record(s) in the EDR Site Report.

K59
South
1/2-1
0.944 mi.
4984 ft.

E.I. DUPONT;NEWPORT LANDFILL(OU1;OU3-OU8)
JAMES STREET / WATER STREET
NEWPORT, DE 19804
Site 2 of 3 in cluster K

SHWS S104642977
N/A

Relative:
Lower

SHWS:
Facility ID: DE-0020
Program: NPL

Actual:
12 ft.

K60
South
1/2-1
0.944 mi.
4984 ft.

CIBA-GEIGY SEEP
JAMES STREET / WATER STREET
NEWPORT, DE 19804
Site 3 of 3 in cluster K

SHWS S102021027
N/A

Relative:
Lower

SHWS:
Facility ID: DE-0271
Program: HSCA

Actual:
12 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW CASTLE COUNTY	S105076960	PORT PENN ORDNANCE MODIFICATION PL	DELAWARE ROUTE 9 / THORNTON		SHWS
NEWPORT	A100303212	WILLOW BANK SITE	I-95 & ROUTE 141	19804	AST
NEWPORT	S105702107	DELDOT:NEWPORT MAINTENANCE YD.	ROUTE 41 / WASHINGTON STREET	19804	LUST
NEWPORT	U003962865	DELDOT DIVISION OF HIGHWAY OPERATI	ROUTE 41 & WASHINGTON STREET,	19804	UST
NEWPORT	1003864640	TISDEL PROPERTY	KIAMENSI RD	19804	SHWS, CERC-NFRAP
NEWPORT	A100264292	PNC BANK BUILDING WILMINGTON	103 MARYLAND AVENUE & WINSTON	19804	AST
NEWPORT	1000348809	NEWPORT DRUM SITE	MARYLAND AVENUE / KIAMENSI R	19804	SHWS
NEWPORT	S105708330	SILVIEW AUTOMOTIVE (#2)	806 NEWPORT PIKE	19804	LUST
NEWPORT	U003963588	SILVIEW AUTO	806 NEWPORT PIKE	19804	LUST, UST
NEWPORT	1003864653	BREAD & CHEESE	OFF RTE 4	19804	SHWS, CERC-NFRAP
NEWPORT	1003864639	TIMKO BROTHERS LANDFILL	EAST SIDE RTE 7	19804	SHWS, CERC-NFRAP
NEWPORT	U003963427	MIDWAY MUFFLER	701 WILMINGTON HIGHWAY	19804	LUST, UST
STANTON	1000261899	DAVIS BUS SERVICE INC	RTE 7	19804	FINDS, RCRA-NonGen
WILMINGTON	A100303251	CHESTNUT RUN PLAZA - RT 141 & FAUL	ROUTE 141 & FAULKLAND ROAD	19805	AST
WILMINGTON	S105702184	DOT RESIDENTIAL SITE	ROUTE 48 / HERCULES ROAD	19808	LAST
WILMINGTON	S106696722	PALADIN CLUB APTS.	4401 CLIFTON PARK DRIVE		LUST
WILMINGTON	S108855911	DELAWARE & VANBUREN AVE.	DELAWARE AVENUE / VAN BUREN		SHWS
WILMINGTON	1000397277	WASTE MANAGEMENT OF DELAWARE	230 S DUPONT HWY	19805	FINDS, RCRA-NonGen
WILMINGTON	S105708181	CHARLES FERRIS	806 KIRKWOOD HIGHWAY	19805	LUST
WILMINGTON	U003963307	CHARLES A FERRIS	806 KIRKWOOD HIGHWAY	19805	UST
WILMINGTON	S106113415	BLUE BALL BARN - DELDOT	US ROUTE 202 / ROCKLAND ROAD		LUST
WILMINGTON	U004129478	ABANDONED GAS STATION - WILMINGTON	US ROUTE 13 SOUTH	19805	UST
WILMINGTON	U003963522	ABANDONED GAS STATION	US ROUTE 13 SOUTH	19805	LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/30/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/09/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/14/2009
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/15/2009	Source: EPA
Date Data Arrived at EDR: 09/22/2009	Telephone: 800-424-9346
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/31/2009
Date Data Arrived at EDR: 09/17/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 53

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/06/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Hazardous Substance Release Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/09/2009
Date Data Arrived at EDR: 09/09/2009
Date Made Active in Reports: 09/25/2009
Number of Days to Update: 16

Source: Department of Natural Resources and Environmental Control
Telephone: 302-395-2600
Last EDR Contact: 09/09/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/13/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 10/19/2009
Number of Days to Update: 5

Source: Department of Natural Resources and Environmental Control
Telephone: 302-739-3820
Last EDR Contact: 10/14/2009
Next Scheduled EDR Contact: 01/25/2010
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Project Listing

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/15/2009
Date Data Arrived at EDR: 08/10/2009
Date Made Active in Reports: 08/26/2009
Number of Days to Update: 16

Source: Department of Natural Resources and Environmental Control
Telephone: 302-395-2500
Last EDR Contact: 10/27/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LAST: Leaking Aboveground Storage Tank Sites

Leaking aboveground storage tank site locations.

Date of Government Version: 07/15/2009

Date Data Arrived at EDR: 08/10/2009

Date Made Active in Reports: 08/26/2009

Number of Days to Update: 16

Source: Department of Natural Resources & Control

Telephone: 302-395-2500

Last EDR Contact: 10/27/2009

Next Scheduled EDR Contact: 02/08/2010

Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/24/2009

Date Data Arrived at EDR: 09/10/2009

Date Made Active in Reports: 10/22/2009

Number of Days to Update: 42

Source: EPA Region 8

Telephone: 303-312-6271

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009

Date Data Arrived at EDR: 05/20/2009

Date Made Active in Reports: 06/17/2009

Number of Days to Update: 28

Source: EPA Region 7

Telephone: 913-551-7003

Last EDR Contact: 11/04/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/24/2009

Date Data Arrived at EDR: 08/26/2009

Date Made Active in Reports: 09/21/2009

Number of Days to Update: 26

Source: EPA Region 6

Telephone: 214-665-6597

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/20/2009

Date Data Arrived at EDR: 08/21/2009

Date Made Active in Reports: 09/21/2009

Number of Days to Update: 31

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009

Date Data Arrived at EDR: 02/19/2009

Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA Region 1

Telephone: 617-918-1313

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/20/2009

Date Data Arrived at EDR: 08/26/2009

Date Made Active in Reports: 10/22/2009

Number of Days to Update: 57

Source: EPA Region 4

Telephone: 404-562-8677

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/21/2009
Date Data Arrived at EDR: 10/06/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/10/2009
Date Data Arrived at EDR: 08/10/2009
Date Made Active in Reports: 08/27/2009
Number of Days to Update: 17

Source: Department of Natural Resources and Environmental Control
Telephone: 302-395-2500
Last EDR Contact: 10/27/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Sites

Facilities with aboveground storage tanks.

Date of Government Version: 10/13/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 8

Source: Department of Natural Resources and Environmental Control
Telephone: 302-739-4764
Last EDR Contact: 10/14/2009
Next Scheduled EDR Contact: 01/25/2010
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/22/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 26

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 57

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/21/2009	Source: EPA Region 9
Date Data Arrived at EDR: 08/26/2009	Telephone: 415-972-3368
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 57	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/24/2009	Source: EPA Region 8
Date Data Arrived at EDR: 09/10/2009	Telephone: 303-312-6137
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/20/2009	Source: EPA Region 10
Date Data Arrived at EDR: 08/21/2009	Telephone: 206-553-2857
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 11/04/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

Inst Control: All Sites with Deed Restrictions

Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/28/2009	Source: Department of Natural Resources & Environmental Control
Date Data Arrived at EDR: 09/28/2009	Telephone: 302-395-2600
Date Made Active in Reports: 10/19/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/04/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 10/05/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

When a property is contaminated with hazardous substances there are liabilities associated with the cleanup of the site under Federal and State Superfund laws, regardless of who caused the contamination and when it was caused. Because of this liability, old industrial sites (with contamination) located close to well developed infrastructure do not attract developers or buyers. These individuals prefer to purchase pristine property without contamination known as "greenfield." Under the Voluntary Cleanup Program (VCP) developers and buyers performing the cleanup of contaminated properties would be provided the much needed protection from potential liabilities for past contamination. Thus, they can proceed with the purchase or development of the property with the assurance that they will not be held liable for environmental problems that were a result of past practices at the site.

Date of Government Version: 09/28/2009	Source: Department of Natural Resources & Environmental Control
Date Data Arrived at EDR: 09/28/2009	Telephone: 302-395-2600
Date Made Active in Reports: 10/19/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/04/2010
	Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Certified Brownfields

Sites that have requested brownfields certification from the Secretary of DNREC.

Date of Government Version: 07/15/2009	Source: Dept. of Natural Resources & Environmental Control
Date Data Arrived at EDR: 09/25/2009	Telephone: 302-739-4764
Date Made Active in Reports: 10/19/2009	Last EDR Contact: 08/28/2009
Number of Days to Update: 24	Next Scheduled EDR Contact: 11/30/2009
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2009	Telephone: 202-566-2777
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/04/2009
Number of Days to Update: 59	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-972-3336
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/23/2009
Number of Days to Update: 137	Next Scheduled EDR Contact: 12/21/2009
	Data Release Frequency: Varies

SWRCY: Recyclers Directory

A listing of recycling facilities.

Date of Government Version: 01/31/2006	Source: Delaware Economic Development Office
Date Data Arrived at EDR: 03/22/2007	Telephone: 302-739-4271
Date Made Active in Reports: 03/29/2007	Last EDR Contact: 10/15/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/09/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/01/2009	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/22/2009	Telephone: 202-307-1000
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/26/2009
Number of Days to Update: 91	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/18/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/21/2009	Telephone: 202-564-6023
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/02/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 09/08/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/07/2009
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/05/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/05/2009	Telephone: 202-366-4555
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 10/05/2009
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: Environmental Release Notification System

The Department of Natural Resources and Environmental Control (DNREC) developed this system to allow Delawareans to learn promptly of releases or discharges of contaminants or pollutants that meet or exceed certain thresholds in their neighborhoods or throughout the state.

Date of Government Version: 09/13/2009
Date Data Arrived at EDR: 09/15/2009
Date Made Active in Reports: 09/25/2009
Number of Days to Update: 10

Source: Department of Natural Resources & Environmental Control
Telephone: 302-739-9902
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/10/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/30/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/03/2009
Date Data Arrived at EDR: 10/27/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 13

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/06/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 09/22/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/22/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2009
Date Data Arrived at EDR: 09/18/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 52

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/07/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 08/21/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/27/2009	Telephone: 202-564-5088
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 05/27/2009	Source: EPA
Date Data Arrived at EDR: 08/05/2009	Telephone: 202-566-0500
Date Made Active in Reports: 09/29/2009	Last EDR Contact: 10/21/2009
Number of Days to Update: 55	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/06/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/13/2009	Telephone: 301-415-7169
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/21/2009
Number of Days to Update: 70	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/28/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/28/2009	Telephone: 202-343-9775
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/16/2009
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/23/2009	Source: EPA
Date Data Arrived at EDR: 07/28/2009	Telephone: (215) 814-5000
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/09/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Biennially

UIC: Underground Injection Wells Inventory Listing

A listing of underground injection well locations.

Date of Government Version: 08/31/2009
Date Data Arrived at EDR: 08/31/2009
Date Made Active in Reports: 09/10/2009
Number of Days to Update: 10

Source: DNREC
Telephone: 302-739-9948
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

DRYCLEANERS: DRYCLEANERS

A listing of drycleaner facility locations.

Date of Government Version: 09/16/2009
Date Data Arrived at EDR: 09/17/2009
Date Made Active in Reports: 09/25/2009
Number of Days to Update: 8

Source: Department of Natural Resources & Environmental Control
Telephone: 302-739-9400
Last EDR Contact: 06/23/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Quarterly

ENFORCEMENT: Notice of Violations

Notice of violations are based on the observations of, and information submitted to, DNREC personnel. They only represent preliminary findings of the Department and are subject to further technical and legal review. These notices may or may not result in an enforcement action. Divisions included are Water Resources Air & Waste Management

Date of Government Version: 09/04/2009
Date Data Arrived at EDR: 09/15/2009
Date Made Active in Reports: 09/25/2009
Number of Days to Update: 10

Source: Department of Natural Resources & Conservation
Telephone: 302-738-9401
Last EDR Contact: 11/09/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Quarterly

NPDES: Wasterwater Permit Listing

A listing of wastewater permits.

Date of Government Version: 10/13/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 10/19/2009
Number of Days to Update: 5

Source: Department of Natural Resources & Environmental Control
Telephone: 302-739-9946
Last EDR Contact: 10/14/2009
Next Scheduled EDR Contact: 01/25/2010
Data Release Frequency: Quarterly

AIRS: Air Emissions Listing

A listing of facilities with air emissions.

Date of Government Version: 10/13/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 10/19/2009
Number of Days to Update: 5

Source: Department of Natural Resources & Environmental Control
Telephone: 302-323-4542
Last EDR Contact: 10/14/2009
Next Scheduled EDR Contact: 01/25/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 09/16/2009
Date Data Arrived at EDR: 09/16/2009
Date Made Active in Reports: 09/25/2009
Number of Days to Update: 9

Source: Department of Natural Resources & Environmental Control
Telephone: 302-739-9405
Last EDR Contact: 11/09/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/09/2009
Date Data Arrived at EDR: 09/09/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/09/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 05/05/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 17

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/20/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/28/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/10/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008

Date Data Arrived at EDR: 07/17/2009

Date Made Active in Reports: 08/10/2009

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/24/2009

Next Scheduled EDR Contact: 01/04/2010

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Services for Children

Telephone: 302-633-2500

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Statewide Wetlands Mapping Project

Source: Dept. of Natural Resources & Environmental Conservation

Telephone: 302-739-4691

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1190 - GMVM WILMINGTON
801 BOXWOOD ROAD
WILMINGTON, DE 19804

TARGET PROPERTY COORDINATES

Latitude (North):	39.72840 - 39° 43' 42.2"
Longitude (West):	75.6118 - 75° 36' 42.5"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	447569.1
UTM Y (Meters):	4397582.5
Elevation:	79 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	39075-F5 WILMINGTON SOUTH, DE
Most Recent Revision:	1997
West Map:	39075-F6 NEWARK EAST, DE
Most Recent Revision:	1993

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

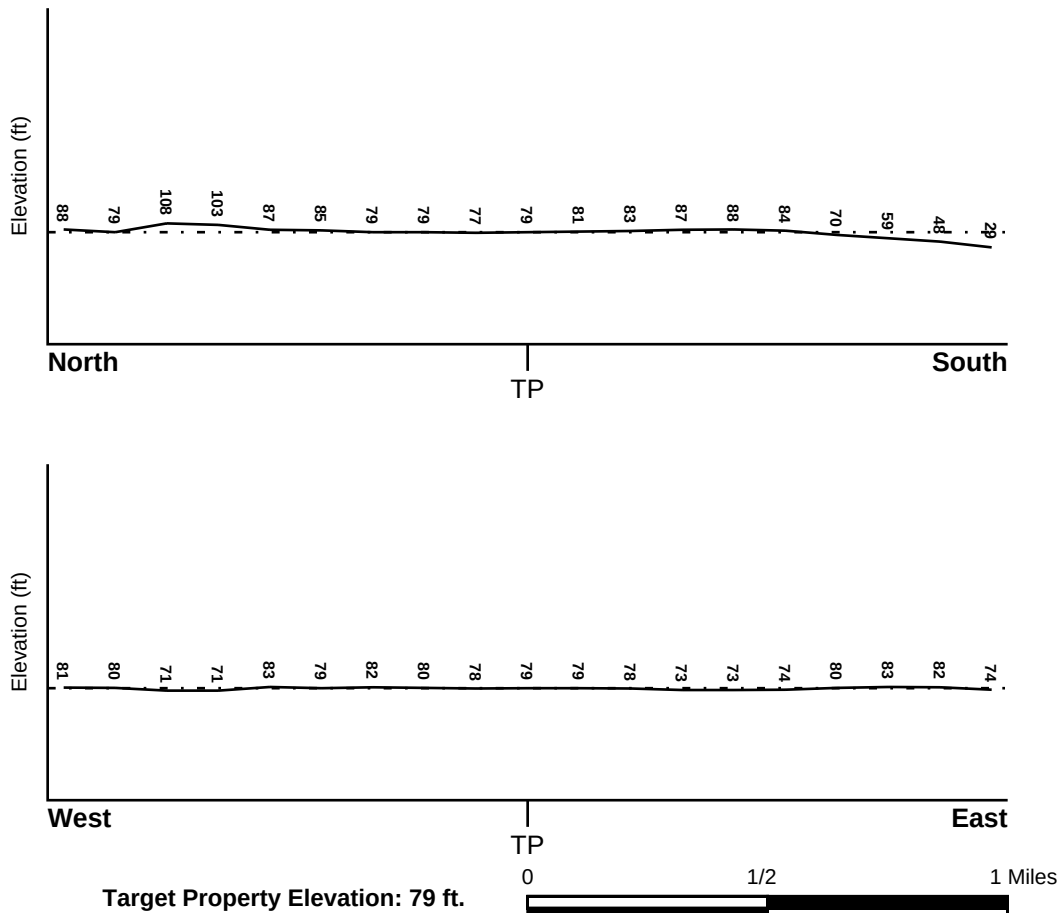
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
NEW CASTLE, DE

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 10003C0151F

Additional Panels in search area:
10003C0135F
10003C0152F
10003C0155F

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
WILMINGTON SOUTH

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Cretaceous
Series: Lower Cretaceous
Code: IK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinator soil types may appear within the general area of target property.

Soil Surface Textures: extremely gravelly - coarse sand
silt loam
loam

Surficial Soil Types: extremely gravelly - coarse sand
silt loam
loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: extremely gravelly - sand
sand
stratified
clay loam
loam
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

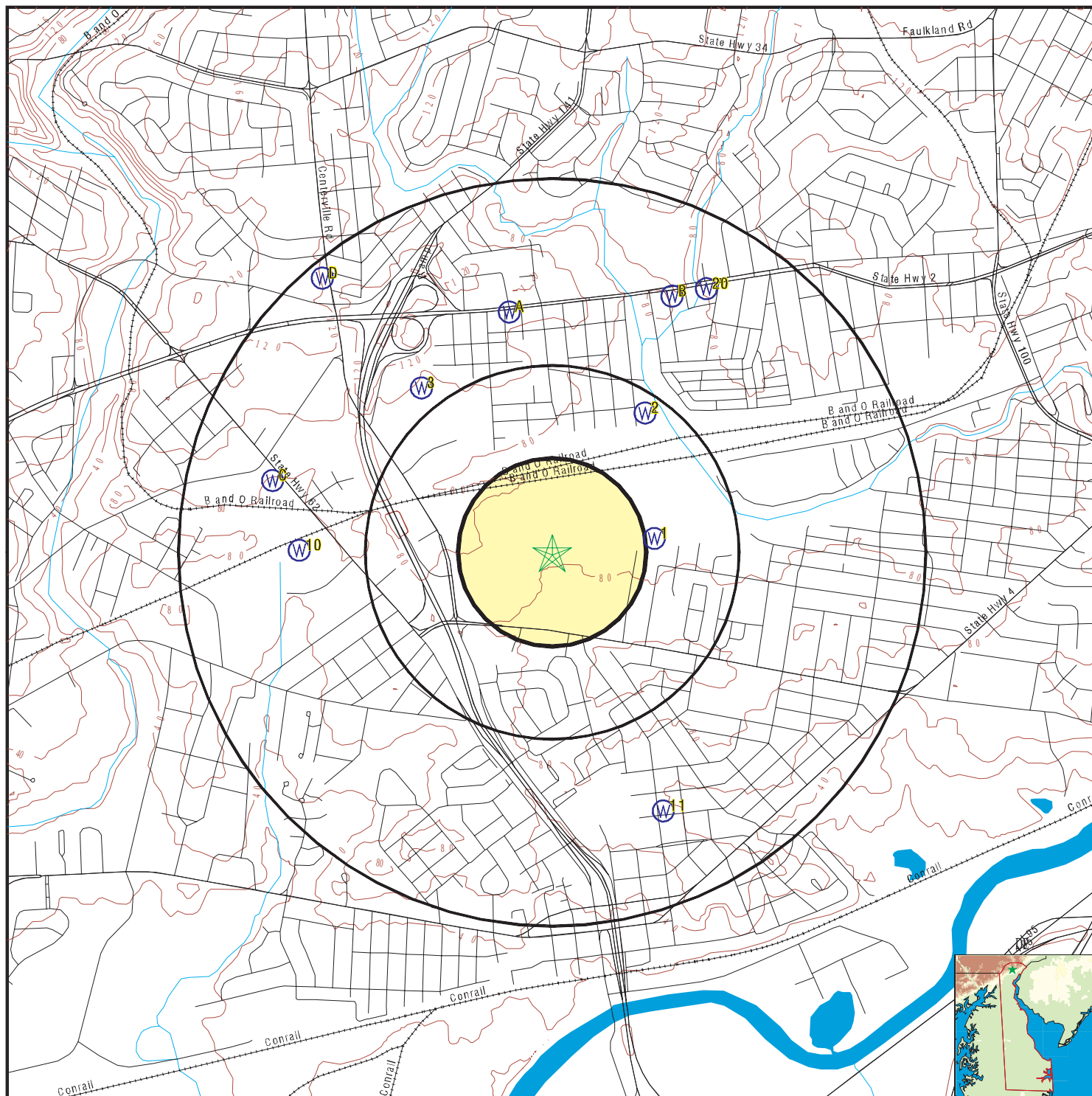
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	200085	1/4 - 1/2 Mile East
2	49925	1/4 - 1/2 Mile NNE
3	198411	1/2 - 1 Mile NW
A4	185754	1/2 - 1 Mile North
A5	185753	1/2 - 1 Mile North
A6	185756	1/2 - 1 Mile North
A7	185755	1/2 - 1 Mile North
A8	185695	1/2 - 1 Mile North
A9	185752	1/2 - 1 Mile North
10	194256	1/2 - 1 Mile West
11	172951	1/2 - 1 Mile SSE
B12	176804	1/2 - 1 Mile NNE
B13	176806	1/2 - 1 Mile NNE
B14	176807	1/2 - 1 Mile NNE
B15	176805	1/2 - 1 Mile NNE
C16	167352	1/2 - 1 Mile WNW
C17	167351	1/2 - 1 Mile WNW
C18	167350	1/2 - 1 Mile WNW
C19	169419	1/2 - 1 Mile WNW
20	167153	1/2 - 1 Mile NNE
D21	194224	1/2 - 1 Mile NW
D22	194260	1/2 - 1 Mile NW
D23	190200	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 2643698.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

0 1/4 1/2 1 Miles



SITE NAME: 1190 - GMVM Wilmington
 ADDRESS: 801 Boxwood Road
 Wilmington DE 19804
 LAT/LONG: 39.7284 / 75.6118

CLIENT: LFR Inc
 CONTACT: Sean Drain
 INQUIRY #: 2643698.2s
 DATE: November 20, 2009 1:57 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

East

DE WELLS

200085

1/4 - 1/2 Mile

Lower

X:	183712	Y:	191951
PERMIT NUM:	200085	LOCAL ID:	Boxwood rd
DGSID:	Not Reported	TAX MAP NU:	07-042.10-056
OWNER ID:	701REYBVG	MODIFIED G:	092-354
TOTAL DEPT:	16		
Purpose:	TEST	WELL USE:	Other
DAILY USE:	24		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	4058		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

2
NNE
1/4 - 1/2 Mile
Lower

DE WELLS 49925

X: 183673 PERMIT NUM: 49925 DGSID: Not Reported OWNER ID: 850ARTEWC TOTAL DEPT: 300 Purpose: TEST DAILY USE: 0 DESIRED CA: 0 DATE CONST: Not Reported DATE ABAND: Not Reported FORMATION: UNKNOWN Replaced Reason: None ALTITUDE: 0 ALT Method: NOT CALCULATED CASING BO1: 61 CASING BO2: 0 CASING DI1: 6 CASING DI2: 0 Casing Material: STEEL GRAVEL PA1: 0 Drilling Method: Air Rotary LICENSE NO: 4058 Lat/Lon Method: N LATITUDE: Not Reported GROUT TOP: 72 SCREEN BOT: 300 RETAIN WEL: Not Reported QUAD: WILMINGTON SOUTH PUMP TIME: 4 SCREEN MAT: NONE SWL ABOVE: B STATIC WAT: 12 Well Head Type: OT Head (inches): 12 Head (Above/Below): A SCREEN TOP: 61.5 SCREEN DIA: 6 PUMP RATE: 7 PUMP RATED: Not Reported PUMP INTAK: Not Reported PUMPING WA: 300 PRE OWNER: Not Reported NON GROUT: 20 NON GROUT2: 0 LONGITUDE: Not Reported GROUT FROM: 60 GRAVEL PA2: 0 GRAVEL PA3: Not Reported	Y: 192491 LOCAL ID: Test Well #2 TAX MAP NU: 07-038.03-154 MODIFIED G: 092-356 WELL USE: Public DATE COMPL: 05/09/1982 AQUIFER: U Abandon Method: NONE LONGITUDE C: Not Reported LATITUDE C: Not Reported Grout Type: CEMENT REPLACE WE: Not Reported Pump Type: NONE WELL FINISH: Not Reported SEPTIC PER: Not Reported ORG OWNER: Not Reported DRBC BASIN: BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	05/07/1982
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

3
NW
1/2 - 1 Mile
Higher

DE WELLS 198411

X:	182710	Y:	192601
PERMIT NUM:	198411	LOCAL ID:	GW-1*GW-3
DGSID:	Not Reported	TAX MAP NU:	07-037.40-196
OWNER ID:	103GILBA	MODIFIED G:	092-356
TOTAL DEPT:	17		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	4223		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	12		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

A4
North
1/2 - 1 Mile
Higher

DE WELLS 185754

X:	183089	Y:	192927
PERMIT NUM:	185754	LOCAL ID:	GP-4
DGSID:	Not Reported	TAX MAP NU:	07-038.10-225
OWNER ID:	031MOTIEN	MODIFIED G:	092-356
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

A5
North
1/2 - 1 Mile
Higher

DE WELLS 185753

X:	183089	Y:	192927
PERMIT NUM:	185753	LOCAL ID:	GP-3
DGSID:	Not Reported	TAX MAP NU:	07-038.10-225
OWNER ID:	031MOTIEN	MODIFIED G:	092-356
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

A6
North
1/2 - 1 Mile
Higher

DE WELLS 185756

X:	183089	Y:	192927
PERMIT NUM:	185756	LOCAL ID:	GP-6
DGSID:	Not Reported	TAX MAP NU:	07-038.10-225
OWNER ID:	031MOTIEN	MODIFIED G:	092-356
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

A7
North
1/2 - 1 Mile
Higher

DE WELLS 185755

X:	183089	Y:	192927
PERMIT NUM:	185755	LOCAL ID:	GP-5
DGSID:	Not Reported	TAX MAP NU:	07-038.10-225
OWNER ID:	031MOTIEN	MODIFIED G:	092-356
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

A8
North
1/2 - 1 Mile
Higher

DE WELLS 185695

X:	183089	Y:	192927
PERMIT NUM:	185695	LOCAL ID:	GP 1
DGSID:	Not Reported	TAX MAP NU:	07-038.10-225
OWNER ID:	031MOTIEN	MODIFIED G:	092-356
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

A9
North
1/2 - 1 Mile
Higher

DE WELLS 185752

X:	183089	Y:	192927
PERMIT NUM:	185752	LOCAL ID:	GP-2
DGSID:	Not Reported	TAX MAP NU:	07-038.10-225
OWNER ID:	031MOTIEN	MODIFIED G:	092-356
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	Not Reported
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	Not Reported		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

10
West
1/2 - 1 Mile
Lower

DE WELLS 194256

X:	182182	Y:	191903
PERMIT NUM:	194256	LOCAL ID:	MW 8R
DGSID:	Not Reported	TAX MAP NU:	07-041.20-016
OWNER ID:	804DELCHS	MODIFIED G:	090-354
TOTAL DEPT:	31		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	06/30/2003
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	10		
CASING BO2:	0		
CASING DI1:	1		
CASING DI2:	0		
Casing Material:	PVC		
GRAVEL PA1:	8		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	52		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	BENTONITE
GROUT TOP:	8		
SCREEN BOT:	30		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	15		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	10		
SCREEN DIA:	1		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	3		
GRAVEL PA2:	30		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:101,103,104,105

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	WHITE CLAY CREEK	DATE SWL M:	06/30/2003
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

11
SSE
1/2 - 1 Mile
Lower

DE WELLS 172951

X:	183748	Y:	190777
PERMIT NUM:	172951	LOCAL ID:	Dennis Lane
DGSID:	Not Reported	TAX MAP NU:	07-047.20-001
OWNER ID:	707ANDRR	MODIFIED G:	094-352
TOTAL DEPT:	202		
Purpose:	PERMANENT	WELL USE:	Domestic
DAILY USE:	.5		
DESIRED CA:	10		
DATE CONST:	Not Reported	DATE COMPL:	06/30/1999
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	NONE
Replaced Reason:	IW		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	80		
CASING BO2:	0		
CASING DI1:	6		
CASING DI2:	0		
Casing Material:	PVC		
GRAVEL PA1:	0		
Drilling Method:	Air Rotary	LONGITUDE C:	Not Reported
LICENSE NO:	363		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	CEMENT
GROUT TOP:	80		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Y
QUAD:	WILMINGTON SOUTH	Pump Type:	GOULDS
PUMP TIME:	8		
SCREEN MAT:	NONE	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	15		
Well Head Type:	PITLESS ADAPTOR		
Head (inches):	42		
Head (Above/Below):	A	SEPTIC PER:	existing
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	10		
PUMP RATED:	10		
PUMP INTAK:	150		
PUMPING WA:	50		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	07/06/2000
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

B12
NNE
1/2 - 1 Mile
Higher

DE WELLS 176804

X:	183790	Y:	192994
PERMIT NUM:	176804	LOCAL ID:	MW-1-MW-4
DGSID:	Not Reported	TAX MAP NU:	07-038.20-014
OWNER ID:	805CHONC	MODIFIED G:	092-356
TOTAL DEPT:	16		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	02/20/2001
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	5		
CASING BO2:	1		
CASING DI1:	2		
CASING DI2:	1		
Casing Material:	PVC		
GRAVEL PA1:	4		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	52		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	BENTONITE
GROUT TOP:	4		
SCREEN BOT:	15		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	7.5		
Well Head Type:	PAD MOUNT		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	5		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	1		
GRAVEL PA2:	16		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	02/20/2001
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

B13
NNE
1/2 - 1 Mile
Higher

DE WELLS 176806

X:	183790	Y:	192994
PERMIT NUM:	176806	LOCAL ID:	MW-3
DGSID:	Not Reported	TAX MAP NU:	07-038.20-014
OWNER ID:	805CHONC	MODIFIED G:	092-356
TOTAL DEPT:	16		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	02/21/2001
DATE ABAND:	Not Reported	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	5		
CASING BO2:	1		
CASING DI1:	2		
CASING DI2:	1		
Casing Material:	PVC		
GRAVEL PA1:	4		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	52		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	BENTONITE
GROUT TOP:	1		
SCREEN BOT:	15		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	5		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	4		
GRAVEL PA2:	16		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

B14
NNE
1/2 - 1 Mile
Higher

DE WELLS 176807

X:	183790	Y:	192994
PERMIT NUM:	176807	LOCAL ID:	MW-4
DGSID:	Not Reported	TAX MAP NU:	07-038.20-014
OWNER ID:	805CHONC	MODIFIED G:	092-356
TOTAL DEPT:	16		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	02/20/2001
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	5		
CASING BO2:	2		
CASING DI1:	2		
CASING DI2:	2		
Casing Material:	PVC		
GRAVEL PA1:	4		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	52		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	BENTONITE
GROUT TOP:	4		
SCREEN BOT:	15		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	6.5		
Well Head Type:	PAD MOUNT		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	5		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	1		
GRAVEL PA2:	16		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	02/20/2001
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

B15
NNE
1/2 - 1 Mile
Higher

DE WELLS 176805

X:	183790	Y:	192994
PERMIT NUM:	176805	LOCAL ID:	MW-2
DGSID:	Not Reported	TAX MAP NU:	07-038.20-014
OWNER ID:	805CHONC	MODIFIED G:	092-356
TOTAL DEPT:	16		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	02/20/2001
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	5		
CASING BO2:	1		
CASING DI1:	2		
CASING DI2:	1		
Casing Material:	PVC		
GRAVEL PA1:	4		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	52		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	BENTONITE
GROUT TOP:	4		
SCREEN BOT:	15		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	8.5		
Well Head Type:	PAD MOUNT		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	5		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	1		
GRAVEL PA2:	16		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	02/20/2001
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C16
WNW
1/2 - 1 Mile
Higher

DE WELLS 167352

X:	182069	Y:	192202
PERMIT NUM:	167352	LOCAL ID:	MW 3
DGSID:	Not Reported	TAX MAP NU:	07-037.40-123
OWNER ID:	808EJHOLC	MODIFIED G:	088-354
TOTAL DEPT:	15		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	09/01/1999
DATE ABAND:	02/20/2002	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	BENTONITE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	5		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	PVC		
GRAVEL PA1:	3		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	756		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	OTHER
GROUT TOP:	3		
SCREEN BOT:	15		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	NEWARK EAST	Pump Type:	NONE
PUMP TIME:	.2		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	7		
Well Head Type:	OT		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	5		
SCREEN DIA:	2		
PUMP RATE:	.5		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	15		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:101,103,104,105

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	RED CLAY CREEK	DATE SWL M:	09/01/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C17
WNW
1/2 - 1 Mile
Higher

DE WELLS 167351

X:	182069	Y:	192202
PERMIT NUM:	167351	LOCAL ID:	MW 2
DGSID:	Not Reported	TAX MAP NU:	07-037.40-123
OWNER ID:	808EJHOLC	MODIFIED G:	088-354
TOTAL DEPT:	15		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	09/01/1999
DATE ABAND:	02/20/2002	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	BENTONITE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	5		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	PVC		
GRAVEL PA1:	3		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	756		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	OTHER
GROUT TOP:	3		
SCREEN BOT:	15		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	NEWARK EAST	Pump Type:	NONE
PUMP TIME:	.2		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	7		
Well Head Type:	OT		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	5		
SCREEN DIA:	2		
PUMP RATE:	.5		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	15		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:101,103,104,105

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	RED CLAY CREEK	DATE SWL M:	09/01/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C18
WNW
1/2 - 1 Mile
Higher

DE WELLS 167350

X:	182069	Y:	192202
PERMIT NUM:	167350	LOCAL ID:	MW 1
DGSID:	Not Reported	TAX MAP NU:	07-037.40-123
OWNER ID:	808EJHOLC	MODIFIED G:	088-354
TOTAL DEPT:	15		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	09/01/1999
DATE ABAND:	02/20/2002	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	BENTONITE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	5		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	PVC		
GRAVEL PA1:	3		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	756		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	OTHER
GROUT TOP:	3		
SCREEN BOT:	15		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	NEWARK EAST	Pump Type:	NONE
PUMP TIME:	.2		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	7		
Well Head Type:	OT		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	5		
SCREEN DIA:	2		
PUMP RATE:	.5		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	15		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:101,103,104,105

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	RED CLAY CREEK	DATE SWL M:	09/01/1999
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

C19
WNW
1/2 - 1 Mile
Higher

DE WELLS 169419

X:	182064	Y:	192209
PERMIT NUM:	169419	LOCAL ID:	SB1 - SB7
DGSID:	Not Reported	TAX MAP NU:	07-012.00-152
OWNER ID:	720MATESI	MODIFIED G:	088-354
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Geoprobe
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	03/17/2000
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Geo-probe	LONGITUDE C:	Not Reported
LICENSE NO:	52		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	BENTONITE
GROUT TOP:	20		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	NEWARK EAST	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	B		
STATIC WAT:	16		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:101,103,104,105

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	RED CLAY CREEK	DATE SWL M:	03/17/2000
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

20
NNE
1/2 - 1 Mile
Higher

DE WELLS 167153

X:	183938	Y:	193026
PERMIT NUM:	167153	LOCAL ID:	B-1*B-3
DGSID:	Not Reported	TAX MAP NU:	19-001.00-088
OWNER ID:	801CONOCO	MODIFIED G:	094-356
TOTAL DEPT:	8		
Purpose:	PERMANENT	WELL USE:	Geoprobe
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	10/08/1999
DATE ABAND:	10/08/1999	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	BENTONITE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	NONE		
GRAVEL PA1:	0		
Drilling Method:	Geo-probe	LONGITUDE C:	Not Reported
LICENSE NO:	988		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	NOT GROUTED
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON NORTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	NONE	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	Not Reported
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	8		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

**D21
NW
1/2 - 1 Mile
Higher**

DE WELLS 194224

X:	182288	Y:	193073
PERMIT NUM:	194224	LOCAL ID:	MW-1*MW-2
DGSID:	Not Reported	TAX MAP NU:	07-037.20-100
OWNER ID:	111GPMILL	MODIFIED G:	088-356
TOTAL DEPT:	15.5		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	06/19/2003
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	5.5		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	PVC		
GRAVEL PA1:	4.5	LONGITUDE C:	Not Reported
Drilling Method:	Augered		
LICENSE NO:	4293	LATITUDE C:	Not Reported
Lat/Lon Method:	N	Grout Type:	BENTONITE
LATITUDE:	Not Reported		
GROUT TOP:	4.5		
SCREEN BOT:	15.5	REPLACE WE:	Not Reported
RETAIN WEL:	Not Reported	Pump Type:	NONE
QUAD:	WILMINGTON SOUTH		
PUMP TIME:	0	WELL FINISH:	Not Reported
SCREEN MAT:	PVC		
SWL ABOVE:	A		
STATIC WAT:	0		
Well Head Type:	PAD MOUNT		
Head (inches):	1	SEPTIC PER:	N/A
Head (Above/Below):	A		
SCREEN TOP:	5.5		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	7	ORG OWNER:	Not Reported
PRE OWNER:	Not Reported		
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	2.5		
GRAVEL PA2:	15.5	DRBC BASIN:	BASINS:106,107,108NCD,111,113
GRAVEL PA3:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	06/19/2003
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

D22
NW
1/2 - 1 Mile
Higher

DE WELLS 194260

X:	182288	Y:	193073
PERMIT NUM:	194260	LOCAL ID:	Not Reported
DGSID:	Not Reported	TAX MAP NU:	07-037.20-100
OWNER ID:	111GPMILL	MODIFIED G:	088-356
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Monitor
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	06/20/2003
DATE ABAND:	Not Reported	AQUIFER:	U
FORMATION:	UNKNOWN	Abandon Method:	NONE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	10		
CASING BO2:	0		
CASING DI1:	2		
CASING DI2:	0		
Casing Material:	PVC		
GRAVEL PA1:	9		
Drilling Method:	Augered	LONGITUDE C:	Not Reported
LICENSE NO:	4293		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	BENTONITE
GROUT TOP:	9		
SCREEN BOT:	20		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	PVC	WELL FINISH:	Not Reported
SWL ABOVE:	A		
STATIC WAT:	0		
Well Head Type:	PAD MOUNT		
Head (inches):	1		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	10		
SCREEN DIA:	2		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	7		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	7		
GRAVEL PA2:	20		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	06/20/2003
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

D23
NW
1/2 - 1 Mile
Higher

DE WELLS 190200

X:	182277	Y:	193079
PERMIT NUM:	190200	LOCAL ID:	GW1-GW10
DGSID:	Not Reported	TAX MAP NU:	07-037.20-100
OWNER ID:	111GPMILL	MODIFIED G:	088-356
TOTAL DEPT:	20		
Purpose:	PERMANENT	WELL USE:	Geoprobe
DAILY USE:	0		
DESIRED CA:	0		
DATE CONST:	Not Reported	DATE COMPL:	09/11/2002
DATE ABAND:	09/11/2002	AQUIFER:	Not Reported
FORMATION:	Not Reported	Abandon Method:	BENTONITE
Replaced Reason:	None		
ALTITUDE:	0		
ALT Method:	NOT CALCULATED		
CASING BO1:	0		
CASING BO2:	0		
CASING DI1:	0		
CASING DI2:	0		
Casing Material:	Not Reported		
GRAVEL PA1:	0		
Drilling Method:	Unknown	LONGITUDE C:	Not Reported
LICENSE NO:	21		
Lat/Lon Method:	N	LATITUDE C:	Not Reported
LATITUDE:	Not Reported	Grout Type:	Not Reported
GROUT TOP:	0		
SCREEN BOT:	0		
RETAIN WEL:	Not Reported	REPLACE WE:	Not Reported
QUAD:	WILMINGTON SOUTH	Pump Type:	NONE
PUMP TIME:	0		
SCREEN MAT:	Not Reported	WELL FINISH:	Not Reported
SWL ABOVE:	Not Reported		
STATIC WAT:	0		
Well Head Type:	NONE		
Head (inches):	Not Reported		
Head (Above/Below):	A	SEPTIC PER:	N/A
SCREEN TOP:	0		
SCREEN DIA:	0		
PUMP RATE:	0		
PUMP RATED:	Not Reported		
PUMP INTAK:	Not Reported		
PUMPING WA:	0		
PRE OWNER:	Not Reported	ORG OWNER:	Not Reported
NON GROUT:	0		
NON GROUT2:	0		
LONGITUDE:	Not Reported		
GROUT FROM:	0		
GRAVEL PA2:	0		
GRAVEL PA3:	Not Reported	DRBC BASIN:	BASINS:106,107,108NCD,111,113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin:	CHRISTIANA RIVER	DATE SWL M:	Not Reported
CASING MAT:	Not Reported		
CASING TO1:	0		
CASING TO2:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: DE Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Low Pci/L	Hi Pci/L	% > 4 Pci/L
19804	644	38	.3	7.4	3.93

EPA Region 3 Statistical Summary Readings for Zip Code: 19804

Number of sites tested: 327.

Maximum Radon Level: 7.4 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
299 (91.44%)	28 (8.56%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for NEW CASTLE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Statewide Wetlands Mapping Project

Source: Dept. of Natural Resources & Environmental Conservation

Telephone: 302-739-4691

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Delaware Water Well Data

Source: Department of Natural Resources and Environmental Conservation

Telephone: 302-739-4860

OTHER STATE DATABASE INFORMATION

RADON

State Database: DE Radon

Source: Division of Public Health

Telephone: 302-739-4731

Radon Screening Survey of Private Dwellings

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX C

HISTORICAL AERIAL PHOTOGRAPHS

1190 - GMVM Wilmington

801 Boxwood Road

Wilmington, DE 19804

Inquiry Number: 2643698.5

November 20, 2009

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography November 20, 2009

Target Property:

801 Boxwood Road
Wilmington, DE 19804

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1962	Aerial Photograph. Scale: 1"=750'	Panel #: 2439075-F5/Flight Date: July 01, 1962	EDR
1965	Aerial Photograph. Scale: 1"=750'	Panel #: 2439075-F5/Flight Date: April 04, 1965	EDR
1968	Aerial Photograph. Scale: 1"=750'	Panel #: 2439075-F5/Flight Date: April 17, 1968	EDR
1977	Aerial Photograph. Scale: 1"=750'	Panel #: 2439075-F5/Flight Date: May 15, 1977	EDR
1981	Aerial Photograph. Scale: 1"=1000'	Panel #: 2439075-F5/Flight Date: April 10, 1981	EDR
1989	Aerial Photograph. Scale: 1"=750'	Panel #: 2439075-F5/Flight Date: April 01, 1989	EDR
1998	Aerial Photograph. Scale: 1"=750'	Panel #: 2439075-F5/Flight Date: February 26, 1998	EDR
2006	Aerial Photograph. 1" = 604'	Flight Year: 2006	EDR

9-26-61



INQUIRY #: 2643698.5

YEAR: 1962

| = 750'





INQUIRY #: 2643698.5

YEAR: 1965

| = 750'





INQUIRY #: 2643698.5

YEAR: 1968

| = 750'





INQUIRY #: 2643698.5

YEAR: 1977

| = 750'





INQUIRY #: 2643698.5

YEAR: 1981

| = 1000'





INQUIRY #: 2643698.5

YEAR: 1989

| = 750'



APPENDIX D

CITY DIRECTORY

017338 - Wilmington, DE

801 Boxwood Street
Wilmington, DE 19804

Inquiry Number: 2598987.6
September 25, 2009

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.
2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.
3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.
2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.
3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.
4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit www.edrnet.com/2009enhancements

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2002	City's City Directory	X	X	X	-
1996	City's City Directory	-	X	X	-
1989	City's City Directory	X	X	X	-
1986	Polk's City Directory	X	X	X	-
1981	Polk's City Directory	-	-	-	-
1971	Polk's City Directory	-	-	-	-
1961	Polk's City Directory	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

801 Boxwood Street
Wilmington, DE 19804

FINDINGS DETAIL

Target Property research detail.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	American Food And Vending	City's City Directory
1989	Canteen Corp	City's City Directory
	General Motors Corp Chevrolet Pontiac Canada Group Absentee & Lateness Call In	City's City Directory
	General Motors Corp Chevrolet Pontiac Canada Group Information	City's City Directory
1986	Canteen Of Delaware	Polk's City Directory
	General Motors Corp	Polk's City Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Boxwood Street (Road)

Boxwood Street (Road)

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	No other addresses (700-999) block Boxwood Rd	City's City Directory
1996	No other addresses (700-999) block Boxwood Rd	City's City Directory
1989	No other addresses (700-999) block Boxwood Rd	City's City Directory
1986	No other addresses (700-999) block Boxwood Rd	Polk's City Directory

701 Boxwood Street (Road)

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Residential	City's City Directory
1996	Residential	City's City Directory
1989	Residential	City's City Directory
1986	Residential	Polk's City Directory

702 Boxwood Street (Road)

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Residential	City's City Directory
1996	Residential	City's City Directory

703 Boxwood Street (Road)

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1989	Huber's Nurseries	City's City Directory
1986	Residential	Polk's City Directory

708 Boxwood Street (Road)

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Residential	City's City Directory
1989	Residential	City's City Directory

FINDINGS

Dodson Ave

Dodson Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	No other addresses Dodson Ave	City's City Directory
1996	No other addresses Dodson Ave	City's City Directory
1989	No other addresses Dodson Ave	City's City Directory
1986	No other addresses Dodson Ave	Polk's City Directory

95 Dodson Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Intermodal Technical Services Inc	City's City Directory
1996	Anchor Motor Freight Inc	City's City Directory
1989	Anchor Motor Freight Inc	City's City Directory
1986	Anchor Motor Freight Inc Of Delaware	Polk's City Directory

FINDINGS

STREET NOT LISTED IN RESEARCH SOURCE

The following Streets were researched for this report, and the Streets were not listed in the research source.

<u>Street Researched</u>	<u>Street Not Listed in Research Source</u>
Boxwood Street	1981, 1971, 1961
Dodson Ave	1981, 1971, 1961

TARGET PROPERTY: ADDRESS NOT LISTED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not listed in the research source.

<u>Address Researched</u>	<u>Address Not Listed in Research Source</u>
801 Boxwood Street	1996

ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not listed in research source.

<u>Address Researched</u>	<u>Address Not Listed in Research Source</u>
702 Boxwood Street (Road)	1989, 1986
708 Boxwood Street (Road)	1986

APPENDIX E

HISTORICAL TOPOGRAPHIC MAPS



017338 - Wilmington, DE

801 Boxwood Street

Wilmington, DE 19804

Inquiry Number: 2598987.4

September 24, 2009

The EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

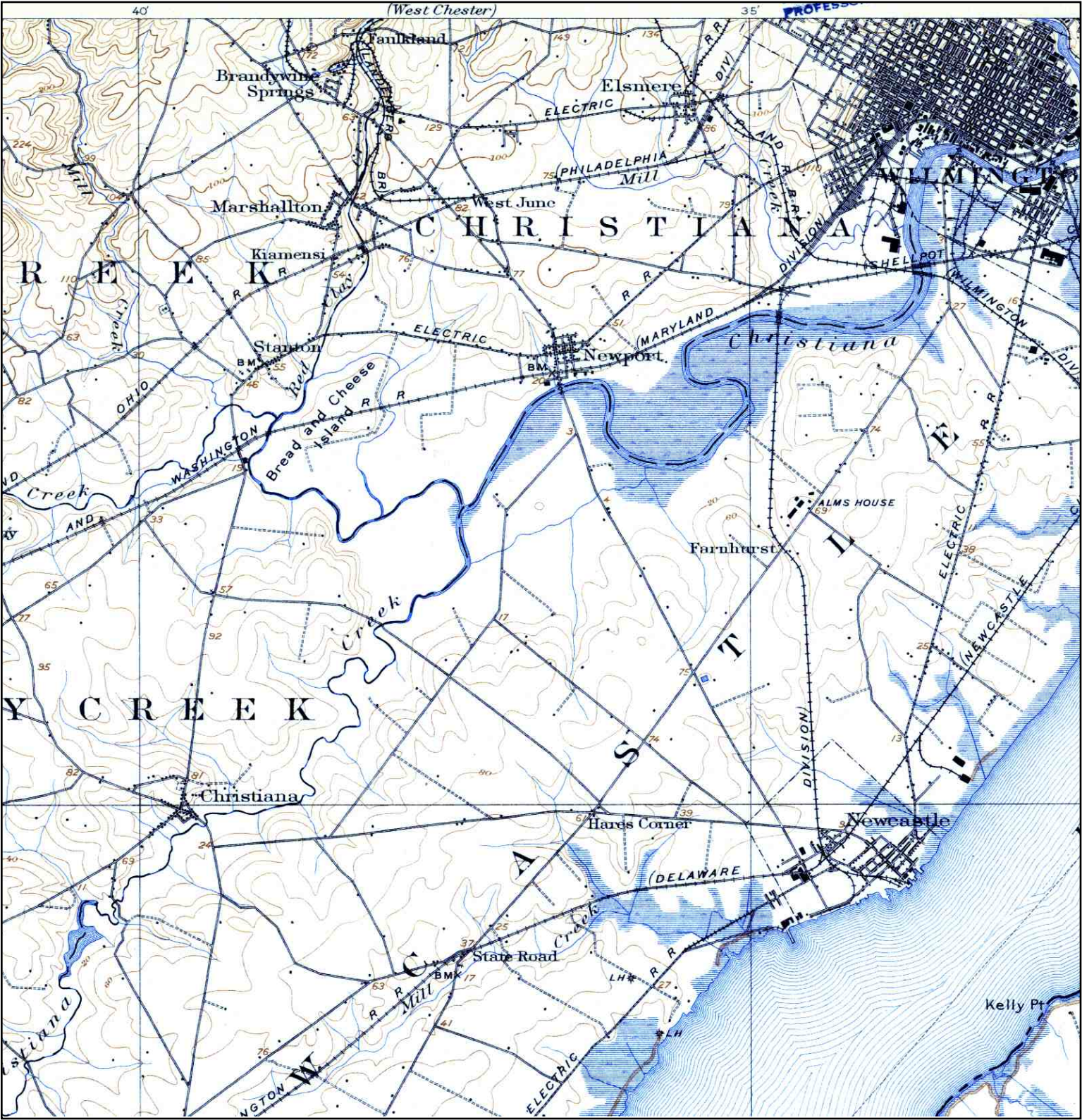
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Historical Topographic Map



	TARGET QUAD	SITE NAME:	017338 - Wilmington, DE	CLIENT:	Conestoga-Rovers & Associates
	NAME: WILMINGTON	ADDRESS:	801 Boxwood Street	CONTACT:	Kelly Connolly
	MAP YEAR: 1906		Wilmington, DE 19804	INQUIRY#:	2598987.4
		LAT/LONG:	39.7253 / 75.6111	RESEARCH DATE:	09/24/2009
	SERIES: 15				
	SCALE: 1:62500				

Historical Topographic Map



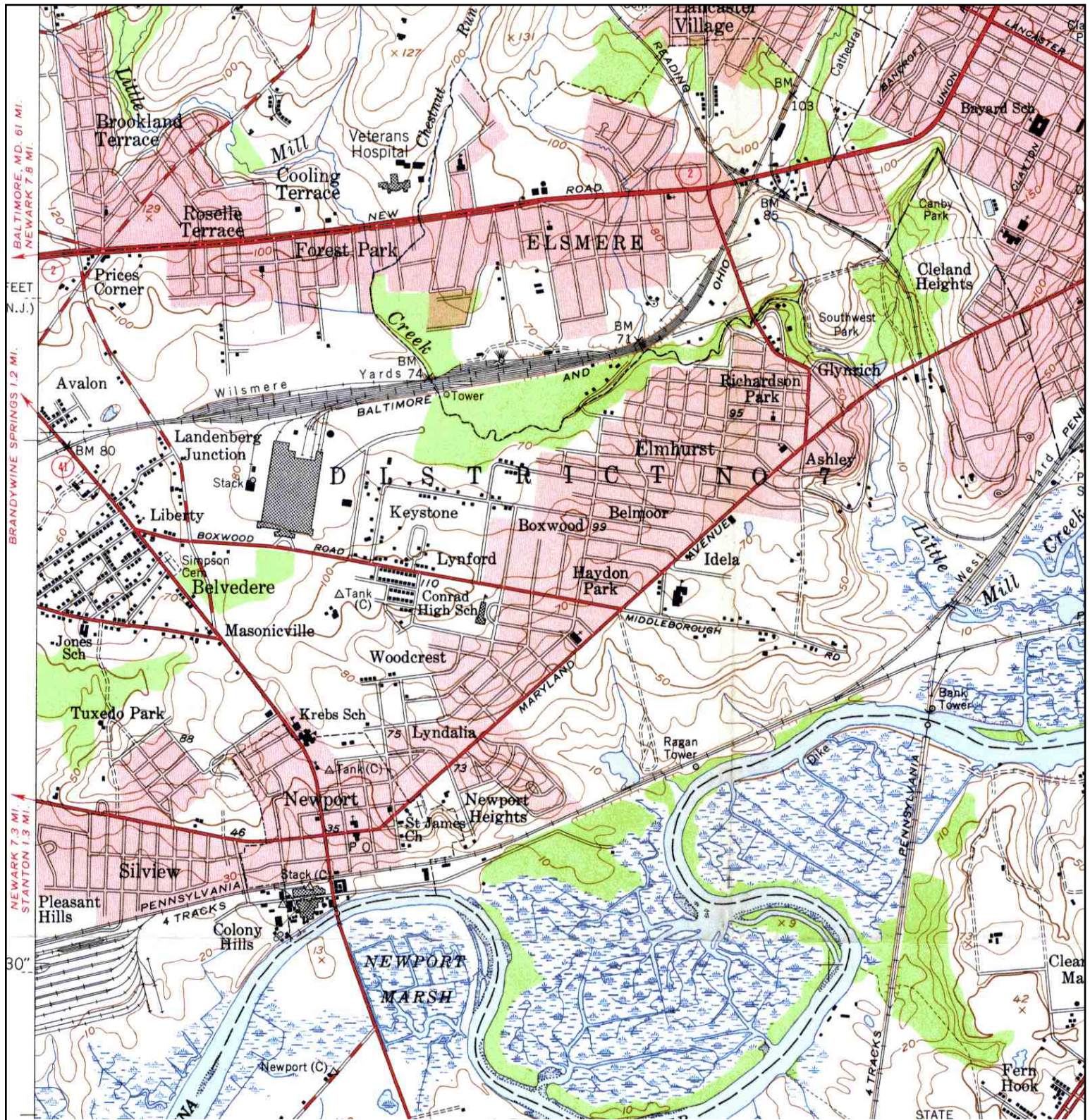
	TARGET QUAD	SITE NAME:	017338 - Wilmington, DE	CLIENT:	Conestoga-Rovers & Associates
	NAME: WILMINGTON	ADDRESS:	801 Boxwood Street	CONTACT:	Kelly Connolly
	MAP YEAR: 1906		Wilmington, DE 19804	INQUIRY#:	2598987.4
	SERIES: 15	LAT/LONG:	39.7253 / 75.6111	RESEARCH DATE:	09/24/2009
	SCALE: 1:62500				

Historical Topographic Map



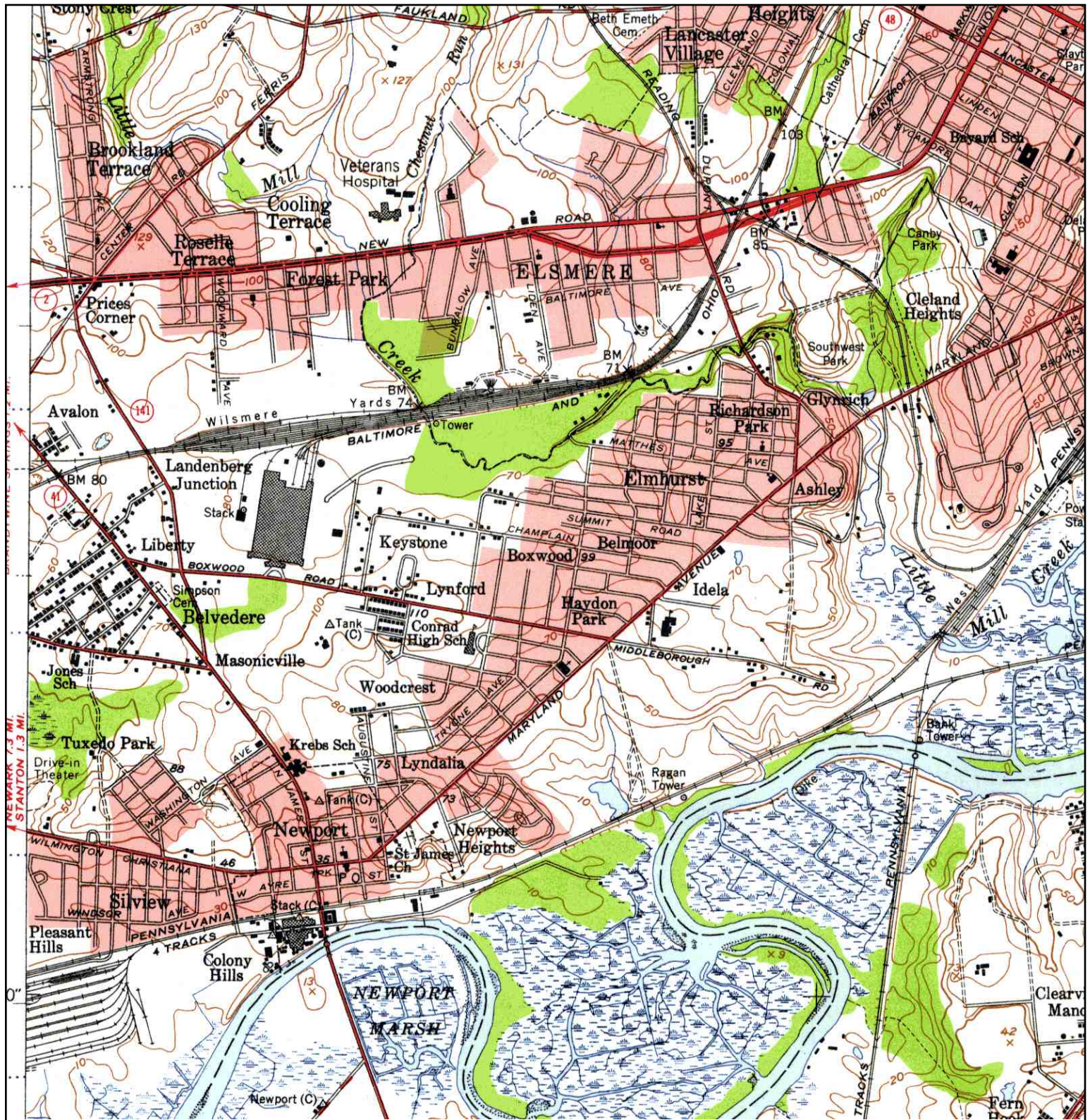
N ↑	TARGET QUAD NAME: WILMINGTON AND VICINITY MAP YEAR: 1942 SERIES: 7.5 SCALE: 1:31680	SITE NAME: 017338 - Wilmington, DE ADDRESS: 801 Boxwood Street Wilmington, DE 19804 LAT/LONG: 39.7253 / 75.6111	CLIENT: Conestoga-Rovers & Associates CONTACT: Kelly Connolly INQUIRY#: 2598987.4 RESEARCH DATE: 09/24/2009

Historical Topographic Map



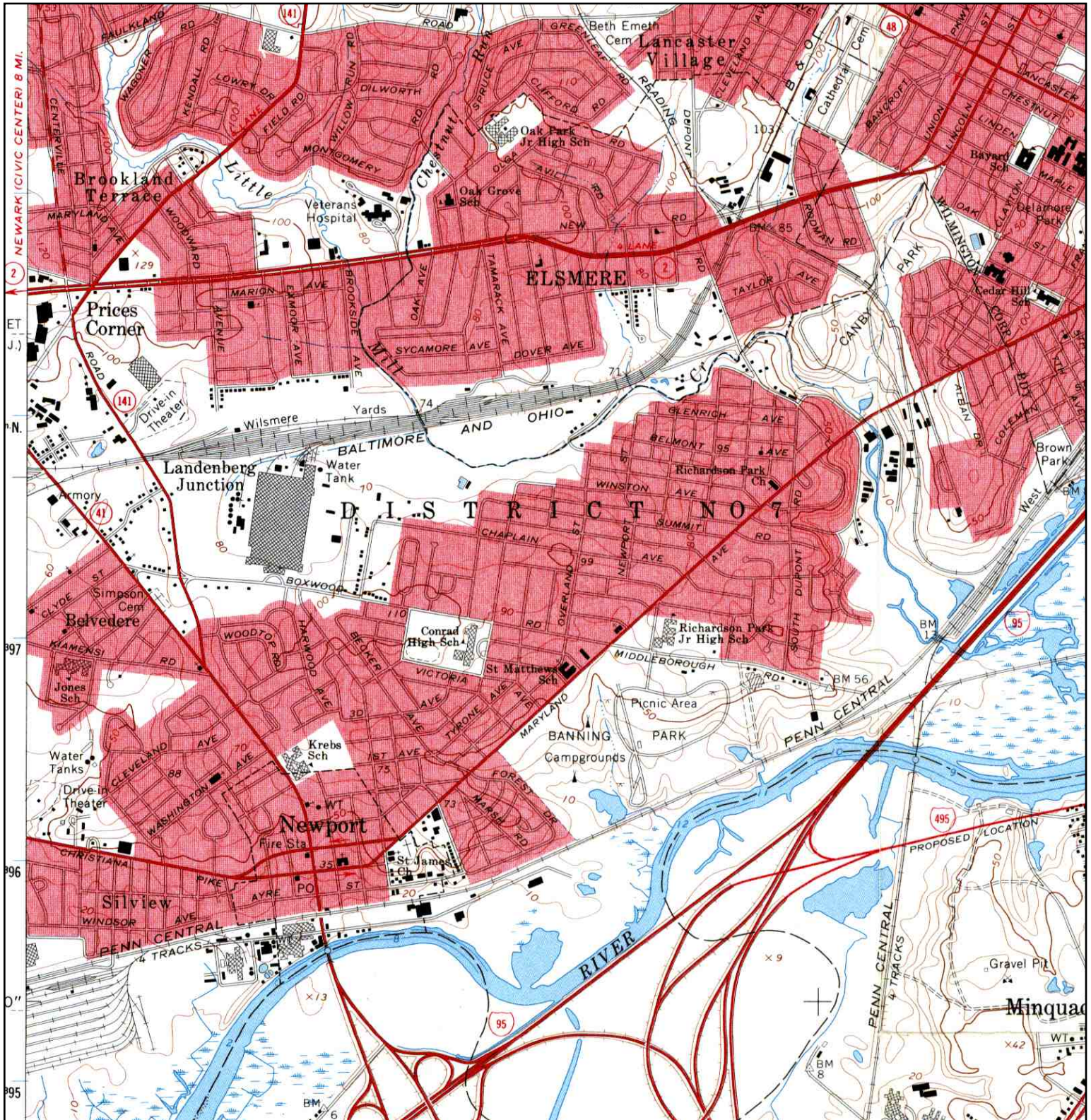
N TARGET QUAD NAME: WILMINGTON SOUTH MAP YEAR: 1948 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 017338 - Wilmington, DE ADDRESS: 801 Boxwood Street Wilmington, DE 19804 LAT/LONG: 39.7253 / 75.6111	CLIENT: Conestoga-Rovers & Associates CONTACT: Kelly Connolly INQUIRY#: 2598987.4 RESEARCH DATE: 09/24/2009

Historical Topographic Map



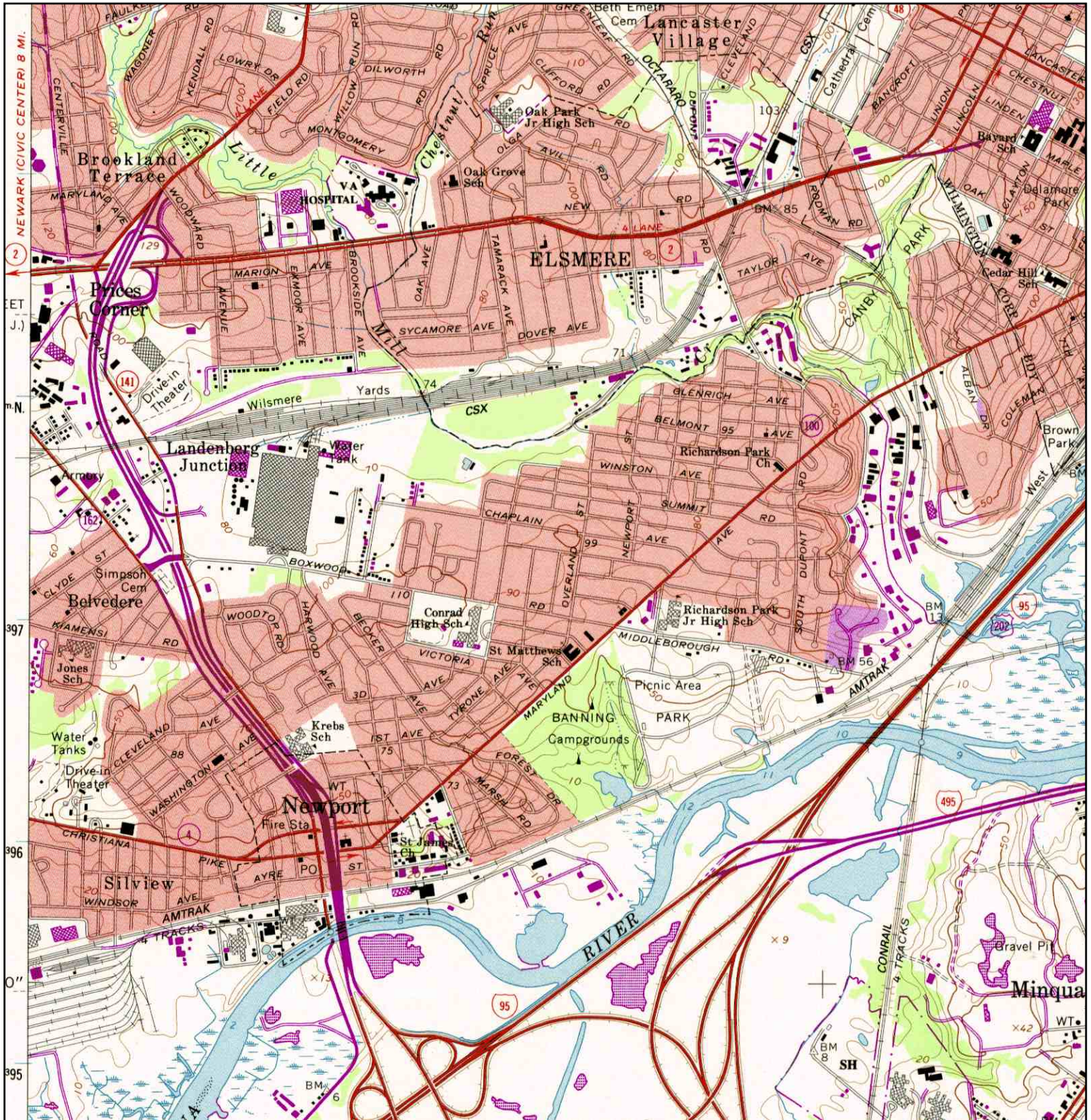
N ↑	TARGET QUAD NAME: WILMINGTON VICINITY 3 OF 3 MAP YEAR: 1955	SITE NAME: 017338 - Wilmington, DE ADDRESS: 801 Boxwood Street Wilmington, DE 19804 LAT/LONG: 39.7253 / 75.6111	CLIENT: Conestoga-Rovers & Associates CONTACT: Kelly Connolly INQUIRY#: 2598987.4 RESEARCH DATE: 09/24/2009
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



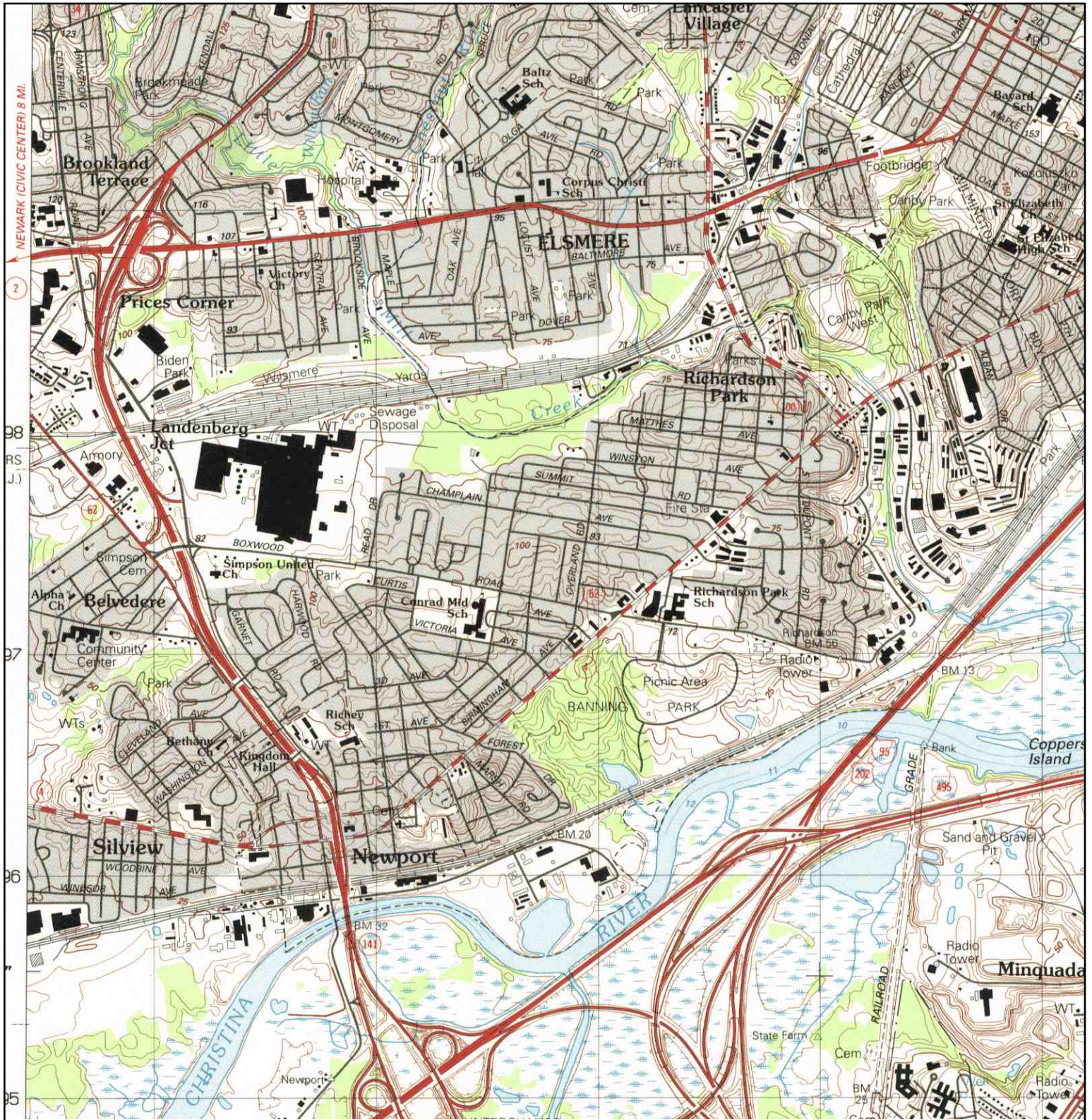
	TARGET QUAD	SITE NAME:	017338 - Wilmington, DE	CLIENT:	Conestoga-Rovers & Associates
	NAME: WILMINGTON SOUTH	ADDRESS:	801 Boxwood Street	CONTACT:	Kelly Connolly
	MAP YEAR: 1967		Wilmington, DE 19804	INQUIRY#:	2598987.4
	SERIES: 7.5	LAT/LONG:	39.7253 / 75.6111	RESEARCH DATE:	09/24/2009
	SCALE: 1:24000				

Historical Topographic Map



N ↑	TARGET QUAD NAME: WILMINGTON SOUTH MAP YEAR: 1987 PHOTOREVISED FROM: 1967 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 017338 - Wilmington, DE ADDRESS: 801 Boxwood Street Wilmington, DE 19804 LAT/LONG: 39.7253 / 75.6111	CLIENT: Conestoga-Rovers & Associates CONTACT: Kelly Connolly INQUIRY#: 2598987.4 RESEARCH DATE: 09/24/2009

Historical Topographic Map



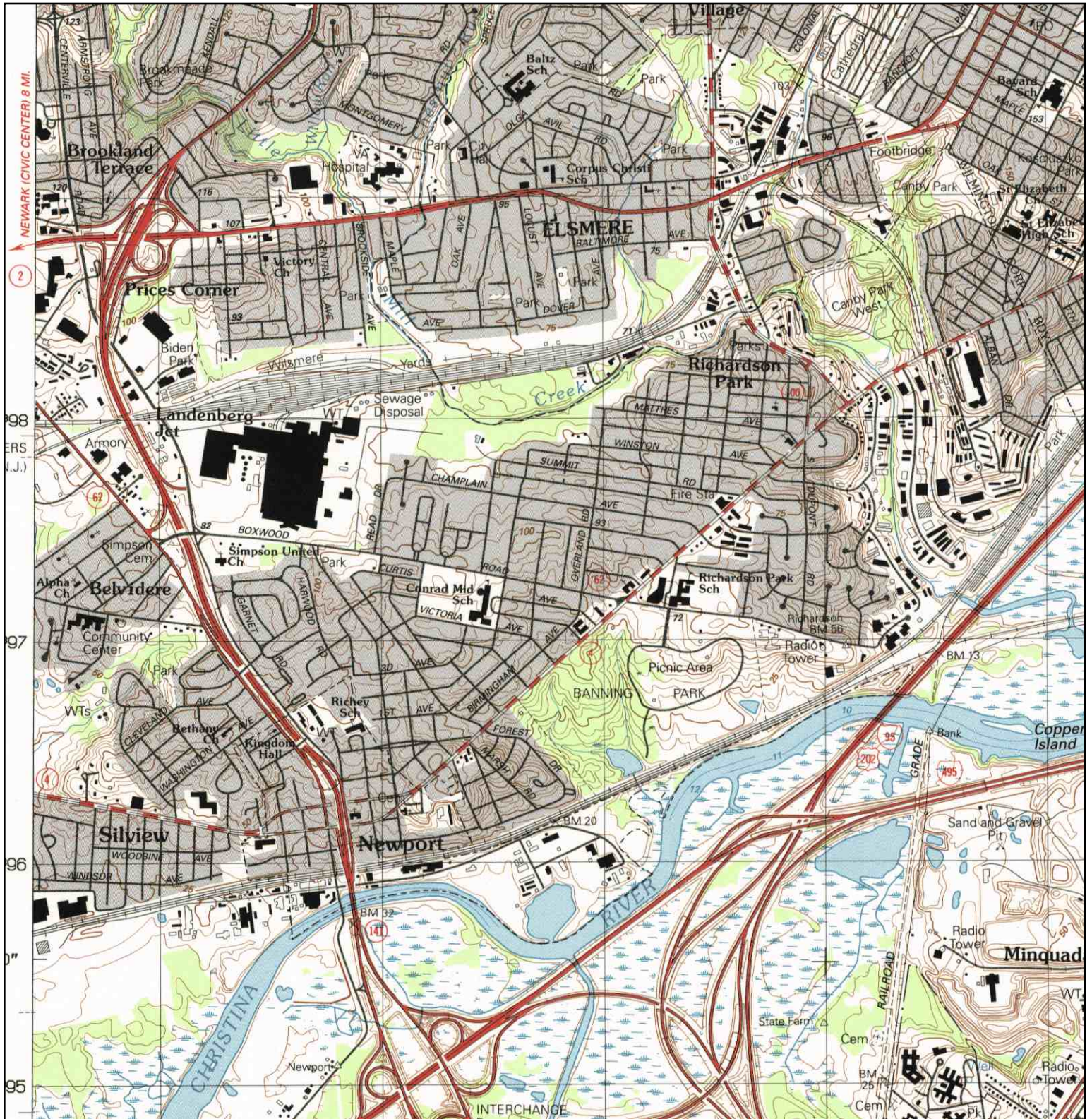
TARGET QUAD
NAME: WILMINGTON SOUTH
MAP YEAR: 1993

SERIES: 7.5
SCALE: 1:24000

SITE NAME: 017338 - Wilmington, DE
ADDRESS: 801 Boxwood Street
Wilmington, DE 19804
LAT/LONG: 39.7253 / 75.6111

CLIENT: Conestoga-Rovers & Associates
CONTACT: Kelly Connolly
INQUIRY#: 2598987.4
RESEARCH DATE: 09/24/2009

Historical Topographic Map



	TARGET QUAD	SITE NAME:	017338 - Wilmington, DE	CLIENT:	Conestoga-Rovers & Associates
	NAME: WILMINGTON SOUTH	ADDRESS:	801 Boxwood Street	CONTACT:	Kelly Connolly
	MAP YEAR: 1997		Wilmington, DE 19804	INQUIRY#:	2598987.4
	SERIES: 7.5	LAT/LONG:	39.7253 / 75.6111	RESEARCH DATE:	09/24/2009
	SCALE: 1:24000				

APPENDIX F

GOVERNMENT FILES

APPENDIX G

ENVIRONMENTAL LIEN REPORT

December 9, 2009

Ms. Kelly Connolly
Conestoga-Rovers & Associates
8615 W. Bryn Mawr Avenue
Chicago, IL 60631

Subject: LOAN NO.: 17338/02/20102-WILMINGTON, DE
GM WILMINGTON ASSEMBLY PLANT
801 BOXWOOD ROAD
WILMINGTON, DE 19804

Dear Ms. Connolly:

Public records at New Castle County, Delaware on the subject real property identified above revealed the following information effective to November 20, 2009:

ENVIRONMENTAL LIEN REPORT

Location: New Castle County

Land/Description: Parcel of Land
Parcel No: 070421055

Deed information

Grantee: General Motors Corporation,
(Buyer) a corporation of the State of Delaware

Grantor: The Real Estate and Improvement Company of Baltimore City,
(Seller) a corporation of the State of Maryland

Date Recorded: August 24, 1945
DBV/PG: E45/579

NOTE: Legal Description included as Exhibit "A."

ENVIRONMENTAL LIENS

No environmental liens were found recorded at New Castle County, Delaware Public Records Office affecting the subject real property asset effective from August 24, 1945 to November 20, 2009.

OTHER ACTIVITY AND USE LIMITATIONS (AUL's):

No Activity and Use limitations were found recorded at New Castle County, Delaware Public Records Office affecting the subject real property asset effective from August 24, 1945 to November 20, 2009.

We hope this information assists in your decision making process. If we can be of additional assistance, please do not hesitate to contact us at your convenience.

Cordially,

NCO FINANCIAL SYSTEMS, INC.
FINANCIAL INVESTIGATIVE SERVICES



Rachel Prince
Title Analyst

/rp
cc: Darleen McCarthy
NCO File #: 819130

TERMS AND CONDITIONS

USE OF THIS REPORT: THIS REPORT CONTAINS INFORMATION OBTAINED FROM PUBLIC LAND RECORDS AND NCO FINANCIAL SYSTEMS, INC. - FINANCIAL INVESTIGATIVE SERVICES MAKES NO REPRESENTATION CONCERNING THE ACCURACY OF SAID PUBLIC RECORD INFORMATION OR THE INFORMATION CONTAINED IN THIS REPORT. THIS REPORT IS NOT AN ABSTRACT OR OPINION OF TITLE, TITLE COMMITMENT OR GUARANTEE, OR TITLE INSURANCE POLICY. THIS REPORT IS PROVIDED TO YOU AS A NCO FINANCIAL SYSTEMS, INC. - FINANCIAL INVESTIGATIVE SERVICES CUSTOMER AND IS NOT INTENDED FOR BENEFIT OF ANY THIRD PARTY.

LIMITATION OF LIABILITY: NCO FINANCIAL SYSTEMS, INC. - FINANCIAL INVESTIGATIVE SERVICES MAKES NO WARRANTY WITH RESPECT TO THIS REPORT. IF ANY INFORMATION CONTAINED IN THIS REPORT IS INACCURATE, YOU AGREE THAT NCO FINANCIAL SYSTEMS, INC. - FINANCIAL INVESTIGATIVE



SERVICES' LIABILITY TO YOU IS LIMITED TO THE PRICE OF THIS REPORT. NCO FINANCIAL SYSTEMS, INC. - FINANCIAL INVESTIGATIVE SERVICES SHALL HAVE NO LIABILITY TO ANY THIRD PARTY UNDER ANY CIRCUMSTANCES. IN NO EVENT SHALL NCO FINANCIAL SYSTEMS, INC. - FINANCIAL INVESTIGATIVE SERVICES BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES EVEN IF ADVISED THAT SUCH DAMAGES ARE POSSIBLE OR LIKELY.

EXHIBIT A

AND the said John J. Hurd, Executor as aforesaid, does covenant, promise and agree, to and with the said party of the second part, its successors and assigns, by these presents, that he the said Executor, has not done committed, or knowingly or willingly suffered to be done or committed any act, matter or thing whatsoever whereby the premises hereby granted, or any part thereof is, are, shall or may be impeached, charged or encumbered, in title, charge, estate or otherwise howsoever.

IN WITNESS WHEREOF, the said party of the first part to these presents has hereunto set his Hand and Seal the day and year first above written.

SEALED AND DELIVERED IN
THE PRESENCE OF:

Howard E. Lynch, Jr.

John J. Hurd (SEAL)

Executor under the last Will and
Testament of George W. Hurd.

STATE OF DELAWARE,)
)SS:
KENT COUNTY)

* U. S. I. R. STAMPS *
* \$16.50 Cancelled *

BE IT REMEMBERED, That on this 16th day of August in the year of our LORD, One thousand nine hundred and forty-five personally came before me, the Subscriber, a Notary Public for the County and state aforesaid, John J. Hurd, Executor under the last Will and Testament of George W. Hurd, deceased, party to this Indenture, known to me personally to be such, and he duly acknowledged this Indenture to be his Deed.

GIVEN under my Hand and seal of office, the day and year aforesaid.

* LAWRENCE R. MOORE *
* NOTARY PUBLIC *
* APPOINTED APRIL 10, 1945 *
* TERM TWO YEARS *
* DELAWARE *

Lawrence R. Moore
Notary Public
Received for record August 24, 1945
Burton S. Heal
Recorder

THIS INDENTURE, Made this 13th day of August 1945, between
THE REAL ESTATE AND IMPROVEMENT COMPANY OF BALTIMORE CITY, a corporation
of the State of Maryland, hereinafter called Grantor, and General Motors Corporation, a corporation of the State of Delaware, hereinafter called Grantee,

WITNESSETH: That the Grantor for and in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof, before the execution and delivery of this deed is hereby acknowledged, does hereby grant, bargain, sell, alien, enfeoffed, release, convey and confirm unto the Grantee, its successors and assigns, with covenant of general warranty, all that certain parcel of land, situate in Christians Hundred, New Castle County, State of Delaware, bounded and described as follows, to-wit:

BEGINNING at a point in the center line of Little Mill Creek in the easterly boundary line of land conveyed from Michalina Paruszkowski to Branwyn Company by deed dated February 13, 1945, recorded in the office of the Recorder of Deeds for New Castle County, Delaware, in Deed Record X, Volume 44, page 181, said boundary line being also the line dividing the lands formerly of John and Martha A. Richardson from lands formerly

of Thomas D. Lynam, said point of beginning being 173.0 feet measured in a southerly direction from, and at right angles to, the center line of the west bound main track of The Baltimore and Ohio Railroad; thence with the boundary lines of the land conveyed by Michalina Paruszwski to Branwyn Company, as aforesaid the following four (4) courses; (1) in a southerly direction with the center line of said Little Mill Creek 49 feet, more or less, (2) S. $20^{\circ} 19' 30''$ W. 32.5 feet, more or less, to an iron pipe, (3) continuing on same bearing, S. $20^{\circ} 19' 30''$ W. 1049.47 feet to a stone and (4) N. $80^{\circ} 57' 20''$ W. 696.97 feet to the westerly side of Dodson Road (30 feet wide); thence with said westerly side of Dodson Road S. $8^{\circ} 17' 40''$ W. 1538.03 feet to the northerly side of Boxwood Road (60 feet wide); thence with said northerly side of Boxwood Road the following five (5) courses; (1) N. $80^{\circ} 35' 20''$ W. 211.64 feet, (2) N. $80^{\circ} 48' 20''$ W. 796.42 feet, (3) by a curve to the left with a radius of 3304.17 feet a distance of 286.42 feet, the chord of which curve bears N. $83^{\circ} 17' 20''$ W. a distance of 286.33 feet, (4) N. $85^{\circ} 46' 20''$ W. 1019.48 feet and (5) N. $86^{\circ} 51' 20''$ W. 41.65 feet to the easterly side of the Centerville-Krebbs Road (33 feet wide); thence with said easterly side of the Centerville-Krebbs Road the following two (2) courses; (1) N. $7^{\circ} 08' 20''$ W. 668.07 feet and (2) N. $7^{\circ} 49' 01''$ E. 644.10 feet to a point in the easterly side of Border Street (30 feet wide), said point being also a corner common to the lands shown on the aforesaid plan of "Homestead", land conveyed to Branwyn Company by J. A. Thompson, et ux, as aforesaid, and land conveyed from the Jewish Welfare Society (also known as a Hebrew Charity Association) to Branwyn Company by deed dated February 2, 1945, recorded in the Office of the Recorder of Deeds for New Castle County aforesaid, in Deed Record W, Volume 44, page 279; thence with said easterly side of Border Street, which is also the dividing line between said lands shown on the aforesaid plan of "Homestead" and land conveyed by the Jewish Welfare Society to Branwyn Company, the following two (2) courses; (1) N. $5^{\circ} 51'$ W. 396.0 feet and (2) N. $6^{\circ} 16'$ W. 72.23 feet to a point 254.0 feet measured in a southerly direction from and at right angles to the aforesaid center line of the West bound main track of The Baltimore and Ohio Railroad at Valuation Station 1596 plus 40.6; thence parallel to and 197.0 feet measured at right angles in a southerly direction from the present southerly right of way line of The Baltimore and Ohio Railroad and also parallel to and 254.0 feet measured at right angles in a southerly direction from said center line of west bound main track of The Baltimore and Ohio Railroad N. $81^{\circ} 13'$ E. 1710.59 feet; thence N. $66^{\circ} 55'$ E. 327.94 feet to a point 173.0 feet measured in a southerly direction from and at right angles to the aforesaid center line of the west bound main track of The Baltimore and Ohio Railroad at Valuation Station 1576 plus

12.2; thence parallel to and 116.0 feet measured at right angles in a southerly direction from the aforesaid present southerly right of way line of The Baltimore and Ohio Railroad and also parallel to and 173.0 feet measured at right angles in a southerly direction from said center line of west bound main track of The Baltimore and Ohio Railroad N. 81° 13' E. 1200.14 feet to the point of beginning; containing 120.25 acres of land, more or less. /

TOGETHER WITH all and singular the rights, privileges and appurtenances thereto belonging or appertaining.

SUBJECT to an easement for the right to construct and maintain a sewer as set forth in deed dated July 12, 1935, from John Paruszewski et ux, to State of Delaware for use of New Castle County, as recorded in Deed Record N, Volume 39, page 422, in the Office of the Recorder of Deeds for New Castle County, Delaware, and also

SUBJECT to twenty-foot easement for roadway purposes, as referred to in conveyance from William T. Lynam, et ux, to John and Michalina Paruszewski, by deed dated October 22, 1914, recorded in the Office of the Recorder of Deeds for New Castle County, Delaware, in Deed Record U, Volume 25, page 310.

TO HAVE AND TO HOLD the said above described parcel of land, hereby granted or mentioned or intended so to be, unto the Grantee, its successors and assigns, forever, the Grantor hereby covenanting with the Grantee that it will warrant generally the property hereby conveyed.

IN WITNESS WHEREOF, THE REAL ESTATE AND IMPROVEMENT COMPANY OF BALTIMORE CITY has caused this indenture to be signed by its Vice President and its corporate seal to be hereto affixed and attested by its Secretary, the day and year first above written.

THE REAL ESTATE AND IMPROVEMENT
COMPANY OF BALTIMORE CITY,

BY C. W. Van Horn
Vice President

ATTEST: C. A. Hensch
Secretary

.....
• THE REAL ESTATE AND IMPROVEMENT •
• COMPANY •
• ESTABLISHED 1888 •
• BALTIMORE CITY •
.....

Witness:

E. A. Rudy

STATE OF MARYLAND }
CITY OF BALTIMORE } SS:

.....
• U. S. I. M. STAMPS •
• \$154.00 Cancelled •
.....

BE IT REMEMBERED, That on this 13th day of August, A. D. 1945, personally came before me C. W. Van Horn, Vice President of The Real Estate and Improvement Company of Baltimore City, a corporation of the State of Maryland, party to the foregoing indenture, known to me personally to be such and acknowledged the said indenture to be his own act and deed, and the act and deed of said corporation; that the signature of the Vice President is his own proper handwriting; that the seal affixed is the common or corporate seal of the said Company; and that his act of sealing, executing and delivering said indenture was duly authorized by a resolution of the Board of Directors of the said Company.

GIVEN under my hand and seal of office the day and
year aforesaid.

• NORMAN D. DOWNING •
• NOTARY PUBLIC •
• BALTIMORE, MD. •

Norman D. Downing
Notary Public

Received for record August 24, 1945

Burton S. Heal
Recorder

My Commission expires May 5, 1947

THIS DEED, Made this Fifteenth day of November in the
year of our LORD one thousand nine hundred and forty-five

BETWEEN, MARGARET LOUISE GREGG, formerly known as
MARGARET LOUISE DAVIS, AND ROBERT R. GREGG, her husband, of the Town of Newark
New Castle County and State of Delaware, parties of the first part, AND MARGARET
H. DAVIS, of the Town of Newark, aforesaid, party of the second part.

WITNESSETH, That the said parties of the first part
for and in consideration of the sum of FIVE DOLLARS (\$5.00) lawful money of the
United States of America, the receipt whereof is hereby acknowledged, hereby
grant and convey unto the said part of the second part,

ALL That certain lot, piece or parcel of land situate
on the Southerly side of the Lincoln Highway with the dwelling house and other
buildings thereon erected, in White Clay Creek Hundred, New Castle County and
State of Delaware, near the Town of Newark, and designated as Lot No. 32 on
the plot of the land of the Newark Development Company as recorded in the Office
for the Recording of Deeds, &c., at Wilmington, in and for said New Castle County,
in Deed Record X, Vol. 31, Page 601, &c., and more particularly bounded and de-
scribed as follows, to-wit:

BEGINNING at a point in the Southerly side of the Lin-
coln Highway at the distance of one hundred feet Westerly from the corner formed
by the intersection of the said Southerly side of the Lincoln Highway with the
Westerly Side of Orchard Avenue and in the line dividing the lot about to be
conveyed and Lot No. 31, as laid out on said plot; thence by and with said di-
viding line Southerly and parallel with the said Westerly side of Orchard Avenue
two hundred feet to a point in the line dividing the lot about to be conveyed
and Lot No. 52; thence by and with said dividing line Westerly fifty feet to a
point in the line dividing the lot about to be conveyed and Lot No. 33; thence
by and with said dividing line North and parallel with the said Westerly side of
Orchard Avenue two hundred feet to a point in the said Southerly side of the Lin-
coln Highway and thence thereby Easterly fifty feet to the first mentioned point
and place of BEGINNING. Be the contents thereof what they may.

SUBJECT, however, to the covenants and conditions as
more fully set forth in the hereinafter recited Deed.

BEING the same lands and premises which Frank C. Tweed
and Florence E. Tweed, his wife, by their Indenture bearing date the twenty-ninth
day of June, A. D. 1940, and Recorded in the Office for the Recording of Deeds,
&c., At Wilmington, in and for New Castle County, in Deed Record A, Vol. 42, Page
175, &c., did grant, convey and assure unto Margaret Louise Davis, in fee.

APPENDIX H

USER QUESTIONNAIRE

X3. USER QUESTIONNAIRE

INTRODUCTION

Site: GM Wilmington Assembly Plant, 801 Boxwood Road, Wilmington, Delaware

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendment") the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

No.

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any Activity or Use Limitations (AULs), such as engineering controls, land use restrictions or Institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Unknown.

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

I have coordinated environmental matters for MLC related to this property since September 1, 2009.

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Unknown.

(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:

- (a.) Do you know the past uses of the property? No.
- (b.) Do you know of specific chemicals that are present or once were present at the property? *I have no specialized knowledge that is not available to the Phase I ESA investigators.*
- (c.) Do you know of spills or other chemical releases that have taken place at the property? *Yes. However, I have no specialized knowledge that is not available to the Phase I ESA investigators.*
- (d.) Do you know of any environmental cleanups that have taken place at the property? *Yes. However, I have no specialized knowledge that is not available to the Phase I ESA investigators.*

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes. However, I have no specialized knowledge that is not available to the Phase I ESA investigators.

APPENDIX I

FACILITY FILES

APPENDIX J

PHOTOGRAPHIC LOG



PHOTO 1: AST "A"



PHOTO 2: AST "B" - Facing north

PHOTOGRAPHIC LOG
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware



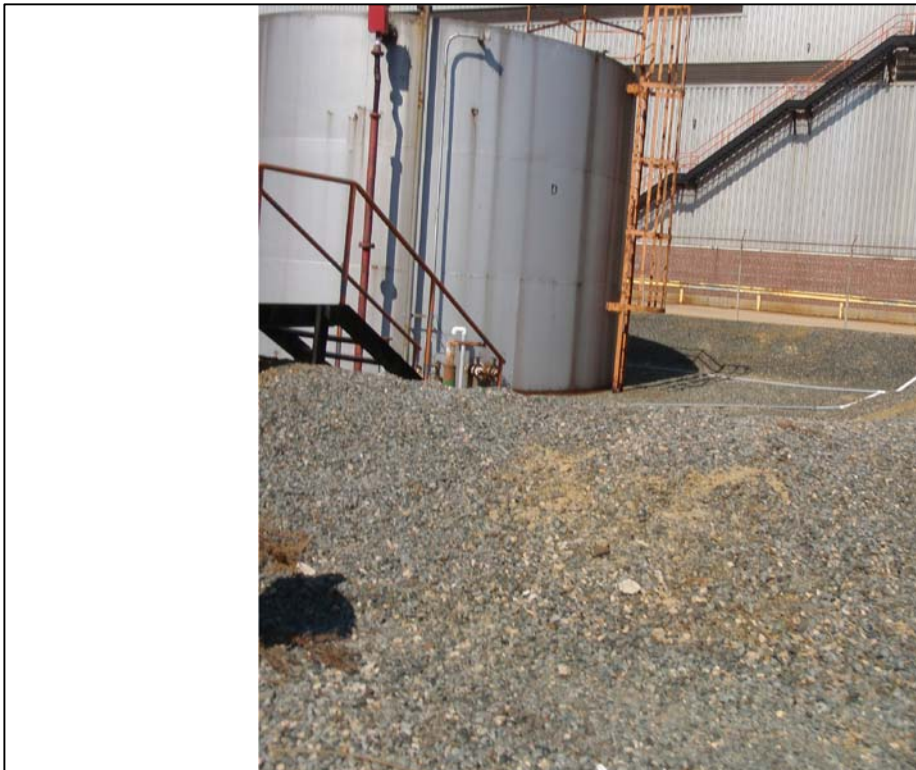


PHOTO 3: AST "C" - Facing north-west



PHOTO 4: ASTs "F" and "G" - Facing west

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 5: Waste Solvent Tanks (ASTs "P" and "Q")



PHOTO 6: Tank truck loading area for waste solvent tanks

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 7: ASTs "R", "S", and "T"



PHOTO 8: ELPO Resin Storage Tanks (AST "U")

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 9: Sulfuric acid tank (AST "V")



PHOTO 10 : SUVA (Refrigerant) Tank (AST "W")

PHOTOGRAPHIC LOG
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 11: ELPO Rinse tank



PHOTO 12: One of three diesel ASTs in Pump House No. 2

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 13: DI water system area



PHOTO 14: WWTP Holding Tank

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 15: WWTP Diesel AST



PHOTO 16: Power House basement

PHOTOGRAPHIC LOG
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 17: Diesel AST in Power House



PHOTO 18: Stained gravel east of Power House

PHOTOGRAPHIC LOG
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 19: Chemical Storage in basement of Mod Paint Building



PHOTO 20: Former hazardous waste storage area

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 21: Sludge tank near Grit Separator Building



PHOTO 22: Current hazardous waste storage area

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 23: Petroleum Dispensing Area - Anchor Building



PHOTO 24: Groundwater sump east of Modular Paint Building

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 25: Stormwater channel



PHOTO 26: Stormwater sluice gate

PHOTOGRAPHIC LOG
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware





PHOTO 27: Sanitary sewer manhole in wooded area



PHOTOGRAPHIC LOG
PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GM WILMINGTON ASSEMBLY PLANT
Wilmington, Delaware