

October 31, 2018
Project No. 3774-300-02-07

PHASE I ENVIRONMENTAL SITE ASSESSMENT

TRADEPOINT ATLANTIC, LLC

**AREA C
BALTIMORE, MARYLAND**

PREPARED BY



EXECUTIVE SUMMARY

Tradepoint Atlantic, LLC (the *user*) retained **Weaver Consultants Group North Central, LLC** (WCG) to perform a *Phase I Environmental Site Assessment (ESA)* of the property identified as Area C on the Tradepoint Atlantic property in Baltimore, Maryland (the Property). WCG performed this *Phase I ESA* in general compliance with the American Society for Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13) in an effort to identify, to the extent feasible, the presence of *recognized environmental conditions* with respect to the Property as defined in ASTM E 1527-13. Limiting conditions, exceptions to, or deletions from this practice are described in **Sections 1.5** and **10.0** of this *report*.

At the time of our site reconnaissance, the Property was improved with an approximately 1,400 square-foot, one-story commercial building. The building has several office spaces and is used as a marketing space. The areas located outside of the building are improved with a concrete sidewalk and grass-based landscaping. The Tin Mill Canal runs east-west through the central portion of the Property. The canal is currently undergoing maintenance cleanup activities. A material recycling/crushing operation occupies the southern portion of the Property. A railway running east-west is located between the canal and the concrete recycling operation. The remaining portions of the Property are unoccupied, with portions under construction for the installation of underground utilities.

The Property appeared to be unimproved by at least 1893 through 1927, with the majority of the Property appearing as Humphrey Creek. By 1938, the Property was occupied by Humphrey Creek, unimproved land, and a road. Railroad tracks were present along the southern Property boundary by 1943 and a bridge was present on the eastern Property boundary by 1944. Filling activities were occurring on the Property by 1948 through at least 1952. By 1957, the majority of the Property was filled in and the property was improved with a parking lot and material storage areas associated with industrial buildings on the southern adjoining property. Between 1957 and 1966, the Property was improved with additional parking areas, the Tin Mill Canal, a reservoir on the northeastern portion, an above ground storage tank (AST) on the northwestern portion, and industrial buildings on the southern portion. By 1969, the Property was improved with several roads and five buildings. The Property appeared largely unchanged from 1974 through 2013. By 2015, one portion of a building on the southwestern portion of the Property was no longer present. The Property is unimproved to the present day with the exception of the marketing center used by Tradepoint Atlantic. As of the date of this report, portions of the Property are being prepared for future development.

On September 6, 2018, WCG representative Mr. Travis Esbenshade visually assessed the Property for *recognized environmental conditions*, including but not limited to, the presence of *hazardous*

substances, hazardous wastes, petroleum products, other wastes, underground storage tanks (USTs), aboveground storage tanks (ASTs), polychlorinated biphenyl (PCB)-containing equipment, or other potential Findings for the Property.

WCG also performed a review of commercially available government records in an effort to identify *recognized environmental conditions* in connection with the Property. This *records review* addressed not only the Property, but also surrounding properties. The *records review* also included *reasonably ascertainable* historical data, which can be helpful in identifying the past uses of the Property and surrounding areas, as it may relate to the environmental condition of the Property.

Finally, WCG performed *interviews* with various government agencies and other parties with possible knowledge of the Property and surrounding properties in an effort to identify current and past uses of the Property and surrounding areas, as they may relate to the environmental condition of the Property.

ASTM E 1527-13 defines a *recognized environmental condition* as the presence or likely presence of any *hazardous substances or petroleum products* in, on, or at a *property*: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis* conditions are not *recognized environmental conditions*.

Based upon the assessments described in this *report*, this *Phase I ESA* has revealed no evidence of *recognized environmental conditions* in connection with the Property, except for the following:

- The known and potential presence of surface and subsurface impacts to the soil and groundwater associated with the presence of the Tin Mill Canal on the Property and the historical presence of the Tin Mill and the Finishing Mills Area on the Property and southern adjoining property.
- The known and potential presence of surface and subsurface impacts to soil and groundwater associated with historical industrial operations on the western adjoining property as part of the former steel mill.
- The known and potential presence of surface and subsurface impacts associated with slag fill material and unidentified fill materials on the Property and adjoining properties.

It should be noted that WCG has requested, but not yet received Freedom of Information Act (FOIA) responses from the Baltimore County Fire Department, the MDE, the USEPA, and the Baltimore County Department of Environmental Protection and Sustainability. WCG lists the lack of requested FOIA information as a *data gap*. See **Section 9.0** for additional information on *data gaps* identified during this *Phase I ESA*.

This Executive Summary provides a brief overview of the findings of this *Phase I ESA*. Although the Executive Summary is an integral part of the *report*, it does not substitute for reading the entire *report* or the appended or referenced documents to fully understand the findings and conclusions of this *Phase I ESA*.

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1 INTRODUCTION

Weaver Consultants Group North Central, LLC (WCG) conducted this Phase I *Environmental Site Assessment* (ESA) of the property identified as Area C on the Tradepoint Atlantic property in Baltimore, Maryland (the Property) (see **Figure 1 - Property Location Map**). WCG performed this *Phase I ESA* in general compliance with the scope and limitations of American Society for Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13) and the terms and conditions of WCG proposal WNCP-002-2018-30 dated June 29, 2018 incorporated herein by reference. WCG understands that this *Phase I ESA* was conducted for the benefit of Tradepoint Atlantic, LLC (the *user*). WCG also understands that this *Phase I ESA* was conducted to meet the requirements of the Maryland Department of the Environment (MDE) Voluntary Cleanup Program (VCP), which include submittal of a Phase I ESA within 180 days of submitting a VCP application. Tradepoint Atlantic submitted a VCP application for Area C dated June 12, 2018.

The following sections of this *report* present our *Phase I ESA* findings and conclusions. A glossary containing terms and definitions presented in ASTM E 1527-13 as indicated by *italicized* text in this *report* is included in **Appendix A – Glossary of Terms**. Other appendices presented at the end of the *report* consist of figures, interview and user-provided information, photographic documentation; regulatory *records review* documentation, historical records, and personnel qualifications.

1.1 Purpose

The purpose of this *Phase I ESA* is to identify and report, to the extent feasible, recognized environmental conditions with respect to the Property. ASTM E 1527-13 defines a recognized environmental condition as:

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

Performing a *Phase I ESA* in general compliance with ASTM E 1527-13 may enable a *user* to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations* on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability; that is, the practice that constitute “*all appropriate inquiry*” into the previous ownership and uses of the Property consistent with good commercial or customary practice as defined in 42 U.S.C. Section 9601(35)(B).

1.2 Detailed Scope-of-Services

WCG performed this *Phase I ESA* in general compliance with ASTM E 1527-13, and the terms and conditions of WCG proposal WNCP-002-2018-30 dated June 29, 2018. The scope of services for this *Phase I ESA* included the following:

- Review of publicly available, reasonably ascertainable, and practicably reviewable ASTM E1527-13 specified standard government records.
- Site reconnaissance in an effort to physically observe reasonably accessible interior and exterior areas of the Property, structures present at the Property and uses of adjoining properties from reasonably accessible public thoroughfares.
- Perform a Tier 1 Vapor Encroachment Screen (VES) to identify the presence or likely presence of contaminant of concern vapors in the subsurface of the Property caused by the release of vapors from impacted soil or groundwater either on or near the Property per ASTM E 2600-10.
- Interview reasonably available current and past owner(s) and occupant(s) of the Property and local/state governmental agency representatives in an effort to obtain publicly available, reasonably ascertainable, and practicably reviewable information concerning the current and historical uses of the Property and adjoining properties.
- Review of publicly available, reasonably ascertainable, and practicably reviewable historical records concerning the Property and adjoining properties in an effort to obtain information concerning the historical uses of the Property and adjoining properties.
- Preparation of this *Phase I ESA report*.

WCG initiated this *Phase I ESA* pursuant to authorization received from Ms. Cassandra Cachola on July 9, 2018. WCG Proposal WNCP-002-2018-30 dated June 29, 2018 contains the scope of services, cost estimate, and the Terms and Conditions applicable to the performance of this *Phase I ESA*.

1.3 Standard of Care

WCG conducted this *Phase I ESA* using a defined scope of services considered appropriate and agreed upon by all parties on the date the service was authorized, unless the scope of services or the methods used were later modified, in writing, and accepted by all parties prior to performance. WCG conducted this *Phase I ESA* in accordance with generally accepted practices in a manner consistent with that level of care exercised by other members of our profession in the same locality and under similar conditions of time and accessibility of improvements and information. No other representations, expressed or implied, and no warranty or guarantee is included or intended to be part of this *Phase I ESA*.

The scope of services performed in execution of this assessment may not be appropriate to satisfy the needs of other parties. We, therefore, are not responsible for independent conclusions, opinions, or recommendations of others based on our assessment. Furthermore, this *Phase I ESA* relates to the environmental conditions of the Property and does not address issues raised in transactions such as business risk, purchase of business entities, or interests therein, or of their assets, that may well involve environmental liabilities pertaining to properties previously owned or operated or other off-site liabilities.

Additionally, the findings of this *Phase I ESA* are based on WCG's observations, inquiries, and historical research using *reasonably ascertainable* and *practically reviewable* information obtained within *reasonable time and cost* constraints. WCG does not represent that this *Phase I ESA* is an exhaustive assessment that reflects the findings of all of the information available for the Property, nor is it representative of any future Property conditions. If additional information concerning the Property is discovered, it should be provided to us so that we may evaluate its impact on our conclusions. As such, any activities or episodes that transpire subsequent to this *Phase I ESA* are not considered in this assessment. A *Phase I ESA* performed in general compliance with ASTM E 1527-13 is not intended to be an exhaustive assessment of a property nor can it wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property.

1.4 Significant Assumptions

This *Phase I ESA* is based in part on information obtained from visual observations of the Property and vicinity, commercial data sources, and *interviews* with government agency representatives, representatives of the *owners* of the Property and *occupants* of the Property. WCG assumes this information to be accurate, complete, and representative of Property conditions unless some fact or circumstance made known to WCG through the course of this assessment reasonably suggests otherwise.

1.5 Limiting Conditions and Exceptions

ASTM E 1527-13 requires that the *environmental professional* shall document, in the *report*, general limitations and basis of review, including limitations imposed by physical obstructions such as adjacent buildings, bodies of water, asphalt, or other paved areas, and other physical constraints (for example snow or rain). WCG identified no limiting conditions in performing this assessment other than the following:

- Due to the presence of construction equipment, material storage, and the Property building, WCG was unable to fully assess the entire exterior surface of the Property.

- WCG was unable to identify the first developed use of the Property based on the *reasonably ascertainable* information gathered from the *standard historical sources* that we reviewed. WCG identified this lack of information as a data gap (see **Section 9**).

WCG identified no exceptions in performing this assessment.

1.6 Special Terms and Conditions

There were no special terms and conditions associated with performing this assessment beyond those in WCG proposal WNCP-002-2018-30 dated June 29, 2018.

1.7 User Reliance

This *report* is confidential and was prepared for the exclusive use by Tradepoint Atlantic, LLC.

No additional parties may use the information contained in this *report* without obtaining the written permission of WCG and Tradepoint Atlantic, LLC. WCG's duties and obligations extend to Tradepoint Atlantic, LLC and to no other party. WCG's duties and obligations to Tradepoint Atlantic, LLC are not transferable to any person, corporation, or organization without the express written consent of Tradepoint Atlantic, LLC and WCG.

This *Phase I ESA report* must be read and interpreted as a whole and can only be considered representative of the conditions of the Property as of the date of our *site reconnaissance* described herein. WCG makes no representation whatsoever concerning the condition of the Property beyond the date of our *site reconnaissance* described herein. Individual sections and appendices of this *report* are dependent on the balance of this *report*, and on the terms, conditions, and stipulations contained in the proposal and any written amendments accepted by WCG.

2 PROPERTY DESCRIPTION

2.1 Location and Legal Description

The Property is located in an area identified as Area C on the Tradepoint Atlantic property in Baltimore, Maryland. The Property generally lies north of Sheet Mill Road, east of Cold Mill Road, south of Bethlehem Boulevard, and west of Wharf Road (see **Figure 2 – Property Layout Map**). The Property consists of approximately seventy-six (76) acres of land with approximately 3,300 feet of frontage along Bethlehem Boulevard and 570 feet of frontage along Wharf Road.

The Property is depicted as a portion of four parcels (identified as B6, B16, B21, and B22) on the Sparrows Point peninsula in Baltimore County, Maryland (see **Figure 1 - Property Location Map**). A portion on the northern end of Parcels B6, B21, and B22 has been removed from the boundaries originally established for these Area B parcels and this acreage is now included as part of Area C. Area C was established for future commercial use (as opposed to industrial use). A copy of the metes and bounds for the Property is included in **Appendix B – User-Provided Information**.

2.2 Property and Vicinity General Characteristics

The Property, which is on the Sparrows Point Peninsula, consists of portions of four parcels with an approximate area of seventy-six (76) acres of land. The Property includes portions of the parcels identified as B6, B21, B22, and the Tin Mill Canal (Parcel B16). The surrounding area generally consists of commercial and industrial property uses.

2.3 Current and Historical Use of the Property

At the time of the site reconnaissance, the Property was occupied by an approximately 1,400 square-foot, one-story commercial building used as a marketing center by Tradepoint Atlantic. The majority of the Property is unimproved with portions being prepared for future development. The user informed WCG that the previous owners and occupants of the Property included Bethlehem Steel Corporation (BSC), International Steel Group, Mittal Steel, Arcelor, Severstal Holdings, and RG Steel. According to historical reports, a steel mill had occupied the Property since 1889. The following facilities related to steel production were formerly located on the Property or southern adjoining property: the Continuous Cold Tin Mill, Hot Strip Mill Area, and the Finishing Mills Area, each containing numerous steel product manufacturing operations. Processing and shipping buildings and Palm Oil Recovery, Inc. (PORI) facilities were also located on the Property.

2.4 Description of Structures, Roads, and Other Property Improvements

The Property is improved with an approximately 1,400 square-foot, one-story commercial building. The building has several office spaces and is used as a marketing space. The areas located outside of the building are improved with a concrete sidewalk and grass-based landscaping. The Tin Mill Canal runs east-west through the central portion of the Property. The canal is currently undergoing maintenance cleanup activities. A material recycling/crushing operation occupies the southern portion of the Property. A railway running east-west is located between the canal and the concrete recycling operation. The remaining portions of the Property are unoccupied, with portions under construction for the installation of underground utilities.

The following utility services are provided to the Property:

- Electric service – provided by Baltimore Gas and Electric Company (BGE);
- Natural gas service – provided by BGE;
- Potable water – provided by Baltimore Department of Public Works;
- Sanitary service – provided by Baltimore County; and
- Waste disposal services – provided by Cockey's Enterprises, Inc.

WCG observed that storm water from the building roof is directed to the surrounding ground surface. The storm water drains are believed to be directed to the canal.

WCG photographed select operations and improvements located on the Property to support this written report. Those photographs are included in **Appendix C - Photographic Documentation**.

2.5 Current Uses of the Adjoining Properties

The following is a listing of the current *adjoining properties* including the applicable property name, address, operation, and direction from the Property.

CURRENT ADJOINING PROPERTIES			
Property Name/Occupant	Address	Operation/Use	Direction from the Property
Baltimore Beltway	Interstate 695 Baltimore, Maryland	Highway	North across Bethlehem Boulevard

Universal Trade Solutions, Inc	8911 Bethlehem Boulevard Baltimore, Maryland	Warehouse	East across Wharf Road and large pond
Under Armour	7030 Tradepoint Avenue Baltimore, Maryland	Warehouse	South
Amazon	1700 Sparrows Point Boulevard Baltimore Maryland	Warehouse	South
Access World	100 Bethlehem Boulevard Baltimore, Maryland	Warehouse	West

WCG photographed selected sites, operations, and improvements located at or near the Property to support this written *report*. Those photographs are included in **Appendix C – Photographic Documentation**.

3 USER-PROVIDED INFORMATION

ASTM E 1527-13 provides that certain *Phase I ESA* tasks are to be performed by the *user*. According to ASTM E 1527-13, these tasks should be performed by or on behalf of the party seeking to qualify for a *Landowner Liability Protection (LLP)* to *CERCLA* Liability. While such information is not required to be provided to the *environmental professional*, the *environmental professional* shall request that the *user* provide the information as it may assist the *environmental professional* in identifying *recognized environmental conditions* in connection with the Property.

We provided the *user* with a questionnaire at the beginning of this *Phase I ESA* to assist them with these tasks. A copy of the User-Provided Information Questionnaire is included in **Appendix B – User-Provided Information**. In instances where the *user* did not provide the information requested, WCG has opined on the significance of the absence of this information as per ASTM E 1527-13. The following sections describe our review of the responses received, where applicable.

3.1 Recorded Land Title Records

To meet the requirements of ASTM E 1527-13 and “*all appropriate inquiries*”, a search for the existence of *environmental liens* or *activity and use limitations* that are filed or recorded against the Property must be conducted. These documents can be commonly found within *recorded land title records*. The *user* informed WCG that it is aware of no *environmental liens* or *activity and use limitations* with respect to the Property “with the exception of possible VCP conditions”.

Additionally, as part of a Phase I ESA conducted for the entire 3,100 acre property (including the Property) in May 2014, a title commitment document (included in **Appendix B – User-Provided Information**) was provided to WCG. Based on our review of this document, no information regarding *environmental liens* or *activity and use limitations* with respect to the Property is provided. However, the document does outline ninety-two (92) “special exceptions” which generally pertain to the Consent Decree associated with the entire 3,100 acre property (further discussed in **Section 4.4.1.5**), tenant rights, right of way use for various roads, utilities, and companies, a reservation of underground water rights, easements for sanitary sewers and other roads and utilities, floodplain/riparian areas, mineral rights, a holding tank agreement between BSC and the Maryland Department of the Environment (MDE), a right of entry agreement between BSC and the MDE, and other general use and access deed agreements and restrictions.

3.2 Environmental Liens or Activity and Use Limitations

As mentioned within **Section 3.1**, to meet the requirements of ASTM E 1527-13 and “*all appropriate inquiries*”, a search for the existence of *environmental liens* and *activity and use limitations* must be

conducted. The *user* informed WCG that they are not aware of *environmental liens* or *activity and use limitations* with respect to the Property with the exception of possible VCP conditions.

3.3 Specialized Knowledge

The *user* informed WCG that it is aware of no specialized knowledge or experience related to the Property or nearby properties.

3.4 Commonly Known or Reasonably Ascertainable Information

The *user* provided WCG with commonly known or *reasonably ascertainable* information with respect to the Property by referring to the Phase I and Phase II Reports provided to WCG.

3.5 Valuation Reduction for Environmental Issues

The *user* informed WCG that the Property is not being sold.

3.6 Owner, Property Manager, and Occupant Information

The *user* informed WCG that the Property *owner* is Tradepoint Atlantic, LLC and the Property *key site manager* is Peter Haid, Senior Director of Environmental.

3.7 Reason for Performing Phase I ESA

The *user* requested that WCG perform this *Phase I ESA* in support of the requirement for their MDE VCP application.

3.8 Obvious Indicators of the Presence or Likely Presence of Contamination of the Property

The *user* stated to WCG that to their knowledge, there are no *obvious* indicators of the presence or likely presence of contamination and referred to the Phase I and Phase II Reports for the Property.

3.9 Other Information Relevant to the Property

The *user* provided available documents, including prior Phase I and Phase II Reports.

4 RECORDS REVIEW

4.1 Standard Environmental Record Sources

According to ASTM E 1527-13, the purpose of reviewing regulatory records is to obtain and review records that will help identify *recognized environmental conditions* in connection with the Property. In addition, some records to be reviewed pertain not only to the Property, but also to properties within an additional ‘*approximate minimum search distance*’ in order to help assess the likelihood of problems from migrating *hazardous substances* or *petroleum products*. When the term ‘*approximate minimum search distance*’ includes areas outside the Property, it shall be measured from the nearest Property boundary. The term ‘*approximate minimum search distance*’ is used in lieu of the term ‘radius’ in order to include irregularly-shaped properties.

WCG retained Historical Information Gatherers (HIG) of Hopkins, Minnesota to provide an ASTM Radius Map Report (Radius Report) for this Property. The Radius Report is a computerized search of select state and federal environmental databases that identify various properties with a record of environmental activity. WCG reviewed the Radius Report and summarized the relevant listings in the following sections. A copy of the compiled Radius Report has been included as **Appendix D - Regulatory Documentation**.

4.1.1 Summary of Database Listings

4.1.1.1 The Property

According to the Radius Report, the Property is listed on the Toxic Release Inventory (TRIS), Integrated Compliance Information System (ICIS), and Facility Registry Service/Facility Index (FINDS/FRS) databases.

As Pori International Inc., Sparrows Point Plant, the Property is listed on the TRIS database with TRI facility ID 21219PRNTR90BET for a release of approximately 250 pounds of sulfuric acid in 1987 and 1988.

As U.S. Filter Recovery Services, the Property is listed on the ICIS database with FRS Facility ID 110028106804 for a NPDES individual permit with facility SIC code 5093. The Property is also listed on the FINDS/FRS database as part of the NPDES program with an SIC code description of scrap and waste materials. According to the Radius Report, the watershed is identified as the Patapsco River.

WCG has identified the former Pori International Inc., Sparrows Point Plant associated with the Property as a Finding as further discussed in **Section 8**.

4.1.1.2 Adjoining Properties

The Radius Report identifies various *adjoining properties* on certain government databases as follows:

Boise Cascade Composite Can, located at 8907 Bethlehem Boulevard (eastern adjoining property) is listed on the FINDS/FRS database with registry ID 110001832312 as a stationary source on the AIRS database as a metal can manufacturing facility. No further information was provided.

U.S. Can Company Plant 32, located at 2010 Reservoir Road (northern adjoining property) is listed on the TRIS database with TRI Facility ID 21219MRCNN2010R for releases of various chemicals, including methyl isobutyl ketone, naphthalene, xylene, n-butyl alcohol, certain glycol ethers, dichloromethane, 1,2,4-trimethylbenzene, toluene, and ethylbenzene in 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998. No further information was provided.

Maintenance of Way Tie Yard located at Sparrows Point Boulevard and Wharf Road (southern adjoining property) is listed on the Underground Storage Tank (UST) database with owner ID 10884 and facility ID 16357 with one 12,000-gallon gasoline UST listed as installed in 1979 and permanently out of use as of 1986.

Based on the information provided in the Radius Report, the presence of roads, structures, underground utilities, and/or the distances from the Property, WCG does not believe any of the database listings for the above *adjoining properties* represent a Finding in connection to the Property.

4.1.1.3 Surrounding Properties

The Radius Report identified none of the surrounding properties on the governmental databases searched within the *approximate minimum search distances*.

Based on the information provided in the Radius Report, the presence of roads, structures, underground utilities, the distances from the Property, the geology in the area of the Property, and/or WCG's observations during our *site reconnaissance*, WCG does not believe any of the database listings within the Radius Report represent a Finding in connection to the Property unless stated otherwise above.

4.1.2 Unplottable Sites

The Radius Report includes a section addressing "Unplottable Sites." Unplottable sites are sites, which, due to incomplete geographic location data or incomplete or incorrect address information, cannot be plotted correctly. The Radius Report listed fifty-one (51) unplottable sites in vicinity of the Property, as well as the specific databases in which they are listed.

The Radius Report identifies the following unplottable sites associated with the Property:

US Filter Recovery Services is listed on the FINDS/FRS and Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) databases. On the RCRA TSD database, the Property is listed with EPA ID MDD003068707 as a former transporter of chromium, silver, corrosive waste, mercury, spent halogenated solvents, spent cyanide plating bath solutions, cadmium, wastewater

treatment sludges, plating bath residues, lead, spent nonhalogenated solvents, ignitable waste, and decanter tank tar sludge from coking operations, with no violations reported. On the FINDS/FRS database, the Property is listed with registry ID 110037395770 as a stationary source on the RCRA program from 2008 through 2012. No violations were reported. WCG has identified this former facility associated with the Property as a Finding, as further discussed in **Section 8**.

Pori International located at Gate G Bethlehem Steel Sparrows Point is listed on the FINDS/FRS, Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS Administrative Case (Admin), and FTTS Inspection (Insp) databases. On the FINDS/FRS database, the property is listed with registry ID 110038949822 as part of the AIRS program with a waste code for scrap and waste materials from 2009 through 2014. No violations were reported. The property is also listed on the FINDS/FRS database with registry ID 110011911814 for compliance activity as part of the National Compliance Database (NCDB) program with no further information reported. On the FTTS Admin and FTTS Insp databases, the property is listed with docket number 462 with violation codes 6PU, 6PL, and 6PZ. The issued date is listed as March 30, 1990 with a closed date of March 21, 1991. A withdrawn date is listed as March 2, 1993. WCG has identified this former facility as a Finding, as further discussed in **Section 8**.

The Radius Report identifies the following properties as adjoining properties:

Boise Cascade Composite Can Div is listed on the RCRA Non Generator (NonGen) database with EPA Handler ID MDD980919294 as a former handler of ignitable waste with no violations reported.

4.2 Additional Environmental Record Sources

Based on our review of historical sources and interview documentation, the following *owners* and/or *occupants* were identified in association with the Property:

- RG Steel Sparrows Point;
- Bethlehem Steel Corporation;
- Mittal Steel;
- Severstal Sparrows Holding LLC;
- Sparrows Point LLC;
- Tradepoint Atlantic;
- US Filter Recovery Services; and
- Pori International Inc.

Based on the above information, WCG obtained and reviewed published, *reasonably ascertainable* information associated with the Property in regards to these Property *owners/occupants*. WCG obtained that information from the following sources:

- Records on file at the Baltimore County Fire Department;
- Records on file at the Maryland Department of the Environment (MDE);
- Records on file at the United States Environmental Protection Agency (USEPA);
- Records on file at the Baltimore County Department of Health; and
- Records on file at the Baltimore County Department of Environmental Protection and Sustainability.
- The following sections summarize our review of those records.

4.2.1 Baltimore County Fire Department Records Review

WCG submitted a FOIA request to the Baltimore County Fire Department on July 12, 2018 regarding records of hazardous material incidents, USTs, or other potential environmental concerns on the Property since November 2017 as WCG had already requested prior records for other Phase I ESAs previously conducted on the Tradepoint Atlantic property. As of the date of this *report*, the records were not made available for review. WCG will forward any information of interest to Tradepoint Atlantic, LLC after it becomes available for review, if it significantly impacts our conclusions presented herein. WCG identified this lack of a required interview as a *data gap*, which is discussed further in **Section 9.0**. A copy of the Baltimore County Fire Department FOIA request is included in **Appendix E – Environmental Records and Interview Documentation**.

4.2.2 Maryland Department of the Environment Records Review

WCG submitted a FOIA request to the Maryland Department of the Environment (MDE) on July 12, 2018 for records associated with the Property since November 2017 as WCG had already requested prior records for other Phase I ESAs previously conducted on the Tradepoint Atlantic property. As of the date of this *report*, the records were not made available for review. WCG will forward any information of interest to Tradepoint Atlantic, LLC after it becomes available for review, if it significantly impacts our conclusions presented herein. WCG identified this lack of a required interview as a *data gap*, which is discussed further in **Section 9.0**. A copy of the MDE FOIA request is included in **Appendix E – Environmental Records and Interview Documentation**.

4.2.3 United States Environmental Protection Agency Records Review

WCG submitted a FOIA request to the USEPA on July 12, 2018 for records associated with the Property since November 2017 as WCG had already requested prior records for other Phase I ESAs previously conducted on the Tradepoint Atlantic property. As of the date of this *report*, the records were not made available for review. WCG will forward any information of interest to Tradepoint Atlantic, LLC after it becomes available for review, if it significantly impacts our conclusions presented herein. WCG identified this lack of a required interview as a *data gap*, which is discussed further in **Section 9.0**. A copy of the USEPA FOIA request is included in **Appendix E - Environmental Records and Interview Documentation**.

4.2.4 Baltimore County Department of Health Records Review

WCG submitted a FOIA request to the Baltimore County Department of Health on July 12, 2018 for records associated with the Property since November 2017 as WCG had already requested prior records for other Phase I ESAs previously conducted on the Tradepoint Atlantic property. According to a *FOIA* response received on July 13, 2018, the Baltimore County Department of Health has no records responsive to our request. Copies of the Baltimore County Department of Health FOIA request and response are included in **Appendix E – Environmental Records and Interview Documentation**.

4.2.5 Baltimore County Department of Environmental Protection and Sustainability

WCG submitted a FOIA request to the Baltimore County Department of Environmental Protection and Sustainability (EPS) on July 12, 2018 for records associated with the Property since November 2017 as WCG had already requested prior records for other Phase I ESAs previously conducted on the Tradepoint Atlantic property. As of the date of this *report*, the records were not made available for review. WCG will forward any information of interest to Tradepoint Atlantic after it becomes available for review, if it significantly impacts our conclusions presented herein. WCG identified this lack of a required interview as a *data gap*, which is discussed further in **Section 9.0**. A copy of the Baltimore County Department of EPS FOIA request is included in **Appendix E – Environmental Records and Interview Documentation**.

WCG previously submitted FOIA requests to the above listed sources during the time the Phase I ESA for the entire 3,100-acre property was conducted in May 2014 as well as for other Phase I ESAs conducted in November 2017. Responses were received from these sources with the exception of the Baltimore County Department of Health. Documents provided by these sources were reviewed and summarized as part of the May 2014 Phase I ESA, which is further discussed in **Section 4.4.1.5**.

4.3 Physical Setting Sources

WCG obtained and reviewed published, *reasonably ascertainable* information concerning the physical setting of the Property. WCG obtained that information from the following sources:

- A topographic map prepared by *USGS*.
- Phase I ESA Former RG Steel Facility Sparrows Point, Maryland report dated May 19, 2014 prepared for Bryan Cave LLP by Weaver Boos Consultants (Weaver Boos).

The following is a summary of our review of those *physical setting sources*.

4.3.1 Topography

The purpose of the topographic map review is to evaluate the presence of physical structures and/or unique topographic conditions that would be of potential importance in the event of a release or migration of a hazardous material to or from the Property. WCG reviewed the *USGS* 1974 Sparrows Point, Maryland, *7.5-minute quadrangle topographic map* showing the area in which the Property is located (see **Figure 1**). The *USGS* map shows that the Property is at an elevation of approximately five (5) feet above msl and slopes generally to the southwest.

As discussed further in **Section 4.4.1**, the Sparrows Point peninsula was originally comprised of approximately 2,166 acres of land with the remaining area comprised of water. Over time, slag fill materials generated from the on-site steel making activities were placed in the water-filled areas in and surrounding the Sparrows Point peninsula. The slag fill was placed in both the water bodies in the interior of the peninsula (such as Humphrey Creek) as well as expanding outward to the surrounding river and bay areas, thus bringing the land mass acreage of the current Sparrows Point peninsula to approximately 3,100 acres of land.

Based on information provided in historical reports, unconfined groundwater exists within a shallow aquifer composed of the slag fill material, and intermediate and deep aquifers exist within the Talbot and Patapsco formations, respectively. The aquifers are hydraulically interconnected, but are partially separated in areas by discontinuous lenses of silt and clay. Radial flow on the western side of the peninsula is toward the Patapsco River to the west. Flow on the south side of the peninsula is south toward the southern shoreline and turning basin. Flow on the east side of the peninsula is toward Old Road Bay to the east. Groundwater flow direction within the intermediate aquifer along the western portion of the peninsula is northwest, apparently influenced by historical pumping activities in the area near the shipyard to the west of the peninsula. Groundwater flow direction within the intermediate aquifer along the eastern portion of the peninsula is south-southwest in the apparent direction of the natural gradient. Groundwater flow direction within the deep aquifer is unidirectional to the east-

northeast. According to historical reports, further discussed in **Section 4.4.1.5**, groundwater on the Property appears to flow to the northeast and southwest.

4.3.2 Regional Subsurface Geology

Based on our review of information provided in historical reports, the Sparrows Point facility is located within the Coastal Plain Physiographic Province, which is the relatively low-lying portion of the Atlantic Slope. The unconsolidated sediments beneath Sparrows Point rest on a surface of Precambrian and Early Paleozoic crystalline bedrock that slopes downward to the southeast. The unconsolidated sediments include (from youngest to oldest) recent fill deposits (man-made) consisting primarily of iron- and steel-making slag approximately thirty (30) feet (ft.) thick; the Pleistocene Talbot Formation (predominantly clays, organic clays, silts and muds) approximately five to 100 ft. thick; the Upper Cretaceous Patapsco Formation (predominantly sand and gravel interbedded with lenses of sandy clay) approximately 145 to 255 ft. thick; the Upper Cretaceous Arundel Formation (predominantly dense, plastic clays with nodules of iron oxide and a few discontinuous lenses of sand) approximately 20 to 180 ft. thick with an average thickness of 100 ft.; and the Lower Cretaceous Patuxent Formation (interbedded and lenticular beds of gravel, sand, sandy clay, and clay) approximately 50 to 250 ft. thick. The Cretaceous formations comprise the Potomac Group.

4.4 Historical Use Information

The objective in consulting historical sources is to develop a history of the previous uses or occupancies of the Property and the surrounding area in an effort to identify those uses or occupancies that are likely to have resulted in the presence of a Finding in connection with the Property.

According to ASTM E 1527-13, identifying prior uses of the Property is a two-tiered process. The first step is to evaluate uses of the Property from the present back to the year 1940 using *standard historical sources*. The second step involves assessing the uses of the Property prior to the year 1940, or until a time when the Property was not yet developed, again using *standard historical sources*.

4.4.1 Standard Historical Sources

WCG requested and reviewed the following *standard historical sources* as part of this report:

- Historical aerial photographs;
- Fire Insurance Maps;
- Historical USGS 7.5-minute quadrangle maps;
- Local Street Directories; and
- Historical Reports.

Our review of *standard historical sources* obtained during this *Phase I ESA* is presented in the following sections. Copies of the historical records that we obtained are included in **Appendix F - Historical Records Documentation** with the exception of historical reports, which are available upon request. Summaries of the information provided with each *standard historical source* are discussed in the proceeding sections.

4.4.1.1 Historical Aerial Photographs

WCG reviewed historical *aerial photographs* provided by HIG. The following table summarizes the findings of our review of those photographs with respect to the Property and *adjoining properties*:

AERIAL PHOTOGRAPHS	
Date	Observations
1927	<p>The majority of the Property appears as Humphrey Creek, with the remainder of the Property appearing as unimproved land and row-crop farmland. The eastern portion of the Property is not visible on the aerial.</p> <p>The northern adjoining property appears as a portion of Humphrey Creek, unimproved land, and row-crop farmland. The eastern adjoining property is not visible on this aerial. The western adjoining property appears improved with a portion of Humphrey Creek and row-crop farmland. The southern adjoining property appears as a portion of Humphrey Creek and unimproved land.</p>
1938	<p>The Property appears largely unchanged with the exception that the eastern portion is now visible, and is occupied by Humphrey Creek, unimproved land, and a road.</p> <p>The northern and western adjoining properties appear unchanged. The eastern adjoining property appears with a portion of Humphrey Creek and unimproved land. The southern adjoining property appears improved with railroad tracks associated with a large industrial building.</p>

1948	<p>Two areas on the southern portion of the Property appear to be in the process of being filled in (near the railroad tracks). In addition, a bridge is present across Humphrey Creek on the eastern portion of the Property.</p> <p>Additional industrial buildings have been constructed on the southern adjoining property, as well as additional railroad tracks. The western adjoining property appears unchanged. The eastern adjoining property appears improved with a storage area. The northern adjoining property appears improved with a pumping station and storm water reservoir.</p>
1952	<p>Additional filling activities are occurring on the southern portion of the Property.</p> <p>The eastern, western, and northern adjoining properties appear unchanged. The southern adjoining property appears improved with additions to the existing industrial building on the property.</p>
1957	<p>The majority of the Property has been filled in with the exception of an area on the northeastern portion and a small creek area that discharges to Humphrey Creek on the western portion. The Property appears improved with a parking lot and material storage areas associated with the industrial buildings on the southern adjoining property.</p> <p>Land clearing/moving activities are occurring on the northern adjoining property. The western adjoining property appears improved with land development activities. Additional industrial buildings and railroad tracks are present on the southern adjoining property. The eastern adjoining property appears improved with the construction of a roadway followed by a portion of Humphrey Creek.</p>
1966	<p>The Property appears improved with additional material storage, parking areas, a canal (Tin Mill Canal), and reservoir on the northeastern portion. One AST is visible on the northwestern portion of the Property. Industrial buildings associated with the southern adjoining property are now present on the southern portion of the Property.</p> <p>The northern adjoining property appears improved with an earthen material storage area, expressway, and portion of the reservoir from the Property. The eastern adjoining property appears unchanged with the exception that the roadway has been constructed. The southern adjoining property appears largely unchanged, with the exception that some buildings have been expanded and reach onto the Property. The western adjoining property appears improved with additional filling activities.</p>

1974	The Property appears largely unchanged with the exception that the reservoir on the northeastern portion is no longer present.
1982	
1989	
1994	
1999	
2005	The Property appears largely unchanged.
2009	
2013	
2015	One portion of a building on the southwestern portion of the Property is no longer present.
	The northern, western, and eastern adjoining properties appear unchanged. The majority of buildings on the southern adjoining property are no longer present with the exception of one building along the western portion of the property.

Our review of the *aerial photographs* identified historical filling activities on the Property and adjoining properties, industrial activities on the Property and southern adjoining property, and railroad tracks throughout the Property and adjoining properties, which WCG has identified as Findings in connection with the Property as further discussed in **Section 8**. Copies of the *aerial photographs* reviewed are included in **Appendix F - Historical Records Documentation**.

4.4.1.2 Fire Insurance Maps

WCG reviewed Sanborn™ *fire insurance maps* provided by HIG. The following table summarizes the findings of our review with respect to the Property and *adjoining properties*:

SANBORN FIRE INSURANCE MAPS	
Date	Observations
1915	The Property appears as primarily occupied by Humphrey Creek. The adjoining properties appear partially occupied by Humphrey Creek followed by largely unimproved land. The southern adjoining property appears identified as "Maryland Steel Co."

Our review of the Sanborn™ *fire insurance maps* identified Humphrey Creek on the Property and adjoining properties, which indicates that the Creek was filled between 1915 and the present day. WCG lists the filling activities as a Finding in connection with the Property as further discussed in **Section 8**. Copies of the Sanborn™ *fire insurance maps* reviewed are included in **Appendix F - Historical Records Documentation**.

4.4.1.3 Historical USGS Topographic Maps

WCG reviewed historical *USGS topographic maps* provided by HIG. The following table summarizes the findings of our review with respect to the Property and *adjoining properties*:

HISTORICAL TOPOGRAPHICAL MAPS		
Map Name and Size	Date	Observations
North Point, Maryland 1:62,500	1893	The Property appears primarily occupied by Humphrey Creek, with some areas of unimproved land along the northern and southeastern Property boundaries.
	1898	
Tolchester, Maryland 1:125,000	1903	

<p>North Point, Maryland</p> <p>1:62,500</p> <p>Tolchester, Maryland</p> <p>1:125,000</p>	<p>1904</p> <p>1908</p>	<p>The Property appears unchanged.</p> <p>The eastern and western adjoining properties appear unchanged. Roads appear on the northern adjoining property. Roads and two structures are present on the southern adjoining property.</p>
<p>North Point, Maryland</p> <p>1:62,500</p>	<p>1943</p>	<p>The Property appears as primarily occupied by Humphrey Creek, and railroad tracks are now present along the southern Property boundary.</p> <p>The northern, western, and eastern adjoining properties appear largely unchanged. The southern adjoining property appears improved with railroad tracks, roads, and four large industrial buildings.</p>
<p>Sparrows Point, Maryland</p> <p>1:24,000</p> <p>North Point, Maryland</p> <p>1:62,500</p>	<p>1944</p> <p>1947</p>	<p>The Property appears unchanged with the exception that a bridge is present on the eastern Property boundary.</p> <p>The northern adjoining property appears improved with a retention basin/pond and one building. The eastern and western adjoining properties appear unchanged. The buildings on the southern adjoining property appear to have expanded and additional railroad tracks have been constructed.</p>
<p>Sparrows Point, Maryland</p> <p>1:24,000</p>	<p>1969</p>	<p>The majority of Humphrey Creek has been filled in, and the Property appears improved with a canal feature known as the Tin Mill Canal (TMC). The Property appears improved with several roads, five buildings, and a retention pond area in the northeastern corner.</p> <p>The northern adjoining property appears improved with an expressway, substation, and one additional building. The western adjoining property appears improved with one building and railroad tracks. The eastern adjoining property appears improved with an expressway followed by a retention pond. The southern adjoining property appears improved with additions to the existing buildings, as well as several smaller structures.</p>

Sparrows Point, Maryland 1:24,000	1974	<p>The TMC and one road have been expanded eastward on the Property. The Property also appears improved with one smaller structure and an addition to a building on the southern adjoining property.</p> <p>The northern adjoining property appears improved with additional expressway roads. The eastern and western adjoining properties appear unchanged. The southern adjoining property appears improved with one addition to an existing building.</p>
Sparrows Point, Maryland 1:24,000	2011	No structures are visible on this map. The road along the northern Property boundary is identified as Bethlehem Boulevard. The roads along the southern portion of the Property that extend to the southern adjoining property are identified as Warehouse Road, Penwood Street, Sheet Mill Road, Strip Mill Road, and J Yard Road.
Sparrows Point, Maryland 1:24,000	2014 2016	The Property appears largely unchanged. The roads along the southern portion of the Property that extend to the southern adjoining property appear in a different configuration.

Our review of the historical *USGS topographic maps* provided by HIG identified filling activities on the Property and adjoining properties, as well as industrial buildings and railroad tracks on the southern adjoining property, which WCG lists as Findings in connection with the Property as further discussed in **Section 8**. Copies of the historical *USGS topographic maps* reviewed are included in **Appendix F - Historical Records Documentation**.

4.4.1.4 Local Street Directories

No street address exists for the Property; therefore, WCG did not request a report of historical *local street directories* from HIG. Based on information gathered from other sources, WCG believes that this information would not be significant in our assessment of *recognized environmental conditions* in connection with the Property.

4.4.1.5 Historical Reports

As previously mentioned, the Property includes portions of several parcels including B6, B21, B22, and the Tin Mill Canal (Parcel B16). Based on our review of historical reports, Phase II investigations as well as development activities have been conducted on these parcels. The Phase II investigations were conducted on these Area B parcels prior to establishment of Area C; therefore, the historical report titles

reference Area B as opposed to Area C. General information regarding regulatory agreements for the larger Tradepoint Atlantic property is provided in many of these reports as summarized below.

As part of acquisition of the 3,100-acre property by Tradepoint Atlantic, two agreements were negotiated with the regulatory agencies to create an orderly process for investigation and remediation of the overall property. The first agreement is an Administrative Consent Order (ACO) negotiated with the MDE. The ACO was signed on September 12, 2014 and became effective on September 18, 2014. The second Agreement is a Settlement Agreement (SA) negotiated with USEPA, which was signed on September 16, 2014 and became effective on November 24, 2014. Pursuant to these agreements, current owner Tradepoint Atlantic assumed responsibility for ongoing environmental work on the property. The ACO provides the framework for investigations and remedial measures to address contaminants of concern on the entire 3,100-acre Site under the MDE VCP. One of the primary purposes of the SA was to resolve Tradepoint Atlantic's potential liability under CERCLA and RCRA for "existing contamination" on the Property. The SA also acknowledges that Tradepoint Atlantic is not responsible for historical offshore impacts.

Tradepoint Atlantic submitted an application to enter the entire 3,100-acre property into MDE's VCP in June 2014 for purposes of ultimately obtaining No Further Action (NFA) Letters for sub-Areas of the entire property, including the Property. MDE accepted the entire property into the VCP in September 2014. When remediation of the entire property is complete, Tradepoint Atlantic will receive a VCP Certificate of Completion for the entire property.

On June 12, 2018, Tradepoint Atlantic submitted a VCP application for Area C (the Property), which is located within the 3,100 acre property. The Area C application indicated that future property use will be Tier 2 (Commercial). In addition, an updated application for the 3,100-acre larger property was submitted to remove the acreage for Area C from the original VCP area.

The following historical environmental reports associated with Property were reviewed as part of this *Phase I ESA*:

Parcel B6

- Phase II Investigation Work Plan, Area B: Parcel B6, Revision 2 dated May 12, 2016 prepared for EnviroAnalytics Group (EAG) and prepared by ARM Group, Inc. (ARM);
- Phase II Investigation Report, Area B: Parcel B6, Revision 2 dated March 16, 2018 prepared for EAG by ARM;
- Response and Development Work Plan, Area B: Sub-Parcel B6-2, Revision 1 dated January 24, 2018 prepared for EAG by ARM; and
- Response and Development Work Plan Addendum, Retail Area #1, Area B: Sub-Parcel B6-2,

Revision 2 dated May 22, 2018 prepared for EAG by ARM.

Parcel B21

- Phase II Investigation Work Plan, Area B: Parcel B-21, Revision 1 dated June 28, 2018 prepared for EAG by ARM;

Parcel B22

- Phase II Investigation Work Plan, Area B: Parcel B22, Revision 1 dated June 2, 2016 prepared for EAG by ARM;
- Response and Development Work Plan, Area B: Parcel B-22, Phase 1, Revision 5 dated March 28, 2017 prepared for EAG by ARM;
- Finishing Mills Groundwater Phase II Investigation Report dated November 30, 2016 prepared for EAG by ARM;
- Delineation and Excavation of PCB and DRO Impacted Soil, Parcel B-22 dated December 22, 2016 prepared for EAG by ARM;
- Characterization of Naphthalene and Benzo(a)pyrene Impacts (Revision 1), PORI Lagoon (B22-119-SB), Area B: Parcel B22 dated April 19, 2018 prepared for EAG by ARM.

Tin Mill Canal (Parcel B16)

- Maintenance Cleanup Plan for the Tin Mill Canal, Revision 3 dated December 18, 2017 prepared for EAG by ARM.

Due to the large volume of documents reviewed, the above reports have been excluded from **Appendix F - Historical Records Documentation**, however are available upon request. The following describes the findings of our review of these reports. Our review was focused on the portion of these parcels that are part of the Property as well as areas that were relevant to identifying *recognized environmental conditions*.

Parcel B6

Phase II Investigation Work Plan, Area B: Parcel B6, Revision 2 dated May 12, 2016

This work plan outlines the proposed sampling locations for a Phase II Investigation for the entire Parcel B6. A total of 86 soil borings were proposed in the work plan. The work plan was approved by MDE on February 16, 2017. The results of the Phase II Investigation are presented in the Phase II Investigation Report, which is discussed below.

Phase II Investigation Report, Area B: Parcel B6, Revision 2 dated March 16, 2018

Based on a review of the Phase II Investigation Report, Parcel B6 was formerly occupied in part by the Hot Strip Mill associated with the former steel mill. The processes in the Hot Strip Mill generally included heating and rolling hot bands of metal, and cooling and coiling of the finished products. The furnaces in the Hot Strip Mill used a combination of natural gas, No. 6 fuel oil, and/or on-specification used oil.

A total of 93 soil borings were completed on Parcel B6 during the Phase II Investigation. Soil samples were analyzed for the USEPA Target Compound List (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH) diesel range organics (DRO) and gasoline range organics (GRO), Oil and Grease, USEPA Target Analyte List (TAL) metals, hexavalent chromium, polychlorinated biphenyls (PCBs), and/or cyanide. The analytical results indicate benzo(a)pyrene and naphthalene were detected in the soil above the Project Action Limits (PALs). Four of the nine samples with concentrations exceeding the PAL for benzo(a)pyrene are located on the Property. Various PCBs were also detected at concentrations exceeding their respective PALs in six soil samples, one of which is located on the Property. Additionally, concentrations of diesel range organics (DRO) were detected above the PAL in three soil samples located outside of the Property boundary. Two of the samples (B6-066-SB-5 and B6-054-SB-4) are located near the western Property boundary. These soil samples targeted a former waste oil pit and fuel/oil tanks, respectively. Six inorganic constituents were also detected above their respective PALs on Parcel B6. Arsenic, lead, manganese, thallium, and vanadium were detected on the Property above their respective PALs at various locations.

During investigation activities, six sample locations on Parcel B6 showed physical evidence of the presence of potential free product. One of these locations, identified as B6-056-SB, is on the Property. Temporary screening piezometers were installed at the six locations to determine evaluate the potential mobility of free product. Although non-aqueous phase liquid (NAPL) was identified in two of the piezometers (B6-066-PZ and B6-011-PZ), they were not located on the Property. NAPL delineation activities were conducted in the vicinity of these two piezometers and subsequent excavation activities were conducted in the area of B6-011-PZ. According to the report, response actions in the vicinity of B6-066-PZ, located near the western Property boundary, will be conducted in the future.

A Human Health Screening Level Risk Assessment (SLRA) was conducted based on the soil analytical data in support of evaluating potential response actions. The risk ratios indicated that the cumulative cancer risks for the composite worker were less than the regulatory risk level of $1E-5$. The non-cancer risks were summed based on target organ. A cumulative Hazard Index of 1 was exceeded in certain areas for the dermal system evaluated for Composite Worker exposure to surface and subsurface soils, primarily due to elevated thallium.

Groundwater on Parcel B6 was investigated as part of the Finishing Mills Groundwater Investigation. The results of the groundwater investigation are presented in the Finishing Mills Groundwater Phase II Investigation Report, which is discussed further below.

Sub-Parcel B6-2

Response and Development Work Plan for Area B: Sub-Parcel B6-2, Revision 1 dated January 24, 2018

According to the work plan, Sub-Parcel B6-2 consists of 50.5 acres located in the northern portion of Parcel B6 (to the north of the former Hot Strip Mill Area). The majority of Sub-Parcel B6-2 is located within Area C (i.e. the Property). The buildings on this sub-parcel have been demolished. Former structures included service buildings, access gates, and parking lots. Also, there were several railways that passed through Sub-Parcel B6-2. A small petroleum recovery facility was historically located near the western end of the sub-parcel. The facility included a small rectangular surface impoundment that was diked to separate it from the Humphrey Creek. An additional former impoundment may also have been historically present to the east of the access gate ("G" Gate) located near the center of Sub-Parcel B6-2. Both the petroleum recovery facility and the former "G" Gate impoundment were identified as recognized environmental conditions in a 2014 Phase I ESA prepared by Weaver Boos.

A total of 52 soil samples from 26 boring locations were completed on Sub-Parcel B6-2 as part of the Phase II investigation for the larger Parcel B6 (discussed above). Five inorganics (arsenic, manganese, thallium, vanadium, and lead), benzo(a)pyrene, total PCBs, and DRO were detected in the soil at concentrations above the PALs. In addition, elevated photoionization (PID) readings and odors were detected in boring B6-054-SB located on the Property. A soil sample from soil boring B6-054-SB had a DRO concentration exceeding the PAL. There were also two locations (B6-056-SB and B6-066-SB) within the sub-parcel or directly adjacent where evidence of NAPL was noted. As mentioned previously, measureable NAPL was detected in the piezometer installed at B6-066-SB, located to the west of the Property. NAPL delineation activities have been conducted in the area of B6-066-SB. Based on the delineation results, NAPL was not detected on the Property, however was detected directly west of the Property.

As part of the Finishing Mills Groundwater Investigation, a total of thirteen (13) groundwater samples were collected within Parcel B6-2 and analyzed for TCL-VOCs, TCL-SVOCs, TAL-Dissolved Metals, PCBs, TPH-DRO/GRO, Oil and Grease, hexavalent chromium, TAL-Metals (total), and/or cyanide. Groundwater PAL exceedances in the vicinity of Parcel B6-2 consisted of nine (9) inorganic compounds (arsenic, chromium, cobalt, iron, lead, manganese, nickel, thallium, and vanadium), three SVOCs (benzo[a]anthracene, naphthalene, and pentachlorophenol), and DRO. There is no groundwater use on the Property, therefore, the exceedances do not present a human health hazard; however, property water management is required to prevent risks to workers.

A SLRA was performed for soils on Parcel B6-2 to assess potential risks to Construction Workers as well as future Composite Workers and potential child/youth visitors in the proposed retail area. According to the SLRA, the retail area on Parcel B6-2 requires mitigation of the estimated risks associated with existing soil via a VCP capping remedy, which would also include standard institutional controls and long term maintenance requirements. The capping remedy is proposed to be installed using a phased approach as individual retail areas are designed and completed. The length of time that Construction Workers can perform intrusive work before site-specific health and safety measures may be needed was also calculated in the SLRA.

The Response and Development Work Plan (RDWP) also presents protocols for development activities, including erosion and sediment control, grading and site preparation, installation of underground utilities, and storm water management. In addition, protocols for future development of the retail area including specifications for paved areas, landscaped areas, and storm water ponds were provided in the work plan. The RDWP was approved by the agencies on February 9, 2018. As of the date of this report, implementation of the RDWP is currently underway.

Response and Development Work Plan Addendum, Retail Area #1, Area B: Sub-Parcel B6-2, Revision 2 dated May 22, 2018

This RDWP Addendum was prepared to facilitate the construction of a Royal Farms station designated as Retail Area #1. The proposed location for the development is within Sub-Parcel B6-2, which is located on the Property (in Area C). The RDWP Addendum presents the proposed layout for the retail lot, the capping remedy, and the interim measures to be used to allow occupancy of the retail lot prior to full implementation of the capping remedy on the sub-parcel.

Parcel B21

Phase II Investigation Work Plan, Area B: Parcel B-21, Revision 1 dated June 28

Parcel B21, located to the south and east of the Tin Mill Canal, consists of approximately 60.5 acres. The northern end of Parcel B21 is located on the Property; however, the majority of Parcel B21 is part of the southern adjoining property. The parcel was formerly occupied by a portion of the Finishing Mills Area. Although the buildings on Parcel B21 have been demolished, the large concrete slabs for the former Continuous Tin Mill remain. There are several subgrade structures that have been filled in; however, some remain partially open. Open subgrade structures include, but are not limited to, the historical halogen lines (northern end of parcel on the Property) and the historical chromium pits (southern end of parcel on southern adjoining property). During a site visit conducted by ARM on February 1, 2018, a blue precipitate was observed along the walls of the subsurface structures for the former halogen lines and evidence of NAPL was observed on storm water within certain open subgrade structures. Several steel making processes were conducted in the former Tin Mill facilities including descaling in pickling

tanks, steel strip processing in the Tandem Mill, washing in caustic wash and scrubber tanks, annealing, application of a tin coating, and chrome plating. Some of the operations in the Tin Mill facilities were historically conducted on the Property.

As part of the Phase II investigation, a total of 74 soil borings were proposed on Parcel B21. The work plan was approved by the MDE on July 11, 2018. The investigation activities were initiated in July 2018 and are complete. As of the date of this report, ARM is in the process of preparing a Phase II Investigation Report. Groundwater was investigated as part of the Area B Groundwater Investigation and the Finishing Mills Groundwater Investigation, which is discussed further below.

Parcel B22

Phase II Investigation Work Plan, Area B: Parcel B22, Revision 1 dated June 2, 2016

According to the Phase II Work Plan, Parcel B-22 was formerly occupied by the following major facilities: the Continuous Cold Tin Mill, Hot Strip Mill Area, and the Finishing Mills Area, each containing numerous steel product manufacturing operations. The parcel also included processing and shipping buildings and Palm Oil Recovery, Inc. (PORI) facilities. The northern end of Parcel B22 is located on the Property.

A total of 179 soil borings were proposed in the work plan. The work plan was approved by the agencies on June 16, 2016. Results of the Phase II investigation were presented in the RDWP for Parcel B22, which is discussed below.

Response and Development Work Plan for Area B: Parcel B22, Phase I, Revision 5 dated March 28, 2017

According to the document, Parcel B22 is comprised of 130.8 acres of land. Several iron and steel work processes were completed on Parcel B22, formerly known as the Cold Mill, Coating Mills, and the Finishing Mills Areas. The former facilities and processes generally included steel finishing operations including hot and cold milling and various plating operations including chrome, tin, and zinc alloys.

A Phase II investigation was performed on Parcel B22 in July 2016. A total of 386 soil samples from 179 boring locations were collected and analyzed. No VOCs were detected in the soil on the Property above the PAL. Seven SVOCs (all polynuclear aromatic hydrocarbons [PAHs]) were also detected above their respective PALs with exceedances at several locations on the Property. In addition, PCBs were detected at two locations on the Property at concentrations above the PALs. DRO was also detected above the PAL at 20 locations on Parcel B22, two of which are on the Property. Additionally, six inorganic compounds (arsenic, manganese, lead, thallium, vanadium, and hexavalent chromium) were detected on Parcel B22 above their respective PALs with arsenic being the most common exceedance. Primarily arsenic and manganese were detected on the Property above the PALs at multiple locations.

Field observations indicated the potential presence of NAPL in 12 soil borings on Parcel B22. Piezometers were installed at these locations to assess for the presence of NAPL. No NAPL was

identified on the Property. Groundwater was investigated as part of the Finishing Mills Groundwater Investigation, which is discussed below.

The RDWP for Parcel B22 focused on the Phase I development area, which is south of the Property. Additional investigation activities to delineate elevated concentrations of PCBs, PAHs, arsenic, and lead were conducted in the Phase I area. In addition, a SLRA was performed based on data in the development area. The RDWP also presented the proposed site development plan and development implementation protocols. The RDWP was approved by the agencies on March 29, 2017. As of the date of this report, construction activities are substantially complete in the Phase 1 development area.

Delineation and Excavation of PCB and DRO Impacted Soil, Parcel B-22 dated December 22, 2016

During the Phase II investigation on Parcel B22, elevated levels of PCBs and DRO were identified. This document provides a summary of delineation, excavation, and confirmation soil sampling in areas where remedial actions were conducted to address these impacts. One location, B22-152-SB, with an elevated DRO concentration was identified on the Property. Approximately 1,720 cubic yards of DRO-impacted material were excavated from the area of this location in September 2016. The results of the confirmation soil sampling indicated concentrations remaining in the soil were below the threshold of 6,200 mg/kg.

Finishing Mills Groundwater Phase II Investigation Report dated November 30, 2016

According to the report, the Finishing Mills Area consists of 339.8 acres and includes three separate parcels designated as B6, B21, and B22. A total of 71 groundwater samples were collected for analysis in May through July 2016 as part of the Finishing Mills Groundwater Investigation. Thirty-seven historical wells were selected for inclusion in the study. In addition, 24 monitoring wells and 32 piezometers were installed across the study area.

Based on the analytical results of the groundwater investigation, four VOCs were identified in the shallow zone at concentrations exceeding the PALs. Monitoring wells/piezometers with exceedances in the shallow zone are located to the south of the Property. Six VOCs exceeded the PALs in the intermediate zone. Five monitoring wells or piezometers on the Property exhibited concentrations of VOCs above the PALs in the intermediate zone.

Six SVOCs were detected in the shallow zone above the PALs with benzo(a)anthracene and naphthalene being the most common exceedances. SVOCs were detected in groundwater on the Property above the PALs at eleven locations, particularly in the area of the Tin Mill Canal. Five SVOCs were detected above the PALs in the intermediate zone. SVOCs were detected on the Property above the PALs in the intermediate zone at two locations.

In the shallow zone, there were 38 exceedances of the PAL for DRO and two exceedances of GRO. The

PAL for DRO was exceeded at twelve locations on the Property and the GRO PAL was exceeded at one location. In the intermediate zone, there were 25 DRO exceedances, four of which are on the Property.

PCBs were detected above their respective PALs at one sample location screened in the shallow zone. This location is on the Property along the Tin Mill Canal.

Eight inorganic constituents (cobalt, iron, manganese, nickel, thallium, vanadium, hexavalent chromium, and total cyanide) were detected above the PALs in the shallow zone monitoring wells. PALs for inorganic constituents were exceeded in the shallow zone at 13 locations on the Property. Six inorganic constituents (arsenic, cobalt, iron, manganese, thallium, and hexavalent chromium) were detected above PALs in the intermediate zone. PALs for inorganic constituents were exceeded in the intermediate zone at 5 locations on the Property.

Groundwater analytical results were compared to USEPA Vapor Intrusion Screening Levels to assess the potential risk associated with vapor intrusion. Total cyanide was the only parameter that exceeded the vapor intrusion criteria with 25 locations exhibiting exceedances, ten of which are on the Property in the area of the Tin Mill Canal. It should be noted that the total cyanide reported in groundwater includes all forms of cyanide and therefore, may not be representative of the actual vapor intrusion potential.

Characterization of Naphthalene and Benzo(a)pyrene Impacts (Revision 1), PORI Lagoon (B22-119-SB), Area B: Parcel B22 dated April 19, 2018

During the Parcel B22 Phase II investigation, elevated detections of PAHs were identified within the area of the PORI Lagoon in the northern portion of Parcel B22 (part of Area C). This document outlines the proposed additional investigation activities in the area of soil boring B22-119-SB, located on the Property, to further characterize the extent of naphthalene and benzo(a) pyrene impacts in the soil associated with the PORI lagoon. The agencies approved this work plan on March 1, 2018. It is our understanding that delineation borings have been completed, delineation piezometers have been installed, and test pits were completed. A report documenting the results of the investigation is being prepared.

Tin Mill Canal (Parcel B16)

Maintenance Cleanup Plan for the Tin Mill Canal dated December 18, 2017

This document is a work plan for the maintenance of the Tin Mill Canal (TMC) through the removal of accumulated sediments from the canal to restore its flow capacity, followed by capping of the residual materials to provide for long-term protection of human health and the environment. According to the report, *the TMC is a constructed swale that currently serves as a conveyance for stormwater runoff and groundwater base flow from an approximately 800-acre drainage area of the Sparrows Point site. Waters collected in the TMC are routed to the Humphrey's Creek Waste Water Treatment Plant*

(HCWWTP) for treatment prior to discharge via the NPDES permitted Outfall 014. The TMC is located in the central portion of the Sparrows Point property, south of Interstate 695 and Highway Route 158. The TMC is approximately 7,500 feet in length, 30 to 50 feet wide, and 15 feet below grade. The canal was constructed from slag and includes numerous point discharges (outfalls) from the site storm sewer system. The eastern portion of the TMC began operating in the early 1950s. The western (remaining) portions of the canal and HCWWTP were completed and began operating in approximately 1969. Since its construction, the TMC has historically also conveyed wastewater discharged from numerous manufacturing facilities associated with former steelmaking and steel finishing operations at the Sparrows Point site. Over the years, some of the heavier particles and oils in the wastewaters from the steel manufacturing facilities have settled to the bottom of the TMC. The canal still receives and controls stormwater runoff from the Site; the HCWWTP remains operational to treat stormwater runoff prior to discharge.

The objectives of the cleanup work for the TMC are to restore the canal surface to near the original grades, and to leave it in a condition that is protective of both human health and the environment. The work plan proposed removal and disposal of impacted sediments associated with the canal, and the installation of acceptable isolation and channel stabilization materials (i.e. engineered cap) above the sediments left in place to prevent direct contact exposures and support future stormwater conveyance through the TMC. The work plan was approved by the agencies on January 16, 2018.

Sediment sampling and characterization for the TMC was completed in November 2017 in accordance with an agency approved work plan. The investigation findings were documented in a Sediment Characterization Report for the Tin Mill Canal, Revision 2 dated November 15, 2017 prepared by ARM for EAG. Based on the results of the sampling, the primary constituents of concern in the canal sediments were identified as oil and grease and PCBs. Oil and grease was identified throughout the canal, and there is no specific action level for oil and grease. Therefore, sediments will generally be removed along the entire length of the canal followed by the placement of a two-foot cap. The estimated volume of sediments to be removed from the canal is approximately 72,000 cubic yards. Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260, and total PCBs were identified in several locations in the northern portion (near Outfall 32) of the TMC. This area is located along the western portion of the Property. Total PCBs in excess of 50 mg/kg were detected at deeper intervals in select locations and require further delineation. This delineation is to be conducted during the sediment excavation process. Areas of sediments with PCBs in excess of the 50 mg/kg threshold will be excavated and disposed of at a permitted off-site commercial landfill. The estimated volume of PCB-impacted sediments that will be removed is 9,000 cubic yards. Implementation of the Maintenance Cleanup Plan has been underway since December 2017. It is our understanding that the project is over 50 percent complete as of the date of this report.

4.4.2 Historical Use Information on the Property

In summary, the Property appeared to be unimproved by at least 1893 through 1927 with the majority of the Property appearing as Humphrey Creek. By 1938, the Property was occupied by Humphrey Creek, unimproved land, and a road. Railroad tracks were present along the southern Property boundary by 1943 and a bridge was present on the eastern Property boundary by 1944. Filling activities were occurring on the Property by 1948 through at least 1952. By 1957, the majority of the Property was filled in and the property was improved with a parking lot and material storage areas associated with industrial buildings on the southern adjoining property. Between 1957 and 1966, the Property was improved with additional parking areas, the Tin Mill Canal, a reservoir on the northeastern portion, an AST on the northwestern portion, and industrial buildings on the southern portion. By 1969, the Property was improved with several roads and five buildings. The Property appeared largely unchanged by 1974 through 2013. By 2015, one portion of the building on the southwestern portion of the Property was no longer present. The Property is unimproved to the present day with the exception of an approximately 1,400 square-foot, one-story commercial building used as a marketing center by Tradepoint Atlantic. As of the date of this report, portions of the Property are being prepared for future development. WCG has identified the fill on the Property, the industrial activities, and the presence of the Tin Mill Canal as a Finding as further discussed in **Section 8**.

WCG was unable to identify the first developed use of the Property based on the *reasonably ascertainable* information gathered from the *standard historical sources* that we reviewed. WCG identified this lack of information as a *data gap* (see **Section 9**).

4.4.3 Historical Use Information on Adjoining Properties

Based upon our review of historical records, the northern adjoining property appeared as unimproved land by 1893 through 1903. Roads appeared on the northern adjoining property by 1904 through 1908. By 1927 through 1938, the northern adjoining property appeared as a portion of Humphrey Creek, unimproved land, and row-crop farmland. By 1944, the northern adjoining property appeared improved with a retention basin/pond and one building. By 1948, the northern adjoining property appeared improved with a pumping station and storm water reservoir. It is largely unchanged by 1952. Land clearing activities had occurred on the northern adjoining property by 1957. Between 1957 and 1966, the northern adjoining property was improved with an earthen material storage area, expressway, and portion of a reservoir from the Property. By 1969, a substation and building were present on the northern adjoining property. By 1974 through 1999, the northern adjoining property appeared unchanged with the exception that the portion of the reservoir from the Property is no longer present and appears to have been filled in. Also, additional expressway roads were present by 1974. The northern adjoining property appeared largely unchanged by 2005 through 2015. The property remains

improved with Interstate 695 to the present day, which is north across Bethlehem Boulevard. Based on our review of the historical records, WCG has identified the filling activities on the property as a Finding as further discussed in **Section 8**.

By 1892 through 1903, the southern adjoining property appeared as Humphrey Creek. Roads and two structures were present by 1904. The southern adjoining property was identified as Maryland Steel Company by 1915. The property appeared as a portion of Humphrey Creek and unimproved land by 1927. By 1938, the property appeared improved with railroad tracks associated with a large industrial building. Additional industrial buildings as well as additional railroad tracks had been constructed on the southern adjoining property by 1943 and some of the buildings had been expanded by 1944. By 1957, additional industrial buildings and railroad tracks were present on the property. Some of the buildings had been expanded and extended onto the Property by 1966. The property appears largely unchanged by 1974 through 2013 with the exception of an addition to an existing building by 1974. By 2015, the majority of the buildings on the southern adjoining property were no longer present with the exception of one building along the western portion of the property. At the present day, portions of the southern adjoining property have been developed and improved with warehousing facilities for Under Armour and Amazon. Based on our review of the historical records, WCG has identified the industrial activities on the property as a Finding as further discussed in **Section 8**.

By 1893 through 1908, the eastern adjoining property appeared as Humphrey Creek. The property appeared partially occupied by Humphrey Creek followed by largely unimproved land by 1915 through 1938. By 1948, the property appeared improved with a storage area and was largely unchanged by 1952. Between 1952 and 1957, the eastern adjoining property appeared improved with the construction of a roadway followed by a portion of Humphrey Creek. By 1966, the roadway had been constructed. By 1969, the property appeared improved with an expressway followed by a retention pond and was largely unchanged by 1974 through 2015. At the present day, Universal Trade Solutions, Inc. is located to the east across Wharf Road and the retention pond.

By 1893 through 1908, the western adjoining property appeared as unimproved land. By 1915, the property appeared partially occupied by Humphrey Creek followed by largely unimproved land. By 1927, the property was improved with a portion of Humphrey Creek and row-crop farmland. The western adjoining property appeared unchanged by 1938 through 1952. Between 1952 and 1957, the property appeared improved with land development activities. Additional filling activities had occurred by 1966. By 1969, the western adjoining property appeared improved with one building and railroad tracks. By 1974 through 1999, additional filling activities had occurred. By 2005, the property was improved with one large building and associated parking areas. The property was unchanged by 2015. At the present day, Access World (a warehousing facility) is located on the western adjoining property.

Based on our review of the historical records, WCG has identified the filling activities on the property as a Finding as further discussed in **Section 8**.

5 SITE RECONNAISSANCE

WCG representative Mr. Travis Esbenshade conducted the *site reconnaissance* on September 6, 2018. Mr. Travis Esbenshade was accompanied by Mr. Tim Shaw of Tradepoint Atlantic, who was designated by Tradepoint Atlantic as the *key site manager*. During the *site reconnaissance*, weather conditions were clear, no precipitation, with light winds from the west, and a temperature of approximately 85 degrees Fahrenheit. The following sections summarize our observations during the *site reconnaissance*.

5.1 Methodology and Limiting Conditions

WCG's *site reconnaissance* methods included a *site visit* to *visually and/or physically observe* reasonably accessible locations of the Property in an effort to obtain information indicating the likelihood of identifying *recognized environmental conditions* in connection with the Property. Mr. Travis Esbenshade traversed the exterior of the Property by foot and car to observe conditions during the *site reconnaissance*. However, the entire ground surface of the Property was not able to be observed due to construction trailers, heavy equipment, and large material piles. The photographs taken to document conditions encountered at the time of the *site reconnaissance* are presented in **Appendix C – Photographic Documentation**. WCG also *visually and/or physically observed adjoining properties* from reasonably accessible locations on the Property and public thoroughfares. Limiting conditions encountered at the Property during the *site reconnaissance* are included in **Section 1.5**. Non-scope considerations are discussed further in **Section 6.0**.

5.2 General Setting and Observations

Please refer to **Section 2.0** of this *report* for a description of the general setting, adjoining public thoroughfares, utilities, and potable water supply and **Section 4.3** for a description of topographic and geologic/hydrogeologic conditions with respect to the Property.

During our *site visit*, WCG noted that the Property is currently occupied by Tradepoint Atlantic and MCM. The northern portion is occupied by Tradepoint Atlantic subcontractors and the southern portion is occupied by MCM, the material recycling operator. WCG also observed a canal known as the Tin Mill Canal, which historically conveyed wastewater discharged from facilities associated with the former steelmaking operations.

Please refer to **Section 2.5** for a summary of *adjoining properties occupants* and uses identified during our *site reconnaissance*.

The following sections summarize WCG's *site reconnaissance* observations.

5.3 Interior and Exterior Observations

As noted in **Section 2.3**, the Property is currently utilized for concrete recycling and is also under development. The Property was historically occupied by a portion of the Continuous Tin Mill and a portion of the Finishing Mill Area associated with the former Sparrows Point steel mill facility. The following was observed on the Property during our *site visit*.

5.3.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses

WCG observed the following chemicals stored or used on the Property:

CHEMICALS USED OR STORED			
Type of Chemical	General Location	Container Type and Approximate Quantity	Observations
Equipment Maintenance Supplies (lubricants, solvents, oil)	Construction trailer and job boxes.	At least 15 retail size cans (less than 1-gallon)	No evidence of leaks or staining.
Gasoline	Construction trailer and job boxes.	Five fuel cans (3-5 gallons)	No evidence of leaks or staining.

According to Mr. Tim Shaw, those chemicals are used by the construction subcontractor for equipment operation and maintenance.

WCG observed the following wastes stored or generated on the Property:

WASTE GENERATION			
Type of Waste	General Location	Disposal Location	Approximate Quantity
General Construction Refuse	Central Portion of the Property	Greys Landfill	Two – 40 yard containers

According to Mr. Shaw and Mr. Haid, those wastes are generated from construction activities. These wastes are disposed at Greys Landfill on an as needed basis. WCG observed the waste storage containers to be in good condition. Furthermore, according to Mr. Shaw and Mr. Haid, no releases of those waste has occurred.

5.3.2 Storage Tanks

5.3.2.1 Underground Storage Tanks (USTs)

WCG observed no apparent surficial indications of USTs (e.g., fill pipes, vent lines, or manways) on the Property during the *site visit*.

5.3.2.2 Aboveground Storage Tanks (ASTs)

WCG noted the presence of ASTs that include three 528-gallon diesel ASTs and one 400-gallon Diesel Exhaust Fluid (DEF) AST located south of the canal. WCG observed that the ASTs appeared to be in good condition and are used for the dewatering pumps as part of the canal remedial activities. Furthermore, according to interview remarks by Mr. Shaw, to the best of his knowledge, no releases from those ASTs have occurred. WCG did note a small de minimis stain near the DEF AST. The stain appeared to be the result of poor housekeeping during dispensing.

5.3.3 Odors

No apparent unusual odors were noted on the Property during the *site visit*.

5.3.4 Pools of Liquid

No apparent pools of liquid were observed on the Property during the *site visit*.

5.3.5 Pits, Ponds, and Lagoons

WCG observed an apparent canal known as the Tin Mill Canal running east-west through the center of the Property and ponds on the western and eastern adjoining properties during the *site reconnaissance*. The Tin Mill Canal was undergoing maintenance cleanup activities that included dewatering, dredging, and placing rip rap during the *site reconnaissance*.

5.3.6 Drums

WCG observed apparent *drums* being used as road markers south of the canal. The drums were empty with the exception of one, which held a few small empty petroleum containers, a partially used absorbent pad, and a few small general refuse items. According to Mr. Shaw, those items were likely placed there by a construction worker. WCG does not believe the small amount of refuse within this drum is considered a finding with respect to the Property.

5.3.7 Hazardous Substance or Petroleum Product Containers

WCG observed no apparent *hazardous substance* or *petroleum product* containers during the *site visit* other than those described in **Section 5.3.1**.

5.3.8 Unidentified Substances Containers

No apparent unidentified substance containers were observed on the Property during the *site visit*.

5.3.9 Polychlorinated Biphenyls (PCBs)

Although a detailed review of all suspected PCB-containing equipment is beyond the scope of this *Phase I ESA*, WCG conducted a limited evaluation of the Property in an effort to identify the presence and condition of electrical or hydraulic equipment that is known to or is likely to contain *PCBs* in insulating or lubricating materials which may represent a Finding for the Property. PCB-containing equipment and any of its leaked material that may have impacted the Property could be subject to certain regulatory requirements, such as the Federal Toxic Substances Control Act (TSCA), in addition to being identified as a potential *recognized environmental condition* for the Property.

WCG identified the following potentially PCB-containing equipment based on visually observed equipment, records that were reasonably accessible, and information obtained from the *key site manager*:

Pad-mounted electrical transformers are located on the Property along the central northern boundary next to the Bethlehem Boulevard traffic light and the marketing building. The transformers appeared to be in good condition with no visible leaks or irregularities. According to Mr. Shaw, the transformer next to Bethlehem Boulevard is owned and operated by the Maryland Department of Transportation (MDOT). As *owner* of the electrical transformer located on the Property, MDOT is responsible for compliance with the applicable regulations and any issues regarding the electrical transformers. The transformer next to the marketing building is owned by BGE. As *owner* of the electrical transformer located on the Property, BGE is responsible for compliance with the applicable regulations and any issues regarding the electrical transformers.

Facility operations on the Property originated prior to 1979. This is generally the date when the production and sale of *PCBs* was banned. Therefore, the aforementioned equipment may have contained *PCBs*.

5.3.10 Stains or Corrosion

No apparent stains or corrosion were observed during the *site visit*.

5.3.11 Drains and Sumps

Apparent storm drains were observed in the northern portion (north of the canal) of the Property.

5.3.12 Stained Soil or Pavement

No apparent stained soil or pavement was observed on the Property during the *site visit* except for the small de minimis soil stain next to the DEF AST as further discussed in **Section 5.3.2.2**.

5.3.13 Stressed Vegetation

No apparent stressed vegetation due to releases of chemicals or *petroleum products* was observed on the Property during the *site visit*.

5.3.14 Solid Waste

No apparent surficial or buried material such as trash, *construction debris*, *demolition debris*, or other solid waste was observed on the Property during the *site visit*. However, WCG did note the presence of fill materials on the Property during the *site visit*, including construction base materials with slag. According to Mr. Shaw, these materials were used to grade the site for future redevelopment.

5.3.15 Wastewater, Wells, Septic Systems

Section 2.4 describes potable and *wastewater* services provided to the Property and our observations concerning storm water. No apparent wells (with the exception of monitoring wells), septic systems, cesspools, or other sources of *wastewater* were observed on the Property during the *site visit*.

6 NON-SCOPE CONSIDERATIONS

According to ASTM E 1527–13, there are certain constituents of potential concern not necessarily covered by CERCLA’s “*all appropriate inquiries*”, which are considered “additional services”. As such the *user* may choose not to include these items. ASTM identifies these items as follows:

- Suspect Asbestos-Containing Materials;
- Biological Agents;
- Cultural and Historic Resources;
- Ecological Resources;
- Endangered Species;
- Health and Safety;
- Indoor Air Quality (unrelated to releases into the environment);
- Industrial Hygiene;
- Lead-Based Paint;
- Lead in Drinking Water;
- Mold;
- Radon;
- Regulatory Compliance; and
- Wetlands.

For the purpose of this *Phase I ESA*, these items are therefore excluded from this *Phase I ESA* unless an item is specifically selected by the *user*. No additional non-scope services were requested by the *user* as part of this *Phase I ESA*.

7 INTERVIEWS

WCG representative Mr. Travis Esbenshade conducted *interviews* of select individuals possessing knowledge of the current and past Property uses in an effort to obtain information concerning the potential presence of *recognized environmental conditions*. Such individuals consist of persons or local agency officials that may have records or knowledge of events or conditions that are not evident during the *site reconnaissance* or *records review*.

7.1 Interview with Owner

WCG interviewed Mr. Peter Haid, identified as the *owner* of the Property, concerning the current and past use of the Property, the facility operations, and recent improvements to the Property. Mr. Haid has been associated with the Property since January 2017. WCG obtained Mr. Haid's interview responses during our *site visit* on September 6, 2018. The interview responses are included throughout the *report*. Furthermore, Mr. Haid provided responses for the Environmental Site Assessment Questionnaire included in **Appendix E – Environmental Records and Interview Documentation**.

7.2 Interview with Key Site Manager/Occupant

WCG interviewed Mr. Tim Shaw, identified by the owner as the *key site manager* of the Property, concerning the current and past use of the Property, the facility operations, and recent improvements to the Property. Mr. Shaw has been associated with the Property since 2017. WCG obtained Mr. Shaw's interview responses during our *site visit* on September 6, 2018. The interview responses are included throughout the *report*.

7.3 Interviews with Past Owner, Operators, and Occupants

WCG was not provided information concerning the past *owners, operators* or *occupants*; therefore, past *owners, operators, and occupants* were not interviewed as part of this *Phase I ESA*. Based on information obtained from other sources as summarized in this *report*, WCG believes that an interview with the *past owners, operators, or occupants* would be duplicative of information already obtained and would not provide additional material information concerning the potential for contamination at the Property. Therefore, past *owners, operators, and occupants* were not interviewed as part of this *Phase I ESA*.

7.4 Interviews with Adjoining Property Owners or Occupants

The Property is not abandoned therefore the ASTM E 1527-13 does not require *interviews* of the adjoining Property *owners* or *occupants*.

7.5 Interviews with Local Government Officials

WCG contacted the following federal, state, and *local government agencies* as discussed in **Section 4.2** during the *Phase I ESA* requesting environmental information associated with the Property:

- Baltimore County Fire Department;
- MDE;
- USEPA;
- Baltimore County Department of Health; and
- Baltimore County DEPS.

WCG submitted *FOIA* requests to or contacted the above-mentioned government agencies. Copies of each *FOIA* request and the responses, if applicable, received to date are included in **Appendix E – Environmental Records and Interview Documentation**.

As of the date of this *report*, records from the Baltimore County Fire Department, the MDE, the USEPA, and the Baltimore County Department of EPS were not made available for review. WCG will forward any information of interest to TPA after it becomes available for review, if it significantly impacts our conclusions presented herein. WCG identified this lack of information as a *data gap* (see **Section 9**).

7.6 Interviews with Others

WCG did not interview any others beyond those parties described in this *report*.

8 FINDINGS, OPINIONS, AND CONCLUSIONS

WCG has performed this *Phase I ESA*, in general compliance with the scope and limitations of ASTM E 1527-13. Exceptions to or deletions from this practice are described in **Section 1.5** and **Section 10.0** of this *report*.

8.1 Findings and Opinions

WCG has identified the following Findings in connection with the Property. A description of the Finding as well as our opinion of whether the Finding represents a *recognized environmental condition*, *historical recognized environmental condition*, *controlled recognized environmental condition* and/or *de minimis* condition is summarized below.

- The known and potential presence of surface and subsurface impacts to the soil and groundwater associated with the presence of the Tin Mill Canal on the Property and the historical presence of the Tin Mill and the Finishing Mills Area on the Property and southern adjoining property.

The Tin Mill Canal is a constructed swale that currently serves as a conveyance for storm water runoff and groundwater base flow from an approximately 800-acre drainage area of the Tradepoint Atlantic property. Water collected in the TMC is routed to the Humphrey Creek Waste Water Treatment Plant (HCWWTP) for treatment prior to discharge via the NPDES permitted Outfall 014. The TMC has historically also conveyed wastewater discharged from numerous manufacturing facilities associated with former steelmaking and steel finishing operations. Sediment sampling and characterization for the Tin Mill Canal was performed in November 2017 in accordance with an agency approved work plan. Based on the results of the sampling, the primary constituents of concern in the canal sediments were identified as oil and grease and PCBs. Oil and grease was identified throughout the canal. Therefore, sediments are being removed along the entire length of the canal, followed by the placement of a two-foot cap. Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260, and total PCBs were identified in several locations in the northern portion (near Outfall 32) of the TMC. Implementation of the Maintenance Cleanup Plan for the Tin Mill Canal has been underway since December 2017.

Parcel B6 was formerly occupied in part by the Hot Strip Mill associated with the former steel mill. A total of 93 soil borings were completed on Parcel B6 during the Phase II Investigation. The analytical results indicate benzo(a)pyrene was detected in the soil above the PAL. Four of the nine samples with concentrations exceeding the PAL for benzo(a)pyrene are located on the Property. Various PCBs were also detected at concentrations exceeding their respective PALs in six soil samples, one of which is located on the Property. Additionally, concentrations of diesel range organics (DRO) were detected above the PAL in three soil samples located outside of the Property boundary. Two of the samples are

located near the western Property boundary. Six inorganic constituents were also detected above their respective PALs on Parcel B6. Arsenic, lead, manganese, thallium, and vanadium were detected on the Property above their respective PALs at various locations.

During investigation activities, six sample locations on Parcel B-6 showed physical evidence of the presence of potential free product. One of these locations, identified as B6-056-SB, is on the Property. Temporary screening piezometers were installed at the six locations to assess the potential mobility of free product. Although non-aqueous phase liquid (NAPL) was identified in two of the piezometers (B6-066-PZ and B6-011-PZ), they were not located on the Property.

A total of 52 soil samples from 26 boring locations were completed on Sub-Parcel B6-2 as part of the Phase II investigation for the larger Parcel B6 (discussed above). Five inorganics (arsenic, manganese, thallium, vanadium, and lead), benzo(a)pyrene, total PCBs, and DRO were detected in the soil at concentrations above the PALs. In addition, elevated photoionization (PID) readings and odors were detected in boring B6-054-SB located on the Property. A soil sample from soil boring B6-054-SB had a DRO concentration exceeding the PAL. There were also two locations (B6-056-SB and B6-066-SB) within the sub-parcel or directly adjacent where evidence of NAPL was noted. As mentioned previously, measureable NAPL was detected in the piezometer installed at B6-066-SB, located to the west of the Property. NAPL delineation activities have been conducted in the area of B6-066-SB. Based on the delineation results, NAPL was not detected on the Property, however was detected directly west of the Property.

The northern end of Parcel B21 is located on the Property. The parcel was formerly occupied by a portion of the Finishing Mills Area. Although the buildings on Parcel B21 have been demolished, the large concrete slabs from the former Continuous Tin Mill remain. There are several subgrade structures that have been filled; however, some remain partially open. Open subgrade structures include, but are not limited to, the historical halogen lines (northern end of parcel on the Property) and the historical chromium pits (southern end of parcel on southern adjoining property). During a site visit conducted by ARM on February 1, 2018, a blue precipitate was observed along the walls of the subsurface structures for the former halogen lines and evidence of NAPL was observed on storm water within certain open subgrade structures. Several steel making processes were conducted in the former Tin Mill facilities, including descaling in pickling tanks, steel strip processing in the Tandem Mill, washing in caustic wash and scrubber tanks, annealing, application of a tin coating, and chrome plating. Some of the operations in the Tin Mill facilities were historically conducted on the Property. A Phase II Investigation has been conducted on Parcel B21 and preparation of a report documenting the results is in progress.

A Phase II investigation was performed on Parcel B22 in July 2016. A total of 386 soil samples from 179 boring locations were collected and analyzed. Based on the Phase II Investigation Report, one VOC was

detected in the soil at concentrations above the PAL in sample B22-070-SB-1, which is not located on the Property. Seven SVOCs (all PAHs) were also detected above their respective PALs with exceedances at several locations on the Property. In addition, PCBs were detected in the soil at two locations on the Property at concentrations above the PALs. DRO was also detected above the PAL at 20 locations on Parcel B22, two of which are on the Property. Additionally, six inorganic compounds (arsenic, manganese, lead, thallium, vanadium, and hexavalent chromium) were detected on Parcel B22 at concentrations above their respective PALs, with arsenic being the most common exceedance. Primarily arsenic and manganese were detected on the Property above the PALs at multiple locations.

During the Phase II investigation on Parcel B22, elevated levels of PCBs and DRO were identified. One location, B22-152-SB, with an elevated DRO concentration was identified on the Property. Approximately 1,720 cubic yards of DRO-impacted material were excavated from the area of this location in September 2016. The results of the confirmation soil sampling indicated concentrations in remaining soil were below the threshold of 6,200 mg/kg.

During the Parcel B22 Phase II investigation, elevated detections of PAHs were identified within the area of the PORI Lagoon in the northern portion of Parcel B22. Additional investigation activities are proposed in the area of soil boring B22-119-SB, located on the Property, to further characterize the extent of naphthalene and benzo(a) pyrene impacts associated with the PORI lagoon.

A total of 71 groundwater samples were collected for analysis in May through July 2016 as part of the Finishing Mills Groundwater Investigation. Five monitoring wells or piezometers on the Property exhibited concentrations of VOCs in groundwater above the PALs in the intermediate zone. The PAL for DRO was exceeded at twelve locations on the Property and the GRO PAL was exceeded at one location. In the intermediate zone, there were 25 DRO exceedances, four of which are on the Property. PCBs were detected above the respective PALs at one sample location screened in the shallow zone. This location is on the Property along the Tin Mill Canal. PALs for inorganic constituents were exceeded in the shallow zone at 13 locations on the Property. PALs for inorganic constituents were exceeded in the intermediate zone at 5 locations on the Property. Groundwater analytical results were compared to USEPA Vapor Intrusion Screening Levels to assess the potential risk associated with vapor intrusion. Total cyanide was the only parameter that exceeded the vapor intrusion criteria with 25 locations exhibiting exceedances, ten of which are on the Property in the area of the Tin Mill Canal.

In addition, the following database listings indicate the potential for surface and subsurface impacts associated with historical industrial operations on the Property:

As Pori International Inc., Sparrows Point Plant, the Property is listed on the TRIS database with TRI facility ID 21219PRNTR90BET for a release of approximately 250 pounds of sulfuric acid in 1987 and 1988.

US Filter Recovery Services is listed on the FINDS/FRS and Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) databases. On the RCRA TSD database, the Property is listed with EPA ID MDD003068707 as a former transporter of chromium, silver, corrosive waste, mercury, spent halogenated solvents, spent cyanide plating bath solutions, cadmium, wastewater treatment sludges, plating bath residues, lead, spent nonhalogenated solvents, ignitable waste, and decanter tank tar sludge from coking operations with no violations reported. On the FINDS/FRS database, the Property is listed with registry ID 110037395770 as a stationary source on the RCRA program from 2008 through 2012.

Pori International located at Gate G Bethlehem Steel Sparrows Point is listed on the FINDS/FRS, Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS Administrative Case (Admin), and FTTS Inspection (Insp) databases. On the FINDS/FRS database, the property is listed with registry ID 110038949822 as part of the AIRS program with a waste code for scrap and waste materials from 2009 through 2014. No violations were reported. The property is also listed on the FINDS/FRS database with registry ID 110011911814 for compliance activity as part of the National Compliance Database (NCDB) program with no further information reported. On the FTTS Admin and FTTS Insp databases, the property is listed with docket number 462 with violation codes 6PU, 6PL, and 6PZ. The issued date is listed as March 30, 1990 with a closed date of March 21, 1991.

In light of this information, WCG believes that the known impacts and potential for further impacts to the surface and subsurface associated with the historical industrial operations on the Property and southern adjoining property as the Tin Mill and Finishing Mills Area meet the definition of a *recognized environmental condition* in connection with the Property.

- The known and potential presence of surface and subsurface impacts to soil and groundwater associated with historical industrial operations on the western adjoining property as part of the former steel mill.

During the Phase II investigation conducted on Parcel B6, concentrations of DRO were detected above the PAL in three soil samples located outside of the Property boundary. Two of the samples (B6-066-SB-5 and B6-054-SB-4) are located near the western Property boundary. These soil samples targeted a former waste oil pit and fuel/oil tanks, respectively, on the western adjoining property.

During investigation activities, six sample locations on Parcel B6 showed physical evidence of the presence of potential free product. Temporary screening piezometers were installed at the six locations to assess the potential mobility of free product. NAPL was identified in two of the piezometers, B6-066-PZ and B6-011-PZ. NAPL delineation activities were conducted in the vicinity of these two piezometers and subsequent excavation activities were conducted in the area of B6-011-PZ. Response actions in the vicinity of B6-066-PZ, located on the western adjoining property, are planned for the future.

WCG believes that the known impacts and potential for further impacts to the surface and subsurface associated with the historical industrial operations related to the former steel mill on the western adjoining property meet the definition of a *recognized environmental condition* in connection with the Property.

- The known and potential presence of surface and subsurface impacts associated with slag fill material and unidentified fill materials on the Property and adjoining properties.

The Sparrows Point peninsula was originally comprised of approximately 2,166 acres of land with the remaining area comprised of water. Over time, slag fill materials generated from the on-site steel making activities were placed in and surrounding the Sparrows Point peninsula. The slag fill was placed in both the water bodies in the interior of the peninsula (such as Humphrey Creek) as well as expanding outward to the surrounding river and bay areas, thus bringing the land mass acreage of the current Sparrows Point peninsula to approximately 3,100 acres of land.

The Property appeared to be unimproved by at least 1893 through 1927 with the majority of the Property appearing as Humphrey Creek. By 1938, the Property was occupied by Humphrey Creek, unimproved land, and a road. Railroad tracks were present along the southern Property boundary by 1943 and a bridge was present on the eastern Property boundary by 1944. Filling activities were occurring on the Property by 1948 through at least 1952. By 1957, the majority of the Property was filled in and the property was improved with a parking lot and material storage areas associated with industrial buildings on the southern adjoining property. In addition, WCG noted the presence of fill materials on the Property during the *site visit*, including construction base materials with slag.

Based upon our review of historical records, the northern adjoining property appeared as unimproved land by 1893 through 1903. Between 1957 and 1966, the northern adjoining property was improved with an earthen material storage area, expressway, and portion of a reservoir from the Property. By 1969, a substation and building were present on the northern adjoining property. By 1974 through 1999, the northern adjoining property appeared unchanged, with the exception that the portion of the reservoir from the Property is no longer present and appears to have been filled in.

By 1893 through 1908, the western adjoining property appeared as unimproved land. By 1915, the property appeared partially occupied by Humphrey Creek followed by largely unimproved land. By 1927, the property was improved with a portion of Humphrey Creek and row-crop farmland. The western adjoining property appeared unchanged by 1938 through 1952. Between 1952 and 1957, the property appeared improved with land development activities. Additional filling activities had occurred by 1966. By 1969, the western adjoining property appeared improved with one building and railroad tracks. By 1974 through 1999, additional filling activities had occurred.

Based on our review of historical source information and experience, the filled areas (including Humphrey Creek) may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment. Due to the nature of slag generally containing metals and the known presence of metals in the subsurface of the Property identified during the Phase II Investigations, WCG has identified the known and potential presence of subsurface impacts due to the fill materials as a *recognized environmental condition*.

8.2 Vapor Encroachment Screen

WCG conducted a Tier 1 Vapor Encroachment Screen (VES) in general accordance with the ASTM E 2600-10 Standard (Standard) as part of this *Phase I ESA*. This included a review of potential vapor encroachment sources through information provided by the Radius Report, historical records, and observations made during our *site reconnaissance*.

As described by the VES Standard, properties located within the area of concern (AOC) must be taken into consideration. The *approximate minimum search distance* for the AOC is based upon the type of chemicals of concern (COC), such as petroleum hydrocarbons or nonpetroleum hydrocarbons, and the location of the known or suspect source of contamination with respect to the Property. The *approximate minimum search distance* may be expanded or reduced by the *environmental professional* conducting the VES based upon experience in the local area and applying professional judgment to factors such as groundwater flow direction, hydrogeological and hydrologic considerations, subsurface geologic features, topographical gradients, and/or available groundwater flow information. In general, COCs associated with certain government databases are to be considered for the Property only, for a radius within one third of a mile surrounding the Property for non-petroleum COCs, and within one tenth of a mile of the Property for petroleum hydrocarbon COCs. Information about the geologic, hydrologic, hydrogeologic, and topographic characteristics of a site should also be considered to assist in the screening for the possibility of COC vapors to migrate from contaminated soil or groundwater, or both, to the Property. In order to evaluate the presence of a VEC for the Property, information provided by a Radius Report, a review of historical sources, interview documentation and knowledge of the history of the Property and adjoining/surrounding properties must be taken into account.

The property and adjoining properties have an extensive industrial history resulting in known subsurface impacts to soils and groundwater. Based on the historical documents reviewed as part of this *Phase I ESA*, known soil and groundwater impacts currently exist on the Property. Based on the results of the Phase II investigations, a limited number of volatile organic compounds were sporadically detected in soil above the PALs and therefore, are not considered to represent a VEC. However, additional investigation activities are proposed in the area of soil boring B22-119-SB, located on the Property, to further characterize the extent of naphthalene and benzo(a) pyrene impacts associated with the PORI

lagoon. Groundwater analytical results from the Finishing Mills Groundwater Investigation were compared to USEPA Vapor Intrusion Screening Levels to assess the potential for vapor intrusion. Total cyanide was the only parameter in groundwater that exceeded the vapor intrusion criteria with 25 locations exhibiting exceedances, ten of which are on the Property in the area of the Tin Mill Canal. It should be noted that the total cyanide reported in groundwater includes all forms of cyanide and therefore, may not be representative of the actual vapor intrusion potential. Based on the Site-Wide Groundwater Study Report dated August 11, 2017 prepared by ARM for EAG, additional groundwater sampling was conducted at 13 locations to analyze for available cyanide. Only one sample location had a concentration of available cyanide slightly above the Vapor Intrusion Screening Level. Based on the historical reports, WCG believes the presence of elevated naphthalene impacts associated with the PORI Lagoon would represent a VEC for the Property.

8.3 Conclusions

WCG performed this *Phase I ESA*, in general compliance with the scope and limitations of ASTM E 1527-13 of Area C in Baltimore, Maryland, and the Property. Exceptions to, or deletions from, this practice are described in **Sections 1.5** and **10.0** of this *report*.

Based upon the assessments described in this *report*, this *Phase I ESA* has revealed no evidence of *recognized environmental conditions* in connection with the Property, except for the following:

- The known and potential presence of surface and subsurface impacts to the soil and groundwater associated with the presence of the Tin Mill Canal on the Property and the historical presence of the Tin Mill and the Finishing Mills Area on the Property and southern adjoining property.
- The known and potential presence of surface and subsurface impacts to soil and groundwater associated with historical industrial operations on the western adjoining property as part of the former steel mill.
- The known and potential presence of surface and subsurface impacts associated with slag fill material and unidentified fill materials on the Property and adjoining properties.

It should be noted that WCG has requested, but not yet received *FOIA* responses from the Baltimore County Fire Department, the MDE, the USEPA, and the Baltimore County Department of Environmental Protection and Sustainability. WCG lists the lack of requested *FOIA* information as a *data gap*. However, based on information gathered from other sources and the known historical operation of the Property as part of a steel mill, WCG believes that this *data gap* would not be significant in our assessment of *recognized environmental conditions* in connection with the Property.

9 DATA GAPS

ASTM E 1527-13 defines a *data gap* as lack of or inability to obtain information required by the practice despite *good faith* efforts by the *environmental professional* to gather such information.

WCG was unable to identify the first developed use of the Property based on the *reasonable ascertainable* information gathered from *standard historical sources*. Therefore, this *data gap* is considered a *data failure*. Based on *reasonably ascertainable* existing historical records for the Property and the nature of the historical property uses as part of a steel mill, WCG believes that this *data gap* would not be significant in our assessment of whether *recognized environmental conditions* exist on the Property.

WCG has not received a *FOIA* response from Baltimore County Fire Department, the MDE, the USEPA, and the Baltimore County Department of Environmental Protection and Sustainability during this *Phase I ESA*. WCG lists the outstanding *FOIA* information as a *data gap*. However, based on information gathered from other sources, WCG believes that this *data gap* would not be significant in our assessment of *recognized environmental conditions* in connection with the Property.

10 DEVIATIONS

Deletions and deviations from ASTM E 1527-13 during this *Phase I ESA* are described in **Section 1.5** of this *report*.

11 REFERENCES

1. American Society for Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13).
2. American Society for Testing Materials (ASTM) *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* (ASTM E 2600-10).
3. Phase II Investigation Work Plan, Area B: Parcel B6, Revision 2 dated May 12, 2016 prepared for EAG and prepared by ARM.
4. Phase II Investigation Report, Area B: Parcel B6, Revision 2 dated March 16, 2018 prepared for EAG and prepared by ARM.
5. Response and Development Work Plan, Area B: Sub-Parcel B6-2, Revision 1 dated January 24, 2018 prepared for EAG and prepared by ARM.
6. Response and Development Work Plan Addendum, Retail Area #1, Area B: Sub-Parcel B6-2, Revision 2 dated May 22, 2018 prepared for EAG and prepared by ARM.
7. Phase II Investigation Work Plan, Area B: Parcel B-21, Revision 1 dated June 28, 2018 prepared for EAG and prepared by ARM.
8. Phase II Investigation Work Plan, Area B: Parcel B22, Revision 1 dated June 2, 2016 prepared for EAG and prepared by ARM.
9. Response and Development Work Plan, Area B: Parcel B-22, Phase 1, Revision 5 dated March 28, 2017 prepared for EAG and prepared by ARM.
10. Finishing Mills Groundwater Phase II Investigation Report dated November 30, 2016 prepared for EAG and prepared by ARM.
11. Delineation and Excavation of PCB and DRO Impacted Soil, Parcel B-22 dated December 22, 2016 prepared for EAG and prepared by ARM.
12. Characterization of Naphthalene and Benzo(a)pyrene Impacts (Revision 1), PORI Lagoon (B22-119-SB), Area B: Parcel B22 dated April 19, 2018 prepared for EAG and prepared by ARM.
13. Maintenance Cleanup Plan for the Tin Mill Canal, Revision 3 dated December 18, 2017 prepared for EAG and prepared by ARM.

12 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

"I declare that I have completed this *Phase I ESA* under the direct supervision of an *environmental professional*" (see below).



Caitlin Keefe
Project Scientist

"I, declare that, to the best of my professional knowledge and belief, I meet the definition of *environmental professional* as defined in §312.10 of 40 *CFR* 312" and

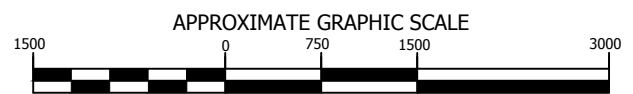
"I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 *CFR* Part 312."

This *Phase I ESA* was performed by, or under direct supervision of, the undersigned *environmental professional*. Resumes are included in **Appendix G - Personnel Qualifications**.




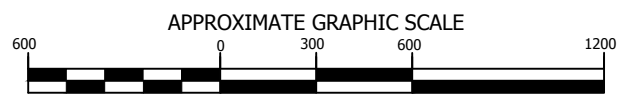
Laura Craven
Project Manager

FIGURES




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<p>PREPARED FOR:</p> <p>TRADEPOINT ATLANTIC</p>	<p>PROPERTY LAYOUT MAP</p> <p>AREA C BALTIMORE, MD</p> <p><small>REUSE OF DOCUMENTS</small></p> <p><small>THIS DOCUMENT, AND THE DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF WEAVER CONSULTANTS GROUP, AND IS NOT TO BE USED IN WHOLE OR IN PART, WITHOUT THE WRITTEN AUTHORIZATION OF WEAVER CONSULTANTS GROUP.</small></p>	 <p>Weaver Consultants Group</p> <p>CHICAGO, ILLINOIS <small>(312) 922-1030 www.wcgrp.com</small></p>	<p>DRAWN BY: RMD</p> <p>REVIEWED BY: CK</p> <p>DATE: 7/27/2018</p> <p>FILE: 3774-300-02</p> <p>CAD: siteloc.dwg</p> <p>FIGURE 2</p>
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APPENDIX A

GLOSSARY OF TERMS

GLOSSARY OF TERMS

This appendix provides definitions, descriptions of terms, and a list of acronyms for many of the words used in ASTM E 1527-13. These terms are an integral part of ASTM E 1527-13 and are critical to understanding ASTM E 1527-13 and its use.

Definitions:

Abandoned property – *Property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current *owner* to surrender rights to the *property*.

Activity and use limitations—Legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil, soil vapor, groundwater, and/or surface water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or *engineering controls*, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil or ground water on the *property*. See Note 1.

NOTE 1 – The term *AUL* is taken from Guide E2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of “*institutional controls*.” Department of Defense and International County/City Management Association use “Land Use Controls.” The term “land use restrictions” is used but not defined in the *Brownfields Amendments*).

Actual knowledge – The knowledge actually possessed by an individual who is a real person, rather than an entity. *Actual knowledge* is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Adjoining properties – Any real *property* or properties the border of which is contiguous or partially contiguous with that of the *property*, or that would be contiguous or partially contiguous with that of the *property* but for a street, road, or other public thoroughfare separating them.

Aerial photographs – Photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the *property*. *Aerial photographs* are often available from government agencies or private collections unique to a local area. See 8.3.4.1 of this practice.

All Appropriate Inquiries – That inquiry constituting “all appropriate *inquiries* into the previous ownership and uses of the *property* consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C. §9601(35)(B), that will qualify a party to a *commercial real estate transaction* for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C. §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. See Appendix X1.

Approximate Minimum Search Distance – The area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the *property* and shall be measured from the nearest *property* boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona Fide Prospective Purchaser Liability Protection – A person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “*all appropriate inquiries* into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices.” Knowledge of contamination resulting from *all appropriate inquiries* would not generally preclude this liability protection. A person must make all appropriate *inquiries* on or before the date of purchase. The facility must have been purchased after January 11, 2002. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Brownfields Amendments – Amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §9601 et seq.

Building Department Records – Those records of the local government in which the *property* is located indicating permission of the local government to construct, alter, or demolish improvements on the *property*. Often *building department records* are located in the building department of a municipality or county. See 8.3.4.7.

Business Environmental Risk – A risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of *commercial real estate*, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of *business environmental risk* issues may

involve addressing one or more non-scope considerations, some of which are identified in Section 13.

Commercial Real Estate – Any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical or educational purposes; property used for residential purposes that has more than four residential dwelling units; and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

Commercial Real Estate Transaction – A transfer of title to or possession of real property or receipt of a security interest in real property, except that it does not include transfer of title to or possession of real property or the receipt of a security interest in real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by persons or entities in the business of building or developing dwelling units.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)—The list of sites compiled by EPA that EPA has investigated, or is currently investigating, for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Construction debris—Concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contaminated public wells—Public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substances (for example, chlorinated solvents), or as having water unsafe to drink without treatment.

Contiguous Property Owner Liability Protection – A person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by *hazardous substances* from other real property that is not owned by that person. Furthermore, such person conducted *all appropriate inquiries* at the time of acquisition of the property and did not know or have reason

to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the contiguous property owner liability protection. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Controlled recognized environmental condition—a *recognized environmental condition* resulting from a past *release of hazardous substances or petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances or petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property use restrictions, activity and use limitations, institutional controls, or engineering controls*). (see Note 2.) A condition considered by the *environmental professional* to be a *controlled recognized environmental condition* shall be listed in the findings section of the *Phase I Environmental Site Assessment report*, and as a *recognized environmental condition* in the conclusions section of the *Phase I Environmental Site Assessment report*. (see Note 3.)

NOTE 2—For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The “control” is represented by the restriction that the property use remain commercial.

NOTE 3—A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

CORRACTS list— A list maintained by EPA of hazardous waste treatment, storage or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the U.S Environmental Protection Agency to undertake corrective action under RCRA. The CORRACTS list is a subset of the EPA database that manages RCRA data.

Data Failure – A failure to achieve the historical research objectives in 8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in 8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See 8.3.2.3.

Data Gap – A lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result

from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See 12.7.

de minimis condition—a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *recognized environmental conditions* nor *controlled recognized environmental conditions*.

Demolition debris—Concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Drum—A container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store *hazardous substances* or *petroleum products*.

Dry wells—Underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional), and wastewater disposal (often illegal).

Due Diligence – The process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes. See Appendix X1.

Dwelling—Structure or portion thereof used for residential habitation.

Engineering controls (EC)—Physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Environment—Environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. § 9601(8)). For additional background information, see Legal Appendix (Appendix X1) to section XI. 1.1 “Releases and Threatened Release.”

Environmental Compliance Audit – The investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This

term should not be used to describe this practice, although an environmental compliance audit may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.

Environmental lien—A charge, security, or encumbrance upon title to a *property* to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of *hazardous substances* or *petroleum products* upon a *property*, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §9607(1) & 9607(r) and similar state or local laws.

Environmental Professional – A person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). For the convenience of the reader, this section is reprinted in Appendix X2. The person may be an independent contractor or an employee of the user.

Environmental Site Assessment – The process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to *recognized environmental conditions*. At the option of the user, an *environmental site assessment* may include more inquiry than that constituting *all appropriate* inquiries or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting *all appropriate* inquiries. An *environmental site assessment* is both different from and often less rigorous than an *environmental compliance audit*.

ERNS list—EPA’s emergency response notification system list of reported CERCLA *hazardous substance releases* or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such *releases* or spills are codified in 40 CFR Parts 302 and 355.

Federal Register (FR)—Publication of the United States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the *Federal Register*.

Fill Dirt – Dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real *property*. It does not include material that is used in limited quantities for normal landscaping activities.

Fire insurance maps—Maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the *property*. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

Good Faith – The absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one’s obligations in the conduct or transaction concerned.

Hazardous substance—A substance defined as *hazardous substance* pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts: “(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a *hazardous substance* under subparagraphs (A) through (F) of this paragraph; the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).” (See Appendix X1.)

Hazardous waste—Any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a *hazardous waste*, at 42 U.S.C. §6903, as: “a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may— (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”

Hazardous Waste/Contaminated Sites – Sites on which a *release* has occurred, or is suspected to have occurred, of any *hazardous substance, hazardous waste, or petroleum products*, and that *release* or suspected *release* has been reported to a government entity.

Historical Recognized Environmental Condition – A past release, of any *hazardous substances or petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property* use restrictions, activity and use limitations, institutional controls or engineering controls). Before calling the past *release* a *historical recognized environmental condition* the *environmental professional* must determine whether the past *release* is a *recognized environmental condition* at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past *release* to be a *recognized environmental condition* at the time the Phase IESA is conducted, the condition shall be included in the conclusions section of the report as a *recognized environmental condition*.

IC/EC Registries – Databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of “deed restrictions” (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri) and the Pennsylvania Activity and Use limitation (PA AUL) Registry..

Innocent Landowner Defense – (42 U.S.C. §§9601(35) &9607(b)(3)) – A person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the innocent landowner defense, such person must have made *all appropriate inquiries* on or before the date of purchase. Furthermore, the *all appropriate inquiries* must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the *innocent landowner defense*. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Institutional controls (IC) — A legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An *institutional control* is a type of *Activity* or *Use Limitation (AUL)*.

Interviews – Those portions of this practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present *owners, operators, and occupants* of the *property* and questions to be asked of local government officials.

Key site manager – The person identified by the *owner* or *operator* of a *property* as having good knowledge of the uses and physical characteristics of the *property*. See 10.5.1.

Landfill—A place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *solid waste disposal site* and is also known as a garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs) – *Landowner liability protections* under CERCLA; these protections include the *bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense* from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

Local government agencies – Those agencies of municipal or county government having jurisdiction over the *property*. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

Local street directories—Directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often, *local street directories* are available at libraries or historical societies, and/or local municipal offices. See 8.3.4.6 of this practice.

LUST sites – State lists of leaking *underground storage tank* sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up *releases* from UST systems or require *owners* and *operators* to do so. (42 U.S.C. §6991b).

Major occupants – Those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center.

Material safety data sheet (MSDS)—Written or printed material concerning a *hazardous substance* which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA’s Hazard Communication Standard, 29 C.F.R. §1910.1200.

Material threat – A physically observable or *obvious* threat which is reasonably likely to lead to a *release* that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a *hazardous substance* and which shows evidence of damage. The damage would represent a *material threat* if it is deemed serious enough that it may cause or contribute to tank integrity failure with a *release* of contents to the environment.

Migrate/migration—For the purposes of this practice, “migrate” and Migration” refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. See Note 4.

NOTE 4—Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice should be construed to require application of the Guide E2600 standard to achieve compliance with all appropriate inquiries.

National Contingency Plan (NCP)—The National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 C.F.R. Part 300, that is the EPA’s blueprint on how *hazardous substances* are to be cleaned up pursuant to CERCLA.

National Priorities List (NPL)—List compiled by the EPA, pursuant to CERCLA 42 U.S.C. §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA’s Hazard Ranking System. See 40 C.F.R. Part 300.

Obvious – That which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

Occupants—Those tenants, subtenants, or other persons or entities using the *property* or a portion of the *property*.

Operator – The person responsible for the overall operation of a facility.

Other historical sources – Any source or sources other than those designated in 8.3.4.1 through 8.3.4.8 that are credible to a reasonable person and that identify past uses of the *property*. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current *owners* or *occupants* of neighboring properties, and records in the files and/or personal knowledge of the *property owner* and/or *occupants*. See 8.3.4.9.

Owner—Generally the fee owner of record for the *property*.

Petroleum exclusion—The exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: “The term (*hazardous substance*) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

Petroleum products—Those substances included within the meaning of the *petroleum exclusion* to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to *Standard Definitions of Petroleum Statistics*.¹)

Phase I Environmental Site Assessment—The process described in this practice.

Physical setting sources – Sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. See 8.2.4.

Pits, ponds, or lagoons—Man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum products*. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an *obvious wastewater* discharge.

¹ *Standard Definitions of Petroleum Statistics*, American Petroleum Institute, Fourth Edition, 1988.

Practically reviewable – Information that is *practically reviewable* means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the *user* can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located are not generally *practically reviewable*. Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally *practically reviewable*. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered *practically reviewable*. For large databases with numerous records (such as RCRA hazardous waste generators and registered *underground storage tanks*), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be *practically reviewable*. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the *property*, it is not *practically reviewable*.

Property—The real *property* that is the subject of the *environmental site assessment* described in this practice. Real *property* includes buildings and other fixtures and improvements located on the *property* and affixed to the land.

Property tax files—The files kept for *property* tax purposes by the local jurisdiction where the *property* is located and includes records of past ownership, appraisals, maps, sketches, photos, or other information that is *reasonably ascertainable* and pertaining to the *property*. See 8.3.4.3

Publicly available – Information that is *publicly available* means that the source of the information allows access to the information by anyone upon request.

RCRA generators—Those persons or entities that generate *hazardous waste*, as defined and regulated by RCRA.

RCRA generators list—List kept by the EPA of those persons or entities that generate *hazardous wastes* as defined and regulated by RCRA.

RCRA TSD facilities—Those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

RCRA TSD facilities list—List kept by the EPA of those facilities at which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

Reasonable time and cost—Information that is obtainable within reasonable time and cost constraints means that the information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request at no more than a nominal cost intended to cover the source's cost of retrieving and duplicating the information. Information that can only be reviewed by a visit to the source is reasonably ascertainable if the visit is permitted by the source within 20 days of request.

Reasonably ascertainable – Information that is (1) *publicly available*, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

Recognized environmental conditions – the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property* (1) due to release to the environment; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a material threat of a future *release* to the *environment*. *De minimis conditions* are not *recognized environmental conditions*.

Recorded land title records—Records of historical fee ownership, which may include leases, land contracts, and AULs on or of the *property* recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the *property* that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located, are not considered part of *recorded land title records*. See 8.3.4.4.

Records of emergency release notifications EPCRA — Requires *operators* of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any *release* beyond the facility's boundary of any reportable quantity of any extremely *hazardous substance*. Often the local fire department is the local emergency planning committee. Records of such notifications are “Records of Emergency Release Notifications” (42 U.S.C. 11004).

Records review – That part that is contained in Section 8 of this practice that addresses which records shall or may be reviewed.

Release—A *release* of any *hazardous substance* or *petroleum product* shall have the same meaning as the definition of “release” in CERCLA 42 U.S.C. § 9601(22)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 “Releases and Threatened Release.”

Report—The written *report* prepared by the *environmental professional* and constituting part of a “*Phase I Environmental Site Assessment*,” as required by this practice.

Site reconnaissance – That part that is contained in Section 9 of this practice and addressed what should be done in connection with the *site visit*. The *site reconnaissance* includes, but is not limited to, the *site visit* done in connection with such a *Phase I Environmental Site Assessment*.

Site visit – The visit to the property during which observations are made constituting the *site reconnaissance* section of this practice.

Solid waste disposal site—A place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *landfill* and is also known as a garbage dump, trash dump, or similar term.

Solvent—A chemical compound that is capable of dissolving another substance and may itself be a *hazardous substance*, used in a number of manufacturing/industrial processes including, but not limited to, the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

Standard environmental record sources – Those records specified in 8.2.1.

Standard historical sources – Those sources of information about the history of uses of *property* specified in 8.3.4.

Standard physical setting source – A current *USGS 7.5 Minute Topographic Map* (if any) showing the area on which the property is located. See 8.2.4.

Standard practice – The activities set forth in this practice.

Standard sources – Sources of environmental, physical setting, or historical records specified in Section 8 of this practice.

State registered USTs—State lists of *underground storage tanks* required to be registered under Subtitle I, Section 9002 of RCRA.

Sump—A pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility—Treatment, storage, or disposal facility (see *RCRA TSD facilities*).

Underground injection – The emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

Underground storage tank (UST)—Any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous substances* or *petroleum products* and the volume of which is 10% or more beneath the surface of the ground.

User – The party seeking to use Practice E 1527 to complete an *environmental site assessment* of the *property*. A user may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an *owner of property*, a lender, or a *property manager*. The *user* has specific obligations for completing a successful application of this practice outlined in Section 6.

USGS 7.5 Minute Topographic Map—The map (if any) available from or produced by the United States Geological Survey, entitled “*USGS 7.5 Minute Topographic Map*,” and showing the *property*.

Visually and/or physically observed – During a *site visit* pursuant to this practice, this term means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term “walking through” is not meant to imply that disabled person who cannot physically walk may not conduct a *site visit*; they may do so by the means at their disposal for moving through the *property* and the structures located on it.

Wastewater—Water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. *Wastewater* does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

Zoning/land use records—Those records of the local government in which the *property* is located, indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county. See 8.3.4.8

Acronyms:

AULs – Activity and Use Limitations.

CERCLA—Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 U.S.C. §§9601 *et seq.*).

CERCLIS—Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA).

CFR—Code of Federal Regulations.

CORRACTS—Facilities subject to corrective action under RCRA.

EPA—United States Environmental Protection Agency.

EPCRA—Emergency Planning and Community Right to Know Act (also known as SARA Title III), 42 U.S.C. §§11001-11050 *et seq.*).

ERNS—Emergency response notification system.

ESA—Environmental site assessment (different than an *environmental compliance audit*, 3.2.27).

FOIA—U.S. Freedom of Information Act (5 U.S.C. 552 *et seq.*).

FR—Federal Register.

ICs – Institutional Controls.

LLP – Landowner Liability Protections under the Brownfields Amendments.

LUST—Leaking Underground Storage Tank.

MSDS—Material Safety Data Sheet.

NCP—National Contingency Plan.

NFRAP – Former CERCLIS sites where no further remedial action is planned under CERCLA.

NPDES – National Pollutant Discharge Elimination System.

NPL – National Priorities List.

PCBs – Polychlorinated biphenyls.

PRP – Potentially Responsible Party (pursuant to CERCLA 42 U.S.C. §9607(a)).

RCRA – Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 *et seq.*).

SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA).

TSDf – *Hazardous waste* treatment, storage or disposal facility.

USC – United States Code.

USGS – United States Geological Survey.

UST – Underground Storage Tank.

APPENDIX B

USER-PROVIDED INFORMATION



Mrs. Barbara Brown, Project Manager
Land and Material Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, MD 21230

June 12, 2018

Re: Tradepoint Atlantic, LLC
Sparrows Point Area C – VCP Application
1600 Sparrows Point Boulevard, Baltimore, MD 21219

Dear Mrs. Brown:

Attached please find the completed, signed, and notarized Voluntary Cleanup Program Application form for Sparrows Point Area C. Area C is the area along Bethlehem Boulevard that is intended for commercial development – a figure and metes & bounds are provided with the VCP application. A check for \$2,000, made payable to the Voluntary Cleanup Fund, is also enclosed.

Area C is located within the footprint of the Sparrows Point full-site (3,100 acre) VCP; accordingly, the Area C acreage is being removed from the full-site VCP. An updated application form (Section I and statement of certification) for the full-site VCP is provided showing reduced acreage to account for the removal of Area C from this VCP.

If you have any questions or require additional information please contact the undersigned at 443.649.5055.

Thank you for your continued guidance in this matter.

Sincerely,

Peter Haid
Senior Director of Environmental
T 443.649.5055 C 732.841.7935
phaid@tradepointatlantic.com

cc: Randy Lutz, Esq., Saul Ewing LLP

Overnight Delivery - FedEx Tracking Number 8133 8399 3145

VOLUNTARY CLEANUP PROGRAM APPLICATION

I. PROPERTY

Property Name: Area C - Sparrows Point - Tradepoint Atlantic. Metes and Bounds attached. Figure attached.

Address: 1600 Sparrows Point Boulevard

City: Baltimore

County: Baltimore

Zip Code: 21219

Tax Parcel Number: District 15 Account Number 1502024000, metes and bounds attached. Acreage: 75.693

List any other names (i.e. aliases) for this property that could help identify historical environmental records: Bethlehem Steel, Severstal Steel, Sparrows Point, LLC., Sparrows Point Terminal, LLC

Please check one of the following, if applicable:

☐ This application is for multiple contiguous parcels. Please include the tax parcel number and the acreage for each individual parcel. If parcels are not contiguous, a separate application accompanied by another \$6000 application fee must be filed for each non-contiguous parcel.

☒ This property has already applied to the VCP under a different applicant. *Do not check this box if application is no longer active.*

☐ This property is adjacent to a property that has already applied to the VCP and both properties are part of the same planned unit development or similar development plan. *Do not check this box if application is no longer active.*

NOTE: Pursuant to Maryland law, properties that are listed on the National Priorities List, subject to a controlled hazardous substance permit issued by the State, or owned by a "responsible person" and contaminated after October 1, 1997, are not eligible for this Program.

II. APPLICANT

Attachment III of the application provides a checklist of the information that should be included in the VCP application package. Although not mandatory, applicants are encouraged to complete the checklist and submit it with the application.

Name(s) of Representative(s): Peter Haid

Title: Senior Director of Environmental

Organization: Tradepoint Atlantic

Mailing Address: 1600 Sparrows Point Boulevard

City: Baltimore

State: MD

Zip Code: 21219

Telephone: (443) 649-5055

Fax: (NA)

E-mail: phaid@tradepointatlantic.com

(A) Indicate the legal form of the applicant's organization and provide the date founded.
Delaware Limited Liability Company formed in 2014.

III. APPLICANT'S INTEREST IN PROPERTY

(A) Indicate the interest in the property by checking all the applicable box(es) below.

Interest in Property	Interest in Property
<input checked="" type="checkbox"/> Currently own property	<input type="checkbox"/> Under contract for option to purchase property
<input type="checkbox"/> Currently renting or leasing property	<input type="checkbox"/> Under contract for conditional sale of property
<input type="checkbox"/> Considering purchasing property	<input type="checkbox"/> Considering making a loan or investment to a purchaser for the acquisition of the property
<input type="checkbox"/> Considering renting or leasing property	<input type="checkbox"/> Holder of a mortgage, deed or trust or other security interest
<input type="checkbox"/> Other (explain):	

(B) If purchasing the property and a contract offer has been accepted, has a settlement date been scheduled?

☐ Yes ☐ No Date:

(C) If considering renting or leasing the property, has the applicant entered into a lease option or lease agreement?

☐ Yes ☐ No Date term of lease option expires or lease begins:



IV. DEPARTMENT ACTION SOUGHT BY APPLICANT (Check only one)

- ☐ **"No Further Requirements Determination":** A "No Further Requirements Determination" is a notice by the Department that it has no further requirements related to the investigation of controlled hazardous substances at the eligible property. Please be aware that the "No Further Requirements Determination" will be conditioned on a specific property use (residential, industrial or commercial) and might include land use controls that include, but are not limited to, maintenance of existing pavement or ground covering, use of air monitoring instruments during excavation, and a deed restriction on use of groundwater beneath the property for any purpose.
- ☒ **"Certificate of Completion":** A "Certificate of Completion" is a notice issued by the Department after satisfactory completion of an approved response action plan stating the requirements of the response action plan have been completed, implementation of the response action plan has achieved the applicable cleanup criteria, the Department may not bring an enforcement action at the eligible property, the participant is released from further liability for remediation of the eligible property for any contamination identified in the environmental site assessment, and the participant will not be subject to a contribution action instituted by a responsible person. Please be aware that the "Certificate of Completion" may be conditioned on a specific property use (residential, industrial or commercial) and might include land use controls that include, but not limited to, continual maintenance of controls (e.g., cap), use of air monitoring instruments during excavation, a deed restriction on groundwater use beneath the property for any purpose, periodic inspection of controls, and, submittal of periodic inspection reports to the Department.

V. PARTICIPANT STATUS SOUGHT BY APPLICANT (Check only one)

- ☐ **"Responsible Person":** A responsible person is defined as any person who: 1) is the owner or operator of a vehicle or site containing a hazardous substance; 2) at the time of disposal of any hazardous substance, was the owner or operator of any site at which the hazardous substance was disposed; 3) by contract, agreement or otherwise, arranged for disposal or treatment, or arranged with a transporter for transport for disposal or treatment, of a hazardous substance owned or operated by another party or entity and containing such hazardous substances; or 4) accepts or accepted any hazardous substances for transport to a disposal or treatment facility or any sites selected by the person. Please note that there are numerous exceptions to the definition of responsible person set forth in Section 7-201 (x)(2) of the Environment Article, Annotated Code of Maryland.
- ☒ **"Inculpable Person":** An inculpable person is defined as any person who has no prior or current ownership interest in an eligible property and has not caused or contributed to contamination at the eligible property at the time of application to participate in the Voluntary Cleanup Program. **An applicant seeking inculpable person status must complete the Application Attachment II: "Inculpable Person Affidavit."**
- ☐ **Expedited inculpable person** approval is requested (additional \$2,000 fee required)

VI. CURRENT PROPERTY OWNER (if different from applicant)

Organization: Same as Applicant

Name(s) of Representative(s)

Title

Mailing Address:

City

State

Zip Code

Telephone () -

Fax () -

E-mail

(A) Indicate the legal form of the applicant's organization and provide the date founded.

VI. CURRENT PROPERTY USE

- (A) Describe all current property uses (e.g. residential, retail, office space, warehousing, industrial, manufacturing, etc.). Property currently idle and undergoing site prep for development.
- (B) Provide the property's current zoning classification: MH/IM - Commercial retail allowed as a permitted use pursuant to Bill 86-15, passed and enacted by the County Council of Baltimore County.
- (C) Are any requests for zoning variances, special exceptions or reclassification pending? If yes, explain.
☐ Yes ☒ No
- (D) Has the property been subdivided during the present ownership? If yes, attach an explanation and provide the date and zoning classification of the subdivision.
☐ Yes ☒ No



VII. FUTURE PROPERTY USE

(A) Indicate the intended future use of the property as defined by the VCP land use definitions. This section must be completed because the selected cleanup criteria and issuance of a No Further Requirements Determination or a Certificate of Completion will be contingent upon the future use of the property. If this section is not completed, the property will be evaluated under the most conservative scenario of Tier 1 (Residential). (Check one)	
<input type="checkbox"/>	Tier 1 (Residential) Planned use of the property that allows exposure and access by all populations including infant, children, elderly, and infirmed populations. Tier 1 properties typically include single-family and multi-family dwellings, hospitals and health care facilities, education facilities, day care facilities, playgrounds and other recreational areas.
<input checked="" type="checkbox"/>	Tier 2 (Commercial) Planned use of the property that allows exposure and access by the general public, workers, and other expected users, including customers, patrons, or visitors. Commercial purposes allow access to the property and duration consistent with a typical business day. Tier 2 properties typically include shopping centers, retail businesses, vehicle service stations, medical offices, hotels, office space, religious institutions and restaurants.
<input type="checkbox"/>	Tier 3 (Industrial) Planned use of the property by workers over the age of 18, adult workers and construction workers, and other potential expected users. Industrial purposes allow access to the property at a frequency and duration consistent with a typical business day. Tier 3 properties typically include manufacturing facilities, maritime facilities, metal working shops, oil refineries, chemical and other material plants.
<input type="checkbox"/>	Tier 4 (Public Recreational Areas) Planned use of the property by all populations for recreational uses. Sub-category must be selected based on frequency of use. <input type="checkbox"/> High Frequency Use: A high frequency public recreational area is any area that is available for recreational use by all populations at the highest potential exposure frequency (youth, child, adult, senior, etc.). Examples may include, but are not limited to, playgrounds, day care facilities, schools, golf courses, and picnic areas. The frequency of visits by all populations is 250 days per year or less. <input type="checkbox"/> Medium Frequency Use: A moderate frequency use public recreational area is any area that is available for recreational use by all populations but the frequency of use is less than a high frequency use public recreational area. Such areas may be restricted through the use of fencing, permitting requirements, or other similar restrictions that prevent or hinder unimpeded access to the recreational area. Examples include, but are not limited to, outdoor aquatic facilities, athletic facilities, dog parks, and limited access parks. The frequency of visits by all populations is 182 days per year or less. <input type="checkbox"/> Low Frequency Use: An open space public recreational use area is defined as any area where access and use is restricted by a combination of: (a) Covenants or other legal restrictions that prohibit the use of the property where such use may impair the flora and fauna in the open space; and (b) Physical environmental barriers impede the use of the open space, including but not limited to swamps, marshes, dense vegetation, and areas with steep inclines that limit the use of open space. The frequency of visits by all populations is 52 days per year or less.
(B) Indicate whether any land use controls are part of the anticipated future use of the property. "Land Use Controls" means any restriction or control that serves to protect human health and the environment by limiting use of or exposure to any portion of the property, including water resources. These controls may include engineering controls and institutional controls. See Section IV of the application for examples of land use controls. If this section is not completed, the property will be evaluated under the most conservative scenario of unrestricted use (Check one). <input type="checkbox"/> A (Unrestricted) No land use controls are imposed on the property for residential, commercial, or industrial use, as applicable. <input checked="" type="checkbox"/> B (Restricted) One or more land use controls are imposed on the property as a condition for residential, commercial, or industrial use, as applicable. If your development plans or funding do not allow for specific land use controls, these requirements should be communicated to the VCP since additional sampling or additional cleanup may be required.	
(C) Based on future use of the property, please describe any anticipated physical changes to the property (e.g., building demolition, building expansion, paving, changes in site operations, etc.) Royal Farms retail station to be built on property. Additional commercial/retail development expected within Area C.	



VIII. FUTURE PROPERTY USE (Continued)

(D) Will a day care facility be located on the property? (Note: A day care facility is included under the Tier 1 (Residential) or Tier 4 (Public Recreational High Frequency Use) category in the VCP land use definition and is not permitted under Tier 2 or Tier 3 land use categories) ☐ Yes ☒ No

(E) If known, describe the number and types of businesses that will be operating at the property after completion of the Voluntary Cleanup Program.
Unknown

(F) If known, provide the estimated cost of property redevelopment, number of jobs created, and the approximate increase in the property tax after redevelopment.
Unknown

IX. INVOLVEMENT WITH OTHER REGULATORY PROGRAMS

(A) Based on information known to the applicant, describe any prior contact with federal, State, or local environmental regulatory agencies regarding this property. Prior contact includes any permits, notices of violation, consent orders, and other enforcement actions that have been issued for the property, as well as any applications, remediation plans, sampling data, or reports that have been submitted for the property.
See MDE File - per VCP Project Manager

(B) List all processes, discharges, tanks, and activities at the property that require an environmental permit. For each permit, include the appropriate regulatory agency contact information, the relevant permit identification number, and confirm the permit's compliance status. Please be advised that if the VCP identifies permits that are out of compliance or processes, discharges, tanks, or activities that may not be properly permitted, VCP will notify the appropriate regulatory agency or program.
See MDE File - per VCP Project Manager

(C) Has the applicant ever been convicted in any Maryland state court of a criminal offense under either the Annotated Code of Maryland, Environment Article, Title 7 (Hazardous Materials and Hazardous Substances) or any Code of Maryland Regulations (COMAR) provision promulgated under the Annotated Code of Maryland, Environment Article, Title 7? If yes, attach an explanation. ☐ Yes ☒ No

(D) Has the applicant ever been convicted in a criminal court of any other state of knowingly or willfully violating that particular state's laws or regulations governing hazardous materials, hazardous substances or hazardous wastes? If yes, attach an explanation. ☐ Yes ☒ No

(E) Has the applicant ever been convicted in any federal court of a criminal offense under the Resource Conservation and Recovery Act (RCRA) or the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)? If yes, attach an explanation. ☐ Yes ☒ No

X. BROWNFIELD INCENTIVE PROGRAMS

(A) Is the applicant applying, or does the applicant plan to apply, for grants, loans or property tax credits available through the Brownfields Revitalization Incentive Program? (For more information about this program, please contact Jim Henry at the Department of Business and Economic Development at 410-767-6353.) ☒ Yes ☐ No

(B) Is the property located in a State designated enterprise zone? Contact the Maryland Department of Business and Economic Development at 410-767-6438 for information on location of enterprise zones. ☒ Yes ☐ No



XI. OTHER CONTACTS**(A) Consultant**

Organization:

Name(s) of Representative(s):

Title:

Mailing Address:

City:

State:

Zip Code:

Telephone: () -

Fax: () -

E-mail:

☐ Send copies of correspondence to this contact in addition to the applicant.**(B) Other (e.g., Project Manager, Attorney)**

Organization: Saul Ewing Arnstein & Lehr LLP

Name(s) of Representative(s): Randall Lutz, Esq.

Title: Attorney

Mailing Address: 500 E. Pratt Street, Suite 900

City: Baltimore

State: MD

Zip Code: 21202

Telephone: (410) 332-8600

E-mail: randy.lutz@saul.com

☐ Send copies of correspondence to this contact in addition to the applicant.☐ Attach additional contacts as necessary.**XII. REQUIRED ENVIRONMENTAL INFORMATION****Pursuant to Maryland Law, each applicant to the Voluntary Cleanup Program is required to submit the following three items:**

- (A)** A detailed report of all available relevant information on environmental conditions including contamination at the property known to the applicant at the time of the application.
(The report must include all information known about all controlled hazardous substances and oil contamination and a statement that all known environmental information about the property has been provided to the Department. If information provided by the detailed report will be provided as part of the Phase I and Phase II assessments, an applicant may, in lieu of the report, submit a statement that all known environmental information for the property is being provided to the Department as part of the Phase I and Phase II site assessment.)

☐ All known environmental information for the property is being provided to the Department as part of the following reports (list reports. If additional space is needed, attach a separate sheet.):

<u>TITLE</u>	<u>PREPARED BY</u>	<u>DATE</u>	<u>NO. OF PAGES</u>
See MDE File - Phase I to be updated	_____	_____	_____
by December 1, 2018	_____	_____	_____
	_____	_____	_____

- (B)** An environmental Phase I and Phase II site assessment that: (1) includes established Phase I and Phase II environmental site assessment standards; (2) follows the most current principles established by the American Society for Testing and Materials; and (3) demonstrates that the assessment has adequately investigated all potential sources and areas of contamination.

(A discussion of the requirements for the Phase I and Phase II site assessments is provided in the MDE/VCP Guidance Document available on-line at http://www.mde.state.md.us/Programs/LandPrograms/ERRP_Brownfields/vcp_info/index.asp).

☐ Phase I assessment enclosed ☐ Phase II assessment enclosed ☐ Phase II work plan enclosed

- (C)** A summary description of the proposed voluntary cleanup project including the following information:

<input type="checkbox"/> Source(s) of contamination	<input type="checkbox"/> Exposure pathways
<input type="checkbox"/> Need for additional investigation (e.g., sampling), if applicable	<input type="checkbox"/> Proposed cleanup criteria
<input type="checkbox"/> Proposed remedial alternatives	<input type="checkbox"/> Map depicting areas of the property to be remedied
<input type="checkbox"/> Future land use of the property	



XIII. OVERSIGHT COSTS

- (A) The application must be accompanied by an initial application fee of \$6,000, or a \$2,000 fee for each application submitted subsequent to the initial application for the same property, or a \$2,000 fee for each application submitted subsequent to the initial application for contiguous or adjacent properties that are part of the same planned unit development or a similar development plan. The appropriate application fee shall be made payable to the Voluntary Cleanup Fund and will be used by the Department for activities related to the review of proposed voluntary cleanup projects and the direct administrative oversight of voluntary cleanup projects.
- (B) If the application is accepted and a response action plan is approved, the participant will be required to file a performance bond or other security with the Department prior to commencement of any work on the property and that there is a \$2000 fee for issuance of an NFRD or COC with land use controls.

XIV. STATEMENT OF CERTIFICATION

"I, the applicant, certify under penalty of law that the information provided on this application form and within the documents of the application package is, to the best of applicant's knowledge and belief, accurate and complete. I, the applicant, am aware that there are significant penalties for falsifying any information required by the Department under Title 7, Subtitle 5 of the Environment Article, Annotated Code of Maryland, Voluntary Cleanup Program, and that the information in this application is required for the Voluntary Cleanup Program authorized by Title 7, Subtitle 5 of the Environment Article, Annotated Code of Maryland.

I certify I am an authorized representative of the applicant.

I certify that all information on environmental conditions relevant to the property and known to the applicant is provided as part of this application."

Printed Name Eric Gilbert

Title Chief Development Officer

Signature 

Date 6/12/18

(Please note that another signed Statement of Certification must accompany any documents, maps, reports, or other information submitted to the Department subsequent to the initial application. Multiple items can be submitted under a single Statement of Certification; however, an accurate description of the items being submitted should be included in the cover letter.)



VCP Application Attachment I

Maryland Department of the Environment
Voluntary Cleanup Program

APPLICATION FEE FORM

This form must be completed and mailed with the appropriate applicable fee(s) to the following address, except as noted below*:

Maryland Department of the Environment
P.O. Box 1417
Baltimore, Maryland 21203

Please indicate which fees are included and make the check payable to the "Voluntary Cleanup Fund."

- | | |
|---|---|
| <input type="checkbox"/> \$6,000 initial application fee | <input checked="" type="checkbox"/> \$2,000 application fee for a subsequent application for the same property |
| <input type="checkbox"/> \$2,000 application fee for a contiguous or adjacent property that is part of the same planned unit development or a similar development plan and an active VCP application is already submitted to the Department | <input type="checkbox"/> \$2,000 fee for expedited inculpable person approval (<i>*please send payment directly to MDE/VCP</i>) |
| <input type="checkbox"/> \$2,000 fee for issuance of a No Further Requirements Determination conditioned on certain use of the property or on the maintenance of certain conditions | <input type="checkbox"/> \$2,000 fee for alteration of Record of Determination |
| | <input type="checkbox"/> \$2,000 fee for issuance of a Certificate of Completion on the permissible use of the property |

APPLICANT

Applicant's Name: Tradepoint Atlantic

Organization: Tradepoint Atlantic, LLC

Mailing Address: 1600 Sparrows Point Boulevard

City: Baltimore

State: MD

Zip Code: 21219

PROPERTY

Property Name: Sparrows Point - Area C

Property Address: 1600 Sparrows Point Boulevard

City: Baltimore

State: MD

Zip Code: 21219

PCA #13758
AOBJ #5671
SUFFIX#001



INCULPABLE PERSON AFFIDAVIT

(To Be Completed by Applicants Seeking Inculpable Person Status)

APPLICANT

Affiant's Name: Eric Gilbert Title: Chief Development Officer

Organization: Tradepoint Atlantic, LLC

Mailing Address: 1600 Sparrows Point Boulevard

City: Baltimore State: MD Zip Code: 21219

PROPERTY

Property Subject to Voluntary Cleanup Program Application: Sparrows Point Blvd. - Area C

Property Address: Retail area along Sparrows Point Blvd. - address to be issued by the County.

City: Baltimore State: MD Zip Code: 21219

I, Eric Gilbert, am over eighteen years of age and competent to testify to the matters set forth in this Affidavit.**Authorized Representative**I am presently the Chief Development Officer and an authorized representative of Tradepoint Atlantic and I possess the legal authority to make this affidavit on behalf of myself and the Applicant for which I am acting.**Certification of Property Ownership**

The Applicant has satisfied the property ownership requirements of an Inculpable Person ("IP") as defined in Environment Article, Section 7-501(j), Annotated Code of Maryland.

Certification of Position Regarding Environmental Contamination

The Applicant has not caused or contributed to contamination, including release, discharge, or threatened release, at the above referenced property at the time of this application, pursuant to Environment Article, Section 7-501(j)(1)(ii).

Certification Regarding Related Entities

For the purpose of this "Certification Regarding Related Entities":

a) "Owner" means a holder of a 10% or greater interest in an entity, whether held by shares of stock, partnership interest, membership interest, or any other means; and b) "Responsible person" means a responsible person as defined in Section 7-201 (u) of the Environment Article of the Annotated Code of Maryland.

The Applicant was incorporated or formed in 2014 for the purpose of development.

The officers, directors, or owners of the Applicant are not any of the officers, directors, or owners of the current, or any previous, owner and/or responsible person for the above-referenced property.

The Applicant was not organized or established, in part or in whole, to avoid liability as a responsible person pursuant to Sections 7-201 (u) and 7-501 et seq. of the Environment Article of the Annotated Code of Maryland.



INCULPABLE PERSON AFFIDAVIT (Continued)

Acknowledgement

Applicant acknowledges that any fraud or material misrepresentation in this Affidavit shall void inculpable person status, approval letters or certificates of completion issued pursuant to Title 7, Subtitle 5 of the Environment Article.

I acknowledge that this affidavit is made subject to the applicable civil and criminal laws of Maryland including Section 7-267 of the Environment Article of the Annotated Code of Maryland which provides for criminal penalties for false statements in required documents. The Voluntary Cleanup Program application is a document required under Title 7 of the Environment Article of the Annotated Code of Maryland.

I acknowledge that nothing in this affidavit shall be construed to supersede, amend, modify or waive the exercise of any statutory right or remedy under state law with respect to any misrepresentation made.

I DO DECLARE AND AFFIRM UNDER PENALTY OF LAW, THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE CONTENTS OF THIS AFFIDAVIT ARE TRUE AND CORRECT.

TradePoint Atlantic
Legal Name of Applicant

(PH) [Signature]
Signature of Authorized Affiant

Eric Gilbert
Chief Development Officer
Authorized Affiant's Name and Title

6/12/18
Date of Signature

Sworn and subscribed before me this 12 day of
June, 2018

[Signature]
Notary's Signature

1/27/20/21
My Commission Expires



MORRIS & RITCHIE ASSOCIATES, INC.

ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS,
AND LANDSCAPE ARCHITECTS



November 27, 2017

75.693 Acre Designated Retail Area, Land of TradePoint Atlantic, LLC, Located on the South Side of Bethlehem Boulevard, Fifteenth Election District, Baltimore County, Maryland.

BEGINNING for the same at a point on the southerly side of Bethlehem Boulevard, a privately owned roadway, and distant South $76^{\circ} 07' 42''$ East 1636.62 feet from a rebar and cap now set on the said southerly side of Bethlehem Boulevard and at the northeast corner of Land Unit 4 as shown on the plats entitled "CONDOMINIUM PLAT, LAND UNITS 3 and 4, TRADEPOINT ATLANTIC LAND CONDOMINIUM" and recorded among the Land Records of Baltimore County, Maryland in Condominium Plat Book 31, Folios 765 through 768, said point of beginning having Maryland Coordinate System coordinates of North 572337.14 feet and East 1460495.12 feet, thence running along the southerly side of the said Bethlehem Boulevard and running through and across the land conveyed by and described in a Special Warranty Deed from Sparrows Point LLC to Sparrows Point Terminal, LLC, dated September 18, 2014 and recorded among the said Land Records in Book 35478, Folio 379, as now surveyed, with bearings referred to the Maryland Coordinate System (NAD'83/91), nine courses, viz:

1. South $70^{\circ} 18' 52''$ East 687.29 feet to a point of curvature,
2. By a tangent curve to the left with a radius of 1983.19 feet and an arc length of 472.37 feet, said curve being subtended by a chord bearing South $77^{\circ} 08' 17''$ East 471.25 feet, to a point of tangency,
3. South $83^{\circ} 57' 42''$ East 244.38 feet to a point of curvature,
4. By a non-tangent curve to the left with a radius of 1998.19 feet and an arc length of 233.64 feet, said curve being subtended by a chord bearing North $85^{\circ} 39' 50''$ East 233.51 feet, to a point of compound curvature,
5. By a tangent curve to the left with a radius of 11524.13 feet and an arc length of 319.71 feet, said curve being subtended by a chord bearing North $81^{\circ} 31' 10''$ East 319.70 feet,
6. North $76^{\circ} 39' 06''$ East 248.90 feet to a point of curvature,
7. By a non-tangent curve to the left with a radius of 11509.13 feet and an arc length of 55.12 feet, said curve being subtended by a chord bearing North $79^{\circ} 21' 05''$ East 55.12 feet, to a point of compound curvature,
8. By a tangent curve to the left with a radius of 2963.47 feet and an arc length of 803.13 feet, said curve being subtended by a chord bearing North $71^{\circ} 27' 01''$ East 800.68 feet, to a point of compound curvature, and

3445-A Box Hill Corporate Center Drive Abingdon MD 21009 (410) 515-9000 Fax (410) 515-9002 www.mragia.com

Abingdon, MD ♦ Baltimore, MD ♦ Laurel, MD ♦ Towson, MD ♦ Georgetown, DE ♦ New Castle, DE ♦ Sterling, VA ♦ Raleigh, NC
(410) 515-9000 (410) 935-5050 (410) 792-9792 (410) 821-1890 (302) 855-5734 (302) 325-2200 (703) 674-0161 (984) 200-2103

75.693 Acre Designated Retail Area

November 27, 2017

Page 2 of 2

9. By a tangent curve to the left with a radius of 4597.73 feet and an arc length of 258.36 feet, said curve being subtended by a chord bearing North 62° 04' 34" East 258.32 feet to a point of reverse curvature, thence leaving the aforesaid side of Bethlehem Boulevard and continuing to run through and across the land described in the aforesaid deed, eight courses, viz:
10. By a tangent curve to the right with a radius of 60.00 feet and an arc length of 118.36 feet, said curve being subtended by a chord bearing South 63° 01' 21" East 100.08 feet, to a point of tangency,
11. South 06° 30' 42" East 496.99 feet,
12. South 48° 30' 38" West 861.37 feet,
13. South 83° 41' 25" West 3403.01 feet,
14. North 15° 03' 43" East 711.23 feet,
15. North 68° 57' 15" East 240.00 feet,
16. North 39° 59' 40" East 81.34 feet, and
17. North 25° 24' 27" East 556.34 feet to the place of beginning.

CONTAINING 75.693 acres of land, more or less.

BEING part of the land conveyed by and described in a Special Warranty Deed from Sparrows Point LLC to Sparrows Point Terminal, LLC (now TradePoint Atlantic, LLC), dated September 18, 2014 and recorded among the Land Records of Baltimore County, Maryland in Book 35478, Folio 379.

(Current License Expires 5/2/18)



VOLUNTARY CLEANUP PROGRAM APPLICATION

I. PROPERTY

Property Name: **Sparrows Point**

Address: 1600 Sparrows Point Boulevard

City: Sparrows Point

County: Baltimore

Zip Code: 21219

Tax Parcel Number: 15-15-02-02430; 15-15-02-02400; 15-19-00-013766; 15-22-00-006455

Acreage: 3024.3 acres total

List any other names (i.e. aliases) for this property that could help identify historical environmental records:

Bethlehem Steel; Severstal Sparrows Point

Please check one of the following, if applicable:

☐ This application is for multiple contiguous parcels. Please include the tax parcel number and the acreage for each individual parcel. If parcels are not contiguous, a separate application accompanied by another \$6000 application fee must be filed for each non-contiguous parcel.

☐ This property has already applied to the VCP under a different applicant.

☐ This property is adjacent to a property that has already applied to the VCP and both properties are part of the same planned unit development or similar development plan.

NOTE: Pursuant to Maryland law, properties that are listed on the National Priorities List, subject to a controlled hazardous substance permit issued by the State, or owned by a "responsible person" and contaminated after October 1, 1997, are not eligible for this Program.

II. APPLICANT

Attachment III of the application provides a checklist of the information that should be included in the VCP application package. Although not mandatory, applicants are encouraged to complete the checklist and submit it with the application.

Name(s) of Representative(s): **Peter Haid**

Title: **Senior Director of Environmental**

Organization: Tradepoint Atlantic

Mailing Address: 1600 Sparrows Point Boulevard

City: Baltimore

State: MD

Zip Code: 21219

Telephone: (443) 649-5055

E-mail: phaid@tradepointatlantic.com

(A) Indicate the legal form of the applicant's organization and provide the date founded.
Limited liability company founded in 2014

III. APPLICANT'S INTEREST IN PROPERTY

(A) Indicate the interest in the property by checking all the applicable box(es) below.

Interest in Property	Interest in Property
<input checked="" type="checkbox"/> Currently own property	<input type="checkbox"/> Under contract for option to purchase property
<input type="checkbox"/> Currently renting or leasing property	<input type="checkbox"/> Under contract for conditional sale of property
<input type="checkbox"/> Considering purchasing property	<input type="checkbox"/> Considering making a loan or investment to a purchaser for the acquisition of the property
<input type="checkbox"/> Considering renting or leasing property	<input type="checkbox"/> Holder of a mortgage, deed or trust or other security interest
<input type="checkbox"/> Other (explain):	

(B) If purchasing the property and a contract offer has been accepted, has a settlement date been scheduled?

☐ Yes ☐ No Date:

(C) If considering renting or leasing the property, has the applicant entered into a lease option or lease agreement?

☐ Yes ☐ No Date term of lease option expires or lease begins:



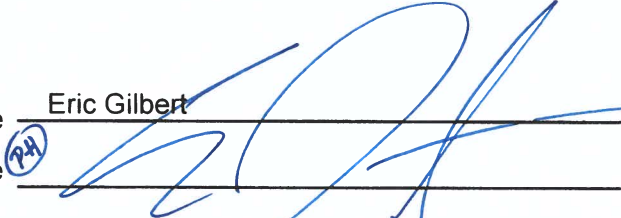
XIII. OVERSIGHT COSTS

- (A) The application must be accompanied by an initial application fee of \$6,000, or a \$2,000 fee for each application submitted subsequent to the initial application for the same property, or a \$2,000 fee for each application submitted subsequent to the initial application for contiguous or adjacent properties that are part of the same planned unit development or a similar development plan. The appropriate application fee shall be made payable to the Voluntary Cleanup Fund and will be used by the Department for activities related to the review of proposed voluntary cleanup projects and the direct administrative oversight of voluntary cleanup projects.
- (B) If the application is accepted and a response action plan is approved, the participant will be required to file a performance bond or other security with the Department prior to commencement of any work on the property and that there is a \$2000 fee for issuance of an NFRD or COC with land use controls.

XIV. STATEMENT OF CERTIFICATION

"I, the applicant, certify under penalty of law that the information provided on this application form and within the documents of the application package is, to the best of applicant's knowledge and belief, accurate and complete. I, the applicant, am aware that there are significant penalties for falsifying any information required by the Department under Title 7, Subtitle 5 of the Environment Article, Annotated Code of Maryland, Voluntary Cleanup Program, and that the information in this application is required for the Voluntary Cleanup Program authorized by Title 7, Subtitle 5 of the Environment Article, Annotated Code of Maryland.

I certify I am an authorized representative of the applicant.

Printed Name Eric Gilbert Title Chief Development Officer
Signature  Date 6/12/18

(Please note that another signed Statement of Certification must accompany any documents, maps, reports, or other information submitted to the Department subsequent to the initial application. Multiple items can be submitted under a single Statement of Certification; however, an accurate description of the items being submitted should be included in the cover letter.)



WEAVER CONSULTANTS GROUP
Environmental Site Assessment Questionnaire

WCG utilizes the following questionnaire as a tool to facilitate the Environmental Site Assessment (ESA) process. Please answer the following questions to the best of your knowledge. You have been selected to answer this questionnaire because you are (1) a current or past owner of the Property, (2) a current or past occupant of the Property, (3) a key site manager with respect to the Property, or (4) a person that may have specific knowledge regarding current or historical operations at the Property and adjoining properties. If you do not know an answer, please select "unknown". If possible and if applicable, please provide additional detail in the "Comments" section.

WCG requests that the respondent sign the last page of the form which affirms that the respondent has answered all questions to the best of the respondent's actual knowledge and in good faith. WCG would like to take this opportunity to thank you for your time and effort in assisting us with this task.

PROPERTY DATA

Date Completed _____

Property Address Area C, Sparrows Point

City Baltimore County _____ State Maryland Zip 21219

Property is _____ Vacant Land ☒ Improved

Respondent's Name Pete Haid Relationship to the Property _____

Company Tradepoint Atlantic Title Environmental Director

Address 1600 Sparrows Point Boulevard

City Baltimore State Maryland Zip 21219

Phone 443-649-5055 Fax _____

1. To the best of your knowledge, is the Property used for an industrial use? If yes, describe the current operations.

Respondent: _____ Comments: Currently under construction for future commercial use.
Yes _____ No ☒ Unknown _____

2. To the best of your knowledge, is any adjoining property used for an industrial use? If yes, describe the current operations.

Respondent: _____ Comments: Amazon and Under Armour warehouses to the south and Access World warehouse to the west.
Yes ☒ No _____ Unknown _____

3. To the best of your knowledge, has the Property been used for an industrial use in the past? If yes, describe the past operations.

Respondent: _____ Comments: Steel Manufacturing, see 2014 Phase I
Yes ☒ No _____ Unknown _____

4. To the best of your knowledge, has any adjoining property been used for an industrial use in the past? If yes, describe the past operations.

Respondent: _____ Comments: Steel Manufacturing, see 2014 Phase I
Yes ☒ No _____ Unknown _____

5. To the best of your knowledge, is the Property currently used or has formerly been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?

Respondent: _____
Yes _____ No _____ Unknown ☒ _____ Comments: _____

If yes, please indicate which type of use and time period: _____

6. To the best of your knowledge, is any adjoining property currently used or has been formerly used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?

Respondent: _____
Yes _____ No _____ Unknown ☒ _____ Comments: _____

If yes, please indicate which type of use and time period: _____

WEAVER CONSULTANTS GROUP

Environmental Site Assessment Questionnaire

7. To the best of your knowledge, are there currently, or to the best of your knowledge have there been previously, any damaged or discarded batteries, or pesticides, paints, or other chemicals in containers of greater than 5 gal (19L) in volume or 50 gal (190L) in the aggregate, stored on or used at the Property?

Respondent:

Comments: see 2014 Phase I

Yes _____ No _____ Unknown X

8. To the best of your knowledge, are there currently, or to the best of your knowledge have there been previously, any drums (typically 55 gal (208L)) or sacks of chemicals located on the Property?

Respondent:

Comments: see 2014 Phase I

Yes _____ No _____ Unknown X

9. Did you observe evidence or do you have prior knowledge that fill dirt has been brought onto the Property? If yes, where did the fill dirt originate?

Respondent:

Comments: Slag fill, from Sparrows Point

Yes X No _____ Unknown _____

10. To the best of your knowledge, are there currently, or have there been previously, any pits, ponds, or lagoons located on the Property?

Respondent:

Comments: Former Tin Mill Canal, see 2014 Phase I

Yes _____ No _____ Unknown X

11. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the Property?

Respondent:

Comments: see 2014 Phase I

Yes _____ No _____ Unknown X

12. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the Property?

Respondent:

Comments: see 2014 Phase I

Yes _____ No _____ Unknown X

13. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways protruding from the ground on the Property or adjacent to any structure located on the Property?

Respondent:

Comments:

Yes _____ No X Unknown _____

14. Is there currently, or to the best of your knowledge have there been previously, any evidence of leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the Property?

Respondent:

Comments: see 2014 Phase I

Yes _____ No _____ Unknown X

15. Is the Property currently, or to the best of your knowledge has the Property been previously served by a private well or non-public water system?

Respondent:

Comments: see 2014 Phase I

Yes _____ No _____ Unknown X

16. Is the Property currently, or to the best of your knowledge has the Property been previously served by a septic system?

Respondent:

Comments: see 2014 Phase I

Yes _____ No _____ Unknown X

WEAVER CONSULTANTS GROUP
Environmental Site Assessment Questionnaire

17. Do you have any knowledge of environmental liens or governmental notifications relating to past or recurrent violations of environmental laws with respect to the Property or know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the Property?

Respondent:

Comments: see 2014 Phase I

Yes _____ No _____ Unknown ☒

18. To the best of your knowledge, does the Property discharge waste water (not including sanitary waste or stormwater) on or adjacent to the Property and/or into a stormwater or sanitary sewer system?

Respondent:

Comments:

Yes _____ No ☒ Unknown _____

19. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the Property?

Respondent:

Comments: Not to my knowledge

Yes _____ No _____ Unknown ☒

20. To the best of your knowledge, is there a transformer, capacitor, or any hydraulic equipment on the Property? If yes, do you have any knowledge of records indicating the presence of PCBs?

Respondent:

Comments: Two dry transformers

Yes ☒ No _____ Unknown _____

21. To the best of your knowledge, can you list any and all known past owners of the property including time period of ownership and use of the property during ownership. Please include any contact information that you may have.

see 2014 Phase I

22. To the best of your knowledge, can you list any and all known past occupants of the property including time period of occupancy and use of the property during occupancy. Please include any contact information that you may have.

see 2014 Phase I

23. To the best of your knowledge, can you list the structures currently present on the property including age, dates of renovations (if any), size and building materials.

Marketing building, approximately 1,400 square feet, slab on grade.

24. To the best of your knowledge, can you list the structures formerly present on the property (if any) including age, dates of renovations (if any), size and building materials.

see 2014 Phase I

25. To the best of your knowledge, can you list the current providers of the following utilities at the property (if applicable): drinking water, sanitary sewer, stormwater run-off, electricity, heat source, and telephone.

BGE - Gas and Electric; Baltimore Department of Public Works - Water; Baltimore County - Sanitary

WEAVER CONSULTANTS GROUP
Environmental Site Assessment Questionnaire

To the best of your knowledge, do you know if any of the environmental documents noted below exist for the Property:

• **Prior environmental assessment or audit reports**

Respondent:

Yes ☒ No ☐ Unknown ☐ see 2014 Phase I

• **Environmental permits**

Respondent:

Yes ☒ No ☐ Unknown ☐

• **Material Safety Data Sheets (MSDS)**

Respondent:

Yes ☐ No ☐ Unknown ☒

• **The property's community right-to-know plan**

Respondent:

Yes ☐ No ☐ Unknown ☒

• **Spill prevention and other safety/preparedness plans**

Respondent:

Yes ☐ No ☐ Unknown ☒

• **Reports regarding hydrogeologic conditions on the property and/or the surrounding area**

Respondent:

Yes ☒ No ☐ Unknown ☐ see 2014 Phase I

• **Hazardous waste generator notices or reports**

Respondent:

Yes ☐ No ☐ Unknown ☒

• **Geotechnical studies**

Respondent:

Yes ☐ No ☐ Unknown ☒ see 2014 Phase I

RESPONDENT INFORMATION

Name Pete Haid
Title Environmental Director
Firm Tradepoint Atlantic
Address 1600 Sparrows Point
Baltimore, MD
Phone Number 443-649-5055
Relationship to the Property Owner Representative
Date 9-26-2018

I believe that the above statements and facts are true and correct to the best of my actual knowledge and that no material facts have been suppressed or misstated.

Print Name Pete Haid
Signature [Signature] Date 10/11/18
Respondent

WEAVER CONSULTANTS GROUP
Phase I Environmental Site Assessment
User-Provided Information Questionnaire

This questionnaire is based upon Section X3 of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1 527-13).

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by 40 CFR 312, the user must provide the available information requested in numbers 1 through 6, following.

In addition, while the information requested in numbers 7 through 19 is not required to qualify for one of the LLPs, it is typically necessary to assist us in completing the Phase I ESA. Lack of this requested information could result in data gaps within the Phase I ESA. Weaver Consultants Group requests that the respondent provide the requested information and include comments where applicable, such as the information is not available or unknown, and sign the last page of the questionnaire. This affirms that the respondent has answered all questions to the best of the respondent's actual knowledge and in good faith.

I. Environmental liens that are filed or recorded against the Property (40 CFR 312.25).

Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

I am not aware of any environmental liens.

- 2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26).** Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the Property and/or have been filed or recorded against the property under federal, tribal, state or local law?

I am not aware of any AULs placed on the Property with the exception of possible VCP conditions.

WEAVER CONSULTANTS GROUP

Phase I Environmental Site Assessment

User-Provided Information Questionnaire

This questionnaire is based upon Section X3 of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments : Phase I Environmental Site Assessment Process (E 1527-13).

3. **Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR Part 312.28).** 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 no special knowledge.

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 the Property reflect fair market value of the Property? If 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?

This parcel was not sold.

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 a release or threatened releases? For example,

- a) Do you know the past uses of the Property or adjoining properties?

See Phase I and Phase II Reports.

WEAVER CONSULTANTS GROUP

Phase I Environmental Site Assessment

User-Provided Information Questionnaire

This questionnaire is based upon Section X3 of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments : Phase I Environmental Site Assessment Process (E 1527-13).

- b) Do you know the specific chemicals that are present or once were present at the Property or adjoining properties?

See Phase I and Phase II Reports.

- c) Do you know of spills or chemical releases that have taken place at the Property or adjoining properties?

See Phase I and Phase II Reports.

- d) Do you know of any environmental cleanups that have taken place at the Property or adjoining properties?

See Phase I and Phase II Reports.

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).** Based on your knowledge and experience related to the Property are there any obvious indicators that point to the presence or likely presence of releases at the Property?

No obvious indicators. See Phase I and Phase II Reports.

WEAVER CONSULTANTS GROUP
Phase I Environmental Site Assessment
User-Provided Information Questionnaire

This questionnaire is based upon Section X3 of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments : Phase I Environmental Site Assessment Process (E 1527-13).

7. The reason why this Phase I ESA is required.

Required for MDE VCP.

8. The type of property and type of property transaction (e.g., purchase, exchange, etc.).

Currently unimproved land, being prepared for development.

9. Complete and correct address for the Property (a map or other documentation showing the property location and boundaries is helpful).

See attached map.

10. The scope of services desired for the Phase I (including whether any parties to the property transaction may have a required standard scope of services on whether any considerations beyond the requirements of ASTM E 1527-13 are to be considered).

Standard scope.

11. Identification of all parties who will rely on the Phase I report.

Tradepoint Atlantic, LLC.

WEAVER CONSULTANTS GROUP

Phase I Environmental Site Assessment

User-Provided Information Questionnaire

This questionnaire is based upon Section XJ of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E 1527-13).

12. Identification of the site contact and how the contact can be reached. (i.e., the key site manager, who will provide Weaver Consultants Group with access to the Property and who possesses a good working knowledge of the uses and physical characteristics of the Property and its history).

Peter Haid, Senior Director of Environmental

13. Any special terms and conditions (beyond those attached to this Proposal) which must be agreed upon by the environmental professional.

None.

14. Any other knowledge or experience with the Property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondences, etc., concerning the Property and its environmental condition).

Available documents provided to WCG.

15. A legal description of the Property and a plat of survey showing the configuration and boundaries of the Property.

See Phase I and Phase II Reports.

WEAVER CONSULTANTS GROUP
Phase I Environmental Site Assessment
User-Provided Information Questionnaire

This questionnaire is based upon Section XJ of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E 1527-13).

16. The name of the owner of record of the Property.

Tradepoint Atlantic, LLC

17. All known parcel index numbers (PINs or tax ID numbers) for the Property.

Unknown.

18. Any and all known past owners of the Property including time period of ownership and use of the Property during ownership. Please include any contact information that you may have.

See Phase I and Phase II Reports.

19. Any and all known past occupants of the Property including time period of occupancy and use of the Property during occupancy. Please include any contact information that you may have.

See Phase I and Phase II Reports.

WEAVER CONSULTANTS GROUP

Phase I Environmental Site Assessment

User-Provided Information Questionnaire

This questionnaire is based upon Section X3 of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E 1527-13).

The respondent of the questionnaire must complete and sign the following statement.

This questionnaire was completed by:

Peter Haid
Name:

Senior Director of Environmental
Title:

TradePoint Atlantic
Firm:

1600 Sparrows Point Blvd., Baltimore, MD 21219
Address:

(443) 649-5055
Phone Number:

10/11/18
Date:

The respondent represents that to the best of the respondent's knowledge the above statements and facts are true and correct and to the best of the respondent's actual knowledge, no material facts have been suppressed or misstated.

Peter Haid
Print Name (Respondent):

P. Haid
Signature (Respondent):

10/11/18
Date:

APPENDIX C

PHOTOGRAPHIC DOCUMENTATION

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

Page 1 of 9



Photo 1: View of northern adjoining property, looking northeast.



Photo 2: View of the eastern adjoining property, looking east from the northeast corner of the Property.

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

Page 2 of 9



Photo 3: View of the southern adjoining property (Amazon), looking south.



Photo 4: View of the western adjoining property (Access World Warehouse), looking west.

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

Page 3 of 9



Photo 5: View of the Property, looking southeast from the northwest portion of the Property.



Photo 6: View of the marketing building on the north western portion of the Property.

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

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Photo 7: View of the electrical conduit trench along the northern Property boundary.



Photo 8: View of construction materials on the northern portion of the Property.

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

Page 5 of 9



Photo 9: View of a mobile construction tool bucket on the northern portion of the Property.



Photo 10: View of pad mounted transformer owned and operated by the State Highway Administration (SHA) along Bethlehem Road.

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

Page 6 of 9



Photo 11: View of water main manway installation on the northern portion of the Property, looking south.



Photo 12: View of the Tin Mill Canal, looking west from the eastern portion of the Property.

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

Page 7 of 9



Photo 13: View of pumps used to remove water from the Tin Mill Canal, water pumped to Waste Water Treatment Plant.



Photo 14: View of a diesel AST used for the Canal Pumps.

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

Page 8 of 9



Photo 15: View of the DEF Tote used for the Canal pumps.



Photo 16: View of spill evidence next to the DEF Tote.

Site:
Sparrows Point Sub-Parcel Area C
Sparrows Point, Maryland

Taken By: Travis Esbenshade
Date Taken: September 6, 2018

Page 9 of 9



Photo 17: View of the railway and road marking drums, looking west from the south eastern portion of the Property.



Photo 18: View of the concrete recycling operation on the southern portion of the Property.

APPENDIX D

REGULATORY RECORDS DOCUMENTATION



DATABASE REPORT

Project Property: 2017862
n/a
Sparrows Point MD 21219

Project No: 2017862

Report Type: Database Report

Order No: 20180712145

Requested by: Historical Information Gatherers

Date Completed: July 16, 2018

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property: 2017862
n/a Sparrows Point MD 21219

Project No: 2017862

Coordinates:

Latitude: 39.235159
Longitude: -76.472573
UTM Northing: 4,343,906.05
UTM Easting: 372,907.66
UTM Zone: UTM Zone 18S

Elevation: 0 FT

Order Information:

Order No: 20180712145
Date Requested: July 12, 2018
Requested by: Historical Information Gatherers
Report Type: Database Report

Historicals/Products:

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<u>Standard Environmental Records</u>								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	0	0	0	-	0
ODI	Y	.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	.5	0	0	0	0	-	0
RCRA LQG	Y	.25	0	0	0	-	-	0
RCRA SQG	Y	.25	0	0	0	-	-	0
RCRA CESQG	Y	.25	0	0	0	-	-	0
RCRA NON GEN	Y	.25	0	0	0	-	-	0
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
FEMA UST	Y	.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	0	1	5	6

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DSHW	Y	1	0	0	0	0	1	1
SWF	Y	.5	0	0	0	0	-	0
UST	Y	.25	0	0	1	-	-	1
DELISTED UST	Y	.25	0	0	0	-	-	0
AST	Y	.25	0	1	0	-	-	1
DELISTED TANKS	Y	.25	0	0	0	-	-	0
LUC	Y	.5	0	0	0	0	-	0
OCP	Y	.5	0	1	0	11	-	12
DELISTED OCP	Y	.5	0	0	0	0	-	0
VCP	Y	.5	0	0	0	0	-	0
BROWNFIELDS	Y	.5	0	0	0	0	-	0

Tribal

INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	1	1	-	-	-	2
TRIS	Y	PO	2	12	-	-	-	14
HMIRS	Y	.125	0	0	-	-	-	0
NCDL	Y	PO	0	-	-	-	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
ICIS	Y	PO	1	-	-	-	-	1
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	.25	0	0	0	-	-	0
ALT FUELS	Y	.25	0	0	0	-	-	0
SSTS	Y	.25	0	0	0	-	-	0
PCB	Y	.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
State								
SPILLS	Y	.125	0	0	-	-	-	0
DRYCLEANERS	Y	.25	0	0	0	-	-	0
Tribal								
<i>No Tribal additional environmental record sources available for this State.</i>								
County								
<i>No County additional environmental record sources available for this State.</i>								
<hr/>								
Total:			4	15	1	12	6	38

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
<u>1</u>	TRIS	PORI INTERNATIONAL INC.	C/O BETHLEHEM STEEL'S, SPARROWS POINT PLANT SPARROWS POINT MD 21219	-	0.00 / 0.00	5	<u>21</u>
<u>1</u>	TRIS	PORI INTERNATIONAL INC.	C/O BETHLEHEM STEEL'S, SPARROWS POINT PLANT SPARROWS POINT MD 21219	-	0.00 / 0.00	5	<u>21</u>
<u>2</u>	ICIS	U.S. FILTER RECOVERY SERVICES,	ATION, SPARROWS POINT. SPARROWS POINT MD 21219	-	0.00 / 0.00	5	<u>22</u>
<u>3</u>	FINDS/FRS	U.S. FILTER RECOVERY SERVICES,	ATION, SPARROWS POINT. SPARROWS POINT MD 21219	-	0.00 / 0.00	5	<u>22</u>

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
<u>4</u>	FINDS/FRS	BOISE CASCADE COMPOSITE CAN	8907 BETHLEHEM BOULEVARD SPARROWS POINT MD 21219	ENE	0.00 / 15.62	6	<u>23</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>23</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>26</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>28</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>30</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>33</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>33</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>36</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>38</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>40</u>
<u>5</u>	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	<u>43</u>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
5	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	44
5	TRIS	U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	6	46
6	AST	Lafarge Building Materials, Inc.	950 Wharf Rd Gate 15b Sparrows Point MD 21219	ESE	0.12 / 636.05	22	48
6	OCP	BLUE CIRCLE CONCRETE	950 WHARF RD SPARROWS POINT MD 21219 Case No / Status: 97-1093BA4 CLOSED	ESE	0.12 / 636.05	22	50
7	UST	Maintenamce of Way Tie Yard	Sparrows Pt. Blvd. And Wharf Road Sparrows Point MD 21219 Tank ID / Tank Status / Date Installed: 1 Permanently Out of Use 4/1/1979	SE	0.25 / 1,305.42	17	50
8	OCP	THE NELSON CO	2116 SPARROWS POINT RD BALTIMORE MD 21219 Case No / Status: 00-0551BA4 CLOSED	ESE	0.27 / 1,450.94	19	51
9	OCP	DOUG'S TRUCK & AUTO	2111 SPARROWS POINT RD BALTIMORE MD 21219 Case No / Status: 09-0676BA CLOSED	ESE	0.28 / 1,500.16	19	51
10	OCP	DIETRICH INDUSTRIES INC	8911 BETHLEHEM BLVD BALTIMORE MD 21219 Case No / Status: 93-1943BA4 CLOSED	ENE	0.35 / 1,825.42	14	51
10	OCP	DIETRICH INDUSTRIES INC	8911 BETHLEHEM BLVD SPARROWS POINT MD 21219 Case No / Status: 7-0418BA CLOSED	ENE	0.35 / 1,825.42	14	52
10	OCP	DIETRICH INDUSTRIES INC	8911 BETHLEHEM BLVD BALTIMORE MD 21219 Case No / Status: 06-0481BA2 CLOSED	ENE	0.35 / 1,825.42	14	52
11	OCP	AMERICAN NATIONAL CAN	2010 RESERVOIR RD SPARROWS POINT MD 21219 Case No / Status: 92-1684BA4 CLOSED	NE	0.44 / 2,301.65	21	52
11	SHWS	2010 Reservoir Road	2010 Reservoir Road Sparrows Point MD 21219	NE	0.44 / 2,301.65	21	52
12	OCP	ISG SPARROWS PT PLANT GARAGE	5111 NORTH POINT BLVD SPARROWS POINT MD 21219 Case No / Status: 04-2134BA4 CLOSED	E	0.45 / 2,388.45	19	53

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>12</u>	OCP	ISG SPARROWS POINT INC	5111 NORTH POINT BLVD SPARROWS POINT MD 21219 Case No / Status: 04-2167BA4 CANCELLED	E	0.45 / 2,388.45	19	<u>53</u>
<u>13</u>	OCP	7-ELEVEN #38196	5230 NORTH POINT BLVD EDGEMERE MD 21219 Case No / Status: 17-0574BA CLOSED	E	0.46 / 2,413.19	22	<u>54</u>
<u>14</u>	OCP	EDGEMERE AUTO WELDING & FIBERGLASS SERVICE	5220 NORTH POINT BLVD EDGEMERE MD 21219 Case No / Status: 9-1304BA1 CLOSED	E	0.46 / 2,422.23	22	<u>54</u>
<u>15</u>	OCP	MICKY'S CITGO	5130 (5200) NORTH POINT RD BALTIMORE MD 21219 Case No / Status: 92-1785BA4 CLOSED	E	0.46 / 2,445.93	20	<u>54</u>
<u>16</u>	SHWS	Maryland Department of Transportation Sparrows Point	MD Route 157 (Peninsula Boulevard) Baltimore MD 21219	NW	0.62 / 3,269.80	9	<u>54</u>
<u>17</u>	DSHW	Maryland Dept of Transportation Sparrows Point	Md Route 157 (Peninsula Boulevard) Baltimore MD 21219	NW	0.62 / 3,279.57	9	<u>55</u>
<u>18</u>	SHWS	Vulcan Materials Metals Div.	2415 Grays Road Sparrows Point MD 21222	NNE	0.62 / 3,282.65	19	<u>56</u>
<u>19</u>	SHWS	4611 North Point Boulevard	4611 North Point Boulevard Edgemere MD 21219	NE	0.85 / 4,468.91	16	<u>57</u>
<u>20</u>	SHWS	Bethlehem Steel Shipyard	600 Shipyard Road Sparrows Point MD 21219	WSW	0.90 / 4,749.45	10	<u>58</u>
<u>20</u>	SHWS	Sparrows Point Shipyard LLC	600 Shipyard Road Baltimore MD 21219	WSW	0.90 / 4,749.45	10	<u>58</u>

Executive Summary: Summary by Data Source

Standard

State

SHWS - Land Restoration Program (LRP) Sites

A search of the SHWS database, dated Jun 5, 2018 has found that there are 6 SHWS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
2010 Reservoir Road	2010 Reservoir Road Sparrows Point MD 21219	NE	0.44 / 2,301.65	<u>11</u>
Maryland Department of Transportation Sparrows Point	MD Route 157 (Peninsula Boulevard) Baltimore MD 21219	NW	0.62 / 3,269.80	<u>16</u>
Vulcan Materials Metals Div.	2415 Grays Road Sparrows Point MD 21222	NNE	0.62 / 3,282.65	<u>18</u>
4611 North Point Boulevard	4611 North Point Boulevard Edgemere MD 21219	NE	0.85 / 4,468.91	<u>19</u>
Bethlehem Steel Shipyard	600 Shipyard Road Sparrows Point MD 21219	WSW	0.90 / 4,749.45	<u>20</u>
Sparrows Point Shipyard LLC	600 Shipyard Road Baltimore MD 21219	WSW	0.90 / 4,749.45	<u>20</u>

DSHW - Delisted Potential Hazardous Waste Sites

A search of the DSHW database, dated Jun 05, 2018 has found that there are 1 DSHW site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Maryland Dept of Transportation Sparrows Point	Md Route 157 (Peninsula Boulevard) Baltimore MD 21219	NW	0.62 / 3,279.57	<u>17</u>

UST - Underground Storage Tanks

A search of the UST database, dated Mar 27, 2018 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Maintenamce of Way Tie Yard	Sparrows Pt. Blvd. And Wharf Road Sparrows Point MD 21219	SE	0.25 / 1,305.42	7
Tank ID Tank Status Date Installed: 1 Permanently Out of Use 4/1/1979				

AST - Aboveground Storage Tanks

A search of the AST database, dated Mar 30, 2018 has found that there are 1 AST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Lafarge Building Materials, Inc.	950 Wharf Rd Gate 15b Sparrows Point MD 21219	ESE	0.12 / 636.05	6

OCP - Oil Control Program

A search of the OCP database, dated Mar 27, 2018 has found that there are 12 OCP site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BLUE CIRCLE CONCRETE	950 WHARF RD SPARROWS POINT MD 21219	ESE	0.12 / 636.05	6
Case No Status: 97-1093BA4 CLOSED				
THE NELSON CO	2116 SPARROWS POINT RD BALTIMORE MD 21219	ESE	0.27 / 1,450.94	8
Case No Status: 00-0551BA4 CLOSED				
DOUG'S TRUCK & AUTO	2111 SPARROWS POINT RD BALTIMORE MD 21219	ESE	0.28 / 1,500.16	9
Case No Status: 09-0676BA CLOSED				
DIETRICH INDUSTRIES INC	8911 BETHLEHEM BLVD BALTIMORE MD 21219	ENE	0.35 / 1,825.42	10
Case No Status: 06-0481BA2 CLOSED				
DIETRICH INDUSTRIES INC	8911 BETHLEHEM BLVD SPARROWS POINT MD 21219	ENE	0.35 / 1,825.42	10
Case No Status: 7-0418BA CLOSED				
DIETRICH INDUSTRIES INC	8911 BETHLEHEM BLVD BALTIMORE MD 21219	ENE	0.35 / 1,825.42	10
Case No Status: 93-1943BA4 CLOSED				
AMERICAN NATIONAL CAN	2010 RESERVOIR RD SPARROWS POINT MD 21219	NE	0.44 / 2,301.65	11
Case No Status: 92-1684BA4 CLOSED				
ISG SPARROWS POINT INC	5111 NORTH POINT BLVD SPARROWS POINT MD 21219	E	0.45 / 2,388.45	12
Case No Status: 04-2167BA4 CANCELLED				

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ISG SPARROWS PT PLANT GARAGE	5111 NORTH POINT BLVD SPARROWS POINT MD 21219	E	0.45 / 2,388.45	12
Case No / Status: 04-2134BA4 CLOSED				
7-ELEVEN #38196	5230 NORTH POINT BLVD EDGEMERE MD 21219	E	0.46 / 2,413.19	13
Case No / Status: 17-0574BA CLOSED				
EDGEMERE AUTO WELDING & FIBERGLASS SERVICE	5220 NORTH POINT BLVD EDGEMERE MD 21219	E	0.46 / 2,422.23	14
Case No / Status: 9-1304BA1 CLOSED				
MICKY'S CITGO	5130 (5200) NORTH POINT RD BALTIMORE MD 21219	E	0.46 / 2,445.93	15
Case No / Status: 92-1785BA4 CLOSED				

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 17, 2018 has found that there are 2 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
U.S. FILTER RECOVERY SERVICES,	ATION, SPARROWS POINT. SPARROWS POINT MD 21219	-	0.00 / 0.00	3
BOISE CASCADE COMPOSITE CAN	8907 BETHLEHEM BOULEVARD SPARROWS POINT MD 21219	ENE	0.00 / 15.62	4

TRIS - Toxics Release Inventory (TRI) Program

A search of the TRIS database, dated Dec 31, 2016 has found that there are 14 TRIS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PORI INTERNATIONAL INC.	C/O BETHLEHEM STEEL'S, SPARROWS POINT PLANT SPARROWS POINT MD 21219	-	0.00 / 0.00	1
PORI INTERNATIONAL INC.	C/O BETHLEHEM STEEL'S, SPARROWS POINT PLANT SPARROWS POINT MD 21219	-	0.00 / 0.00	1
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	5

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>
U.S. CAN CO., PLANT 32	2010 RESERVOIR RD. SPARROWS POINT MD 21219	SSW	0.01 / 76.34	<u>5</u>

ICIS - Integrated Compliance Information System (ICIS)

A search of the ICIS database, dated Nov 18, 2016 has found that there are 1 ICIS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
U.S. FILTER RECOVERY SERVICES,	ATION, SPARROWS POINT. SPARROWS POINT MD 21219	-	0.00 / 0.00	<u>2</u>

Map Key



Map : 1 Mile Radius

Order No: 20180712145

Address: n/a, Sparrows Point, MD, 21219



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

76°29'W

76°28'30"W

76°28'W

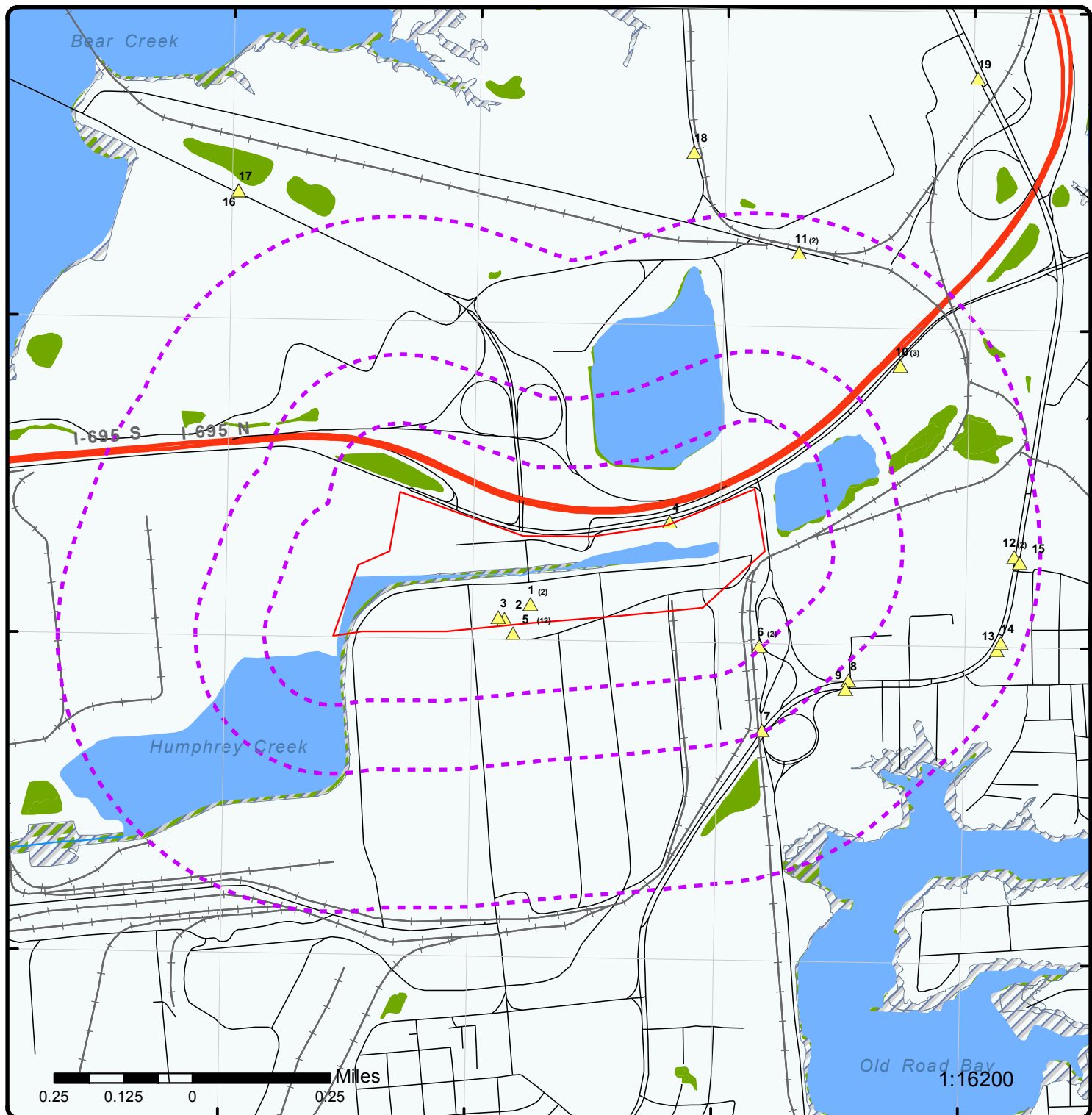
76°27'30"W

39°15'N

39°14'30"N

39°14'N

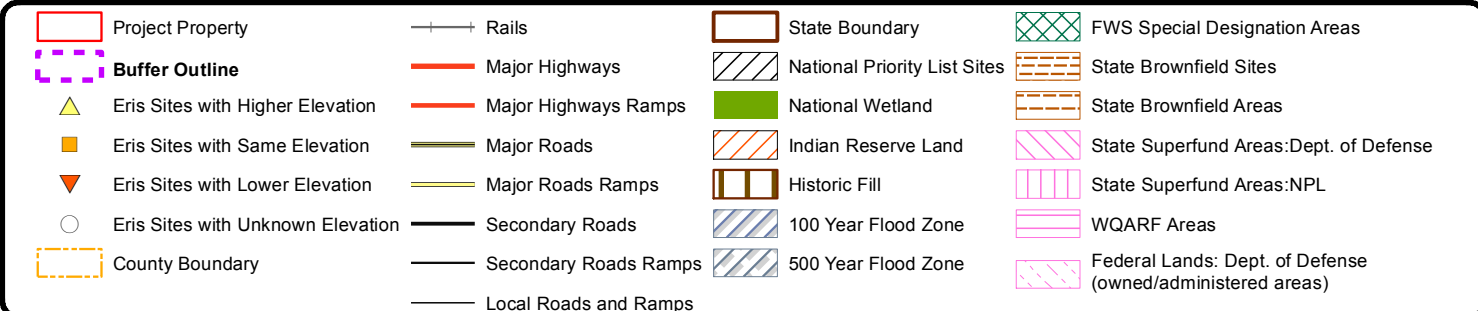
39°13'30"N

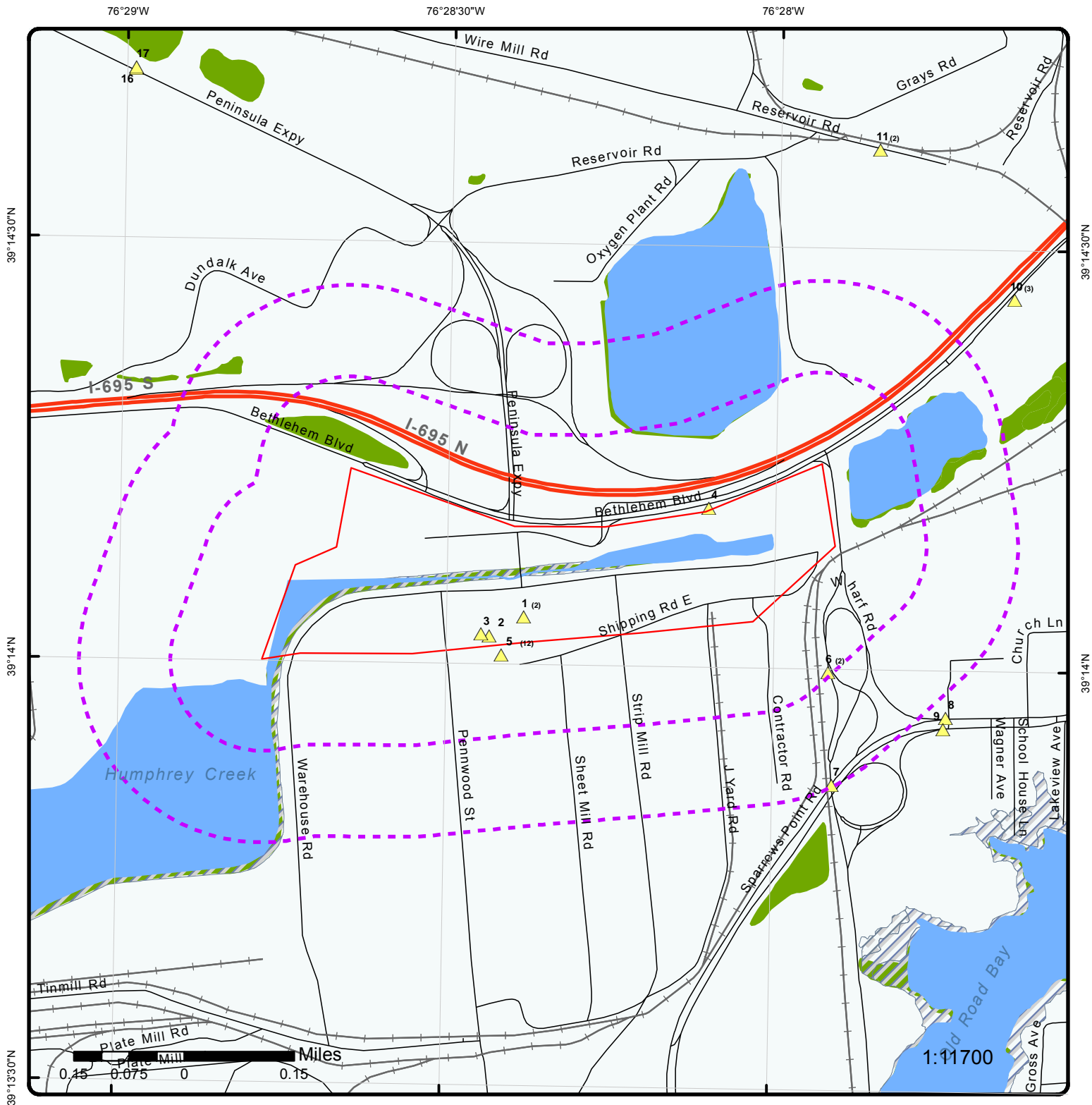


Map : 0.5 Mile Radius

Order No: 20180712145

Address: n/a, Sparrows Point, MD, 21219





Map : 0.25 Mile Radius

Order No: 20180712145

Address: n/a, Sparrows Point, MD, 21219



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

76°28'30"W

76°28'W

39°14'30"N

39°14'30"N

39°14'N

39°14'N



Aerial (2017)

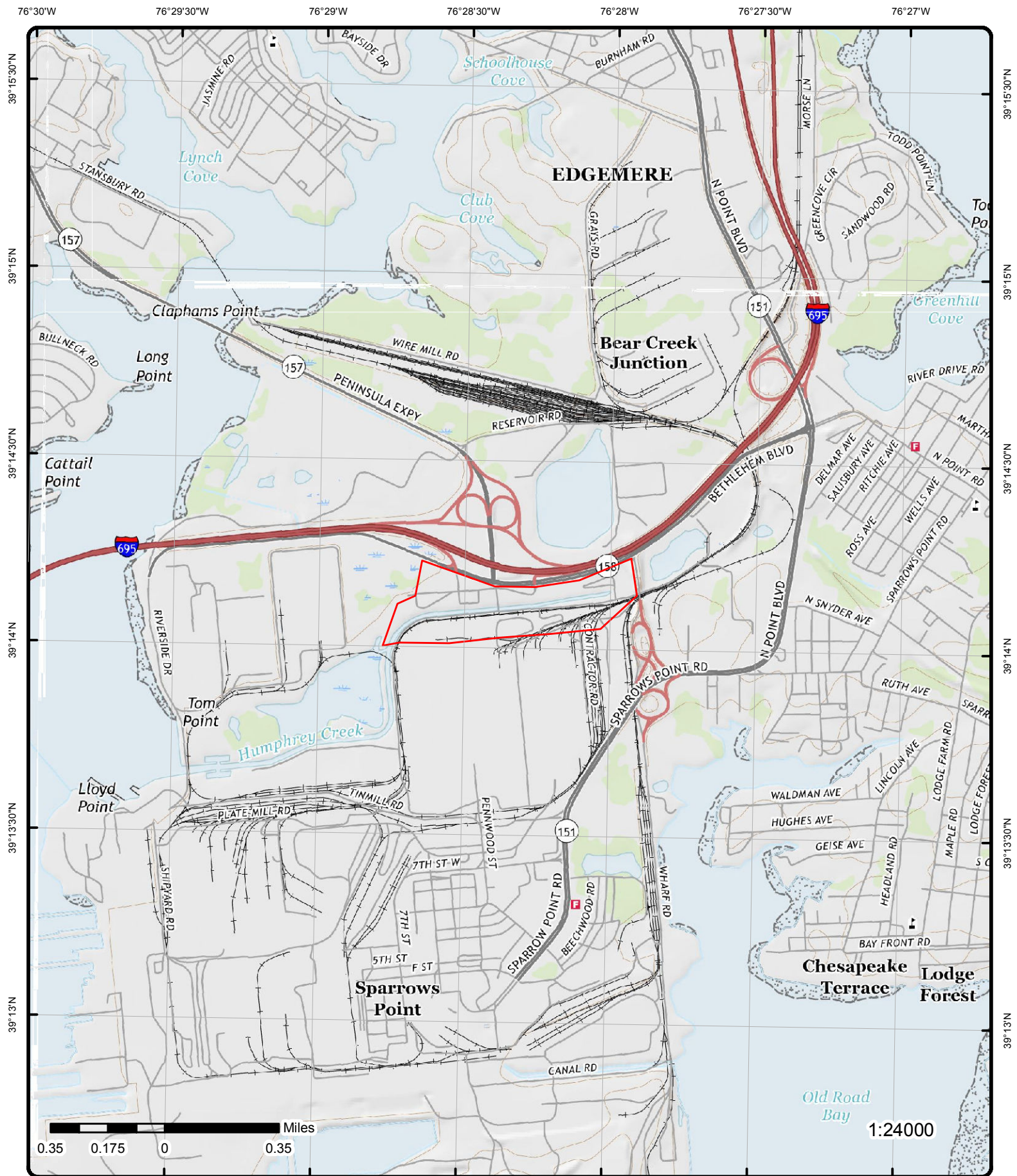
Address: n/a, Sparrows Point, MD, 21219

Source: ESRI World Imagery

Order No: 20180712145



© ERIS Information Inc.



Topographic Map (2016)

Address: n/a, Sparrows Point, MD, 21219

Quadrangle(s): Sparrows Point, MD; Middle River, MD; Curtis Bay, MD; Baltimore East, MD;

Source: USGS Topographic Map

Order No: 20180712145

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 2	-	0.00 / 0.00	5.15 / 5	PORI INTERNATIONAL INC. C/O BETHLEHEM STEEL'S, SPARROWS POINT PLANT SPARROWS POINT MD 21219	TRIS
TRI Facility ID: 21219PRNTR90BET Year: 1988 BIA Code: Tribe: Federal Facility: NO County: BALTIMORE FRS ID:						
--Details--						
Primary SIC:		2999				
Primary NAICS:		324199				
Document Number:		1388025657495				
Chemical:		SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)				
CAS/Compound ID:		007664939				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		250				
Total Releases:		500				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		NA				
Parent Company DB No:		NA				
1	2 of 2	-	0.00 / 0.00	5.15 / 5	PORI INTERNATIONAL INC. C/O BETHLEHEM STEEL'S, SPARROWS POINT PLANT SPARROWS POINT MD 21219	TRIS
TRI Facility ID: 21219PRNTR90BET Year: 1987 BIA Code: Tribe: Federal Facility: NO County: BALTIMORE FRS ID:						
--Details--						
Primary SIC:		2999				
Primary NAICS:						
Document Number:		1387010129450				
Chemical:		SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)				
CAS/Compound ID:		007664939				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		250				
Total Releases:		1000				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		NA				
Parent Company DB No:		NA				

2	1 of 1	-	0.00 / 0.00	5.67 / 5	U.S. FILTER RECOVERY SERVICES, ATION, SPARROWS POINT. SPARROWS POINT MD 21219	ICIS
EPA Region:		03			Federal Facility ID:	
FRS Facility UIN:		110028106804			Tribal Land Code:	
Program Syst ID:		MD0060852			County:	Baltimore
Prog Sys Acronym:		NPDES			Latitude:	39.233889
Permit Type:		NPDES Individual Permit			Longitude:	-76.473889
--Details--						
EA Identifier:					Enf Act Forum Dsc:	
EA Type Code:					Fac NAICS Code:	
EA Type Desc:					Facility SIC Code:	5093
EA Name:						

3	1 of 1	-	0.00 / 0.00	5.69 / 5	U.S. FILTER RECOVERY SERVICES, ATION, SPARROWS POINT. SPARROWS POINT MD 21219	FINDS/FRS
Registry ID:		110028106804				
FIPS Code:		MD005				
Program Acronyms:		NPDES				
HUC Code:		02060003				
Site Type Name:		STATIONARY				
Location Description:		P.O.BOX 6657 SPARROWS POINT,BALTIMORE CO. MD 21219				
Supplemental Location:		BALTIMORE COUNTY				
Create Date:		16-FEB-2007 14:24:23				
Update Date:		11-JAN-2016 16:20:35				
Interest Types:		ICIS-NPDES NON-MAJOR				
SIC Codes:		5093				
SIC Code Descriptions:		SCRAP AND WASTE MATERIALS				
NAICS Codes:						
NAICS Code Descriptions:						
Conveyor:		ICIS				
Federal Facility Code:						
Federal Agency Name:						
Tribal Land Code:						
Tribal Land Name:						
Congressional Dist No.:		02				
Census Block Code:		240059800001066				
EPA Region Code:		03				
County Name:		BALTIMORE				
US/Mexico Border Ind:						
Latitude:		39.233916				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude:		-76.474101				
Reference Point:		POINT WHERE SUBSTANCE IS RELEASED				
Coord Collection Method:		INTERPOLATION-MAP				
Accuracy Value:		30				
Datum:		NAD83				
Source:						
Facility Detail Rprt URL:		http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110028106804				
4	1 of 1	ENE	0.00 / 15.62	6.73 / 6	BOISE CASCADE COMPOSITE CAN 8907 BETHLEHEM BOULEVARD SPARROWS POINT MD 21219	FINDS/FRS
Registry ID:		110001832312				
FIPS Code:		24005				
Program Acronyms:		AIR, AIRS/AFS				
HUC Code:		02060003				
Site Type Name:		STATIONARY				
Location Description:						
Supplemental Location:						
Create Date:		01-MAR-2000 00:00:00				
Update Date:		09-JAN-2015 21:25:55				
Interest Types:		AIR MINOR				
SIC Codes:		3411				
SIC Code Descriptions:		METAL CANS				
NAICS Codes:		332431				
NAICS Code Descriptions:		METAL CAN MANUFACTURING.				
Conveyor:		FRS-GEOCODE				
Federal Facility Code:						
Federal Agency Name:						
Tribal Land Code:						
Tribal Land Name:						
Congressional Dist No.:		02				
Census Block Code:		240059800001047				
EPA Region Code:		03				
County Name:		BALTIMORE				
US/Mexico Border Ind:						
Latitude:		39.239376				
Longitude:		-76.462239				
Reference Point:		ENTRANCE POINT OF A FACILITY OR STATION				
Coord Collection Method:		ADDRESS MATCHING-HOUSE NUMBER				
Accuracy Value:		50				
Datum:		NAD83				
Source:						
Facility Detail Rprt URL:		http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110001832312				
5	1 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
TRI Facility ID:		21219MRCNN2010R		Year:		1993
BIA Code:				Tribe:		
Federal Facility:		NO		County:		BALTIMORE
FRS ID:						
--Details--						
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1393070080357				
Chemical:		METHYL ISOBUTYL KETONE				
CAS/Compound ID:		000108101				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Metal Category:	0					
Carcinogen:	NO					
Unit of Measure:	Pounds					
On-Site Release Total:	8858					
Total Releases:	8858					
Sec 8 Releases:	8858					
On-site Contained:	0					
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	34154					
One-Time Release:	0					
Production Ratio:	2.42					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
Primary SIC:	3411					
Primary NAICS:	332431					
Document Number:	1393070080332					
Chemical:	NAPHTHALENE					
CAS/Compound ID:	000091203					
Clean Air Act?:	YES					
Classification:	NON-PBT					
Metal:	NO					
Metal Category:	0					
Carcinogen:	NO					
Unit of Measure:	Pounds					
On-Site Release Total:	2327					
Total Releases:	2327					
Sec 8 Releases:	2327					
On-site Contained:	0					
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	8971					
One-Time Release:	0					
Production Ratio:	2.42					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
Primary SIC:	3411					
Primary NAICS:	332431					
Document Number:	1393070080320					
Chemical:	METHYL ETHYL KETONE					
CAS/Compound ID:	000078933					
Clean Air Act?:	NO					
Classification:	NON-PBT					
Metal:	NO					
Metal Category:	0					
Carcinogen:	NO					
Unit of Measure:	Pounds					
On-Site Release Total:	13267					
Total Releases:	13267					
Sec 8 Releases:	13267					
On-site Contained:	0					
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	51154					
One-Time Release:	0					
Production Ratio:	2.42					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
Primary SIC:	3411					
Primary NAICS:	332431					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1393070080369				
Chemical:		XYLENE (MIXED ISOMERS)				
CAS/Compound ID:		001330207				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		9467				
Total Releases:		9467				
Sec 8 Releases:		9467				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		36501				
One-Time Release:		0				
Production Ratio:		2.42				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1393070080318				
Chemical:		N-BUTYL ALCOHOL				
CAS/Compound ID:		000071363				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		2520				
Total Releases:		2520				
Sec 8 Releases:		2520				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		9715				
One-Time Release:		0				
Production Ratio:		2.42				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1393070080371				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		56362				
Total Releases:		56362				
Sec 8 Releases:		56362				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		217315				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Production Ratio:		2.42				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1393070080344				
Chemical:		ETHYLBENZENE				
CAS/Compound ID:		000100414				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		1917				
Total Releases:		1917				
Sec 8 Releases:		1917				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		7393				
One-Time Release:		0				
Production Ratio:		2.42				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				

5	2 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
TRI Facility ID:	21219MRCNN2010R			Year:	1988	
BIA Code:				Tribe:		
Federal Facility:	NO			County:	BALTIMORE	
FRS ID:						

--Details--

Primary SIC:	3411
Primary NAICS:	332431
Document Number:	1388025398506
Chemical:	N-BUTYL ALCOHOL
CAS/Compound ID:	000071363
Clean Air Act?:	NO
Classification:	NON-PBT
Metal:	NO
Metal Category:	0
Carcinogen:	NO
Unit of Measure:	Pounds
On-Site Release Total:	16454
Total Releases:	16454
Sec 8 Releases:	0
On-site Contained:	0
On-Site Other:	0
On-site Energy Recovery:	0
On-Site Recycling:	0
On-Site Treatment:	0
Production Waste:	0
One-Time Release:	0
Production Ratio:	
Parent Company Name:	US CAN CORP
Parent Company DB No:	106938798
Primary SIC:	3411
Primary NAICS:	332431

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1388025398544				
Chemical:		XYLENE (MIXED ISOMERS)				
CAS/Compound ID:		001330207				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		45065				
Total Releases:		45065				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1388025398557				
Chemical:		DICHLOROMETHANE				
CAS/Compound ID:		000075092				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		YES				
Unit of Measure:		Pounds				
On-Site Release Total:		45103				
Total Releases:		45103				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1388025398518				
Chemical:		METHYL ISOBUTYL KETONE				
CAS/Compound ID:		000108101				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		18441				
Total Releases:		18441				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Production Ratio:
Parent Company Name: US CAN CORP
Parent Company DB No: 106938798

Primary SIC: 3411
Primary NAICS: 332431
Document Number: 1388025398532
Chemical: CERTAIN GLYCOL ETHERS
CAS/Compound ID: N230
Clean Air Act?: YES
Classification: NON-PBT
Metal: NO
Metal Category: 0
Carcinogen: NO
Unit of Measure: Pounds
On-Site Release Total: 37179
Total Releases: 37179
Sec 8 Releases: 0
On-site Contained: 0
On-Site Other: 0
On-site Energy Recovery: 0
On-Site Recycling: 0
On-Site Treatment: 0
Production Waste: 0
One-Time Release: 0

Production Ratio:
Parent Company Name: US CAN CORP
Parent Company DB No: 106938798

Primary SIC: 3411
Primary NAICS: 332431
Document Number: 1388025398520
Chemical: METHYL ETHYL KETONE
CAS/Compound ID: 000078933
Clean Air Act?: NO
Classification: NON-PBT
Metal: NO
Metal Category: 0
Carcinogen: NO
Unit of Measure: Pounds
On-Site Release Total: 19035
Total Releases: 19035
Sec 8 Releases: 0
On-site Contained: 0
On-Site Other: 0
On-site Energy Recovery: 0
On-Site Recycling: 0
On-Site Treatment: 0
Production Waste: 0
One-Time Release: 0

Production Ratio:
Parent Company Name: US CAN CORP
Parent Company DB No: 106938798

5	3 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
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TRI Facility ID:	21219MRCNN2010R	Year:	1992
BIA Code:		Tribe:	
Federal Facility:	NO	County:	BALTIMORE
FRS ID:			

--Details--
Primary SIC: 3411
Primary NAICS: 332431

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1392060069263				
Chemical:		XYLENE (MIXED ISOMERS)				
CAS/Compound ID:		001330207				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		3461				
Total Releases:		3461				
Sec 8 Releases:		3461				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		19082				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1392060069251				
Chemical:		METHYL ETHYL KETONE				
CAS/Compound ID:		000078933				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		3936				
Total Releases:		3936				
Sec 8 Releases:		3936				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		14675				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1392060069275				
Chemical:		METHYL ISOBUTYL KETONE				
CAS/Compound ID:		000108101				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		902				
Total Releases:		902				
Sec 8 Releases:		902				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		5161				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1392060069287				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		19615				
Total Releases:		19615				
Sec 8 Releases:		19615				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		91904				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				

5	4 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
TRI Facility ID:		21219MRCNN2010R			Year:	1997
BIA Code:		Tribe:				
Federal Facility:		County:				
FRS ID:		BALTIMORE				

--Details--						
Primary SIC:						
3411		Primary NAICS:				
332431		Document Number:				
1397115148532		Chemical:				
XYLENE (MIXED ISOMERS)		CAS/Compound ID:				
001330207		Clean Air Act?:				
YES		Classification:				
NON-PBT		Metal:				
NO		Metal Category:				
0		Carcinogen:				
NO		Unit of Measure:				
Pounds		On-Site Release Total:				
11236		Total Releases:				
11236		Sec 8 Releases:				
11236		On-site Contained:				
0		On-site Other:				
0		On-site Energy Recovery:				
0		On-Site Recycling:				
0		On-Site Treatment:				
0		Production Waste:				
38028		One-Time Release:				
0		Production Ratio:				
1.09		Parent Company Name:				
US CAN CORP		Parent Company DB No:				
106938798		Primary SIC:				
3411		Primary NAICS:				
332431						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1397115148520				
Chemical:		METHYL ISOBUTYL KETONE				
CAS/Compound ID:		000108101				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		8836				
Total Releases:		8836				
Sec 8 Releases:		8836				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		29906				
One-Time Release:		0				
Production Ratio:		1.09				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1397115148544				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		65418				
Total Releases:		65418				
Sec 8 Releases:		65418				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		221406				
One-Time Release:		0				
Production Ratio:		1.09				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1397115148518				
Chemical:		ETHYLBENZENE				
CAS/Compound ID:		000100414				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		1528				
Total Releases:		1528				
Sec 8 Releases:		1528				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		5171				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Production Ratio:		1.09				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1397115148506				
Chemical:		N-BUTYL ALCOHOL				
CAS/Compound ID:		000071363				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		5466				
Total Releases:		5466				
Sec 8 Releases:		5466				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		18501				
One-Time Release:		0				
Production Ratio:		1.09				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1397115148569				
Chemical:		1,2,4-TRIMETHYLBENZENE				
CAS/Compound ID:		000095636				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		2269				
Total Releases:		2269				
Sec 8 Releases:		2270				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		7682				
One-Time Release:		0				
Production Ratio:		1.09				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1397115148557				
Chemical:		NAPHTHALENE				
CAS/Compound ID:		000091203				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		1105				
Total Releases:		1105				
Sec 8 Releases:		1104				
On-site Contained:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	3738					
One-Time Release:	0					
Production Ratio:	1.09					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					

5	5 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
TRI Facility ID:	21219MRCNN2010R			Year:	1998	
BIA Code:				Tribe:		
Federal Facility:	NO			County:	BALTIMORE	
FRS ID:						

--Details--

Primary SIC: 3411
 Primary NAICS: 332431
 Document Number: 1398120649759
 Chemical: CERTAIN GLYCOL ETHERS
 CAS/Compound ID: N230
 Clean Air Act?: YES
 Classification: NON-PBT
 Metal: NO
 Metal Category: 0
 Carcinogen: NO
 Unit of Measure: Pounds
 On-Site Release Total: 2161
 Total Releases: 2161
 Sec 8 Releases: 2161
 On-site Contained: 0
 On-Site Other: 0
 On-site Energy Recovery: 0
 On-Site Recycling: 0
 On-Site Treatment: 0
 Production Waste: 21674
 One-Time Release: 0
 Production Ratio: .07
 Parent Company Name: US CAN CORP
 Parent Company DB No: 106938798

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TRI Facility ID:	21219MRCNN2010R			Year:	1995	
BIA Code:				Tribe:		
Federal Facility:	NO			County:	BALTIMORE	
FRS ID:						

--Details--

Primary SIC: 3411
 Primary NAICS: 332431
 Document Number: 1395090297920
 Chemical: NAPHTHALENE
 CAS/Compound ID: 000091203
 Clean Air Act?: YES
 Classification: NON-PBT
 Metal: NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Metal Category:	0					
Carcinogen:	NO					
Unit of Measure:	Pounds					
On-Site Release Total:	1615					
Total Releases:	1615					
Sec 8 Releases:	1615					
On-site Contained:	0					
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	6200					
One-Time Release:	0					
Production Ratio:	.79					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
Primary SIC:	3411					
Primary NAICS:	332431					
Document Number:	1395090297918					
Chemical:	METHYL ETHYL KETONE					
CAS/Compound ID:	000078933					
Clean Air Act?:	NO					
Classification:	NON-PBT					
Metal:	NO					
Metal Category:	0					
Carcinogen:	NO					
Unit of Measure:	Pounds					
On-Site Release Total:	14893					
Total Releases:	14893					
Sec 8 Releases:	14892					
On-site Contained:	0					
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	57178					
One-Time Release:	0					
Production Ratio:	.79					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
Primary SIC:	3411					
Primary NAICS:	332431					
Document Number:	1395090297932					
Chemical:	ETHYLBENZENE					
CAS/Compound ID:	000100414					
Clean Air Act?:	YES					
Classification:	NON-PBT					
Metal:	NO					
Metal Category:	0					
Carcinogen:	NO					
Unit of Measure:	Pounds					
On-Site Release Total:	2233					
Total Releases:	2233					
Sec 8 Releases:	2233					
On-site Contained:	0					
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	8574					
One-Time Release:	0					
Production Ratio:	.79					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
Primary SIC:	3411					
Primary NAICS:	332431					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1395090297969				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		53135				
Total Releases:		53135				
Sec 8 Releases:		53145				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		204017				
One-Time Release:		0				
Production Ratio:		.79				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1395090297944				
Chemical:		METHYL ISOBUTYL KETONE				
CAS/Compound ID:		000108101				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		10201				
Total Releases:		10201				
Sec 8 Releases:		10200				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		39163				
One-Time Release:		0				
Production Ratio:		.79				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1395090297906				
Chemical:		N-BUTYL ALCOHOL				
CAS/Compound ID:		000071363				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		3584				
Total Releases:		3584				
Sec 8 Releases:		3584				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		13761				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Production Ratio:		.79				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1395090297957				
Chemical:		XYLENE (MIXED ISOMERS)				
CAS/Compound ID:		001330207				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		11704				
Total Releases:		11704				
Sec 8 Releases:		11704				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		44936				
One-Time Release:		0				
Production Ratio:		.79				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				

5	7 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
TRI Facility ID:	21219MRCNN2010R			Year:	1996	
BIA Code:				Tribe:		
Federal Facility:	NO			County:	BALTIMORE	
FRS ID:						

--Details--

Primary SIC:	3411
Primary NAICS:	332431
Document Number:	1396105329066
Chemical:	XYLENE (MIXED ISOMERS)
CAS/Compound ID:	001330207
Clean Air Act?:	YES
Classification:	NON-PBT
Metal:	NO
Metal Category:	0
Carcinogen:	NO
Unit of Measure:	Pounds
On-Site Release Total:	17235
Total Releases:	17235
Sec 8 Releases:	17235
On-site Contained:	0
On-Site Other:	0
On-site Energy Recovery:	0
On-Site Recycling:	0
On-Site Treatment:	0
Production Waste:	77031
One-Time Release:	0
Production Ratio:	1.14
Parent Company Name:	US CAN CORP
Parent Company DB No:	106938798
Primary SIC:	3411
Primary NAICS:	332431

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1396105329054				
Chemical:		METHYL ISOBUTYL KETONE				
CAS/Compound ID:		000108101				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		8158				
Total Releases:		8158				
Sec 8 Releases:		8157				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		36459				
One-Time Release:		0				
Production Ratio:		1.14				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1396105329078				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		59894				
Total Releases:		59894				
Sec 8 Releases:		59893				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		267693				
One-Time Release:		0				
Production Ratio:		1.14				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1396105329039				
Chemical:		N-BUTYL ALCOHOL				
CAS/Compound ID:		000071363				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		4124				
Total Releases:		4124				
Sec 8 Releases:		4124				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		18432				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Production Ratio:		1.14				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1396105329041				
Chemical:		ETHYLBENZENE				
CAS/Compound ID:		000100414				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		2052				
Total Releases:		2052				
Sec 8 Releases:		2052				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		9170				
One-Time Release:		0				
Production Ratio:		1.14				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				

5	8 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
TRI Facility ID:		21219MRCNN2010R		Year:	1991	
BIA Code:				Tribe:		
Federal Facility:		NO		County:	BALTIMORE	
FRS ID:						

--Details--

Primary SIC: 3411
Primary NAICS: 332431
Document Number: 1391055352823
Chemical: TOLUENE
CAS/Compound ID: 000108883
Clean Air Act?: YES
Classification: NON-PBT
Metal: NO
Metal Category: 0
Carcinogen: NO
Unit of Measure: Pounds
On-Site Release Total: 34186
Total Releases: 34186
Sec 8 Releases: 34000
On-site Contained: 0
On-Site Other: 0
On-site Energy Recovery: 0
On-Site Recycling: 0
On-Site Treatment: 39000
Production Waste: 75000
One-Time Release: 0
Production Ratio: .82
Parent Company Name: US CAN CORP
Parent Company DB No: 106938798

Primary SIC: 3411
Primary NAICS: 332431

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1391055352811				
Chemical:		1,2,4-TRIMETHYLBENZENE				
CAS/Compound ID:		000095636				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		2279				
Total Releases:		2279				
Sec 8 Releases:		2300				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		11000				
Production Waste:		13800				
One-Time Release:		0				
Production Ratio:		.82				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1391055352785				
Chemical:		XYLENE (MIXED ISOMERS)				
CAS/Compound ID:		001330207				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		24660				
Total Releases:		24660				
Sec 8 Releases:		25000				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		115000				
Production Waste:		146400				
One-Time Release:		0				
Production Ratio:		.82				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1391055352797				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		26191				
Total Releases:		26191				
Sec 8 Releases:		26000				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		120000				
Production Waste:		152300				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Production Ratio:		.82
Parent Company Name:		US CAN CORP
Parent Company DB No:		106938798
Primary SIC:		3411
Primary NAICS:		332431
Document Number:		1391055352773
Chemical:		METHYL ISOBUTYL KETONE
CAS/Compound ID:		000108101
Clean Air Act?:		YES
Classification:		NON-PBT
Metal:		NO
Metal Category:		0
Carcinogen:		NO
Unit of Measure:		Pounds
On-Site Release Total:		13943
Total Releases:		13943
Sec 8 Releases:		14000
On-site Contained:		0
On-Site Other:		0
On-site Energy Recovery:		0
On-Site Recycling:		0
On-Site Treatment:		65000
Production Waste:		82300
One-Time Release:		0
Production Ratio:		.82
Parent Company Name:		US CAN CORP
Parent Company DB No:		106938798

Primary SIC:		3411
Primary NAICS:		332431
Document Number:		1391055352809
Chemical:		N-BUTYL ALCOHOL
CAS/Compound ID:		000071363
Clean Air Act?:		NO
Classification:		NON-PBT
Metal:		NO
Metal Category:		0
Carcinogen:		NO
Unit of Measure:		Pounds
On-Site Release Total:		9006
Total Releases:		9006
Sec 8 Releases:		9000
On-site Contained:		0
On-Site Other:		0
On-site Energy Recovery:		0
On-Site Recycling:		0
On-Site Treatment:		42000
Production Waste:		53100
One-Time Release:		0
Production Ratio:		.82
Parent Company Name:		US CAN CORP
Parent Company DB No:		106938798

5	9 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
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TRI Facility ID:	21219MRCNN2010R	Year:	1994
BIA Code:		Tribe:	
Federal Facility:	NO	County:	BALTIMORE
FRS ID:			

--Details--

Primary SIC:	3411
Primary NAICS:	332431

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1394080391360				
Chemical:		ETHYLBENZENE				
CAS/Compound ID:		000100414				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		2497				
Total Releases:		2497				
Sec 8 Releases:		2496				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		8562				
One-Time Release:		0				
Production Ratio:		1.29				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1394080391384				
Chemical:		XYLENE (MIXED ISOMERS)				
CAS/Compound ID:		001330207				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		13496				
Total Releases:		13496				
Sec 8 Releases:		13496				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		46293				
One-Time Release:		0				
Production Ratio:		1.29				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1394080391345				
Chemical:		METHYL ETHYL KETONE				
CAS/Compound ID:		000078933				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		22008				
Total Releases:		22008				
Sec 8 Releases:		22008				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		75490				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Production Ratio:		1.29				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1394080391701				
Chemical:		1,2,4-TRIMETHYLBENZENE				
CAS/Compound ID:		000095636				
Clean Air Act?:		NO				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		1607				
Total Releases:		1607				
Sec 8 Releases:		1606				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		5510				
One-Time Release:		0				
Production Ratio:		1.29				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1394080391358				
Chemical:		NAPHTHALENE				
CAS/Compound ID:		000091203				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		2799				
Total Releases:		2799				
Sec 8 Releases:		2799				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		9601				
One-Time Release:		0				
Production Ratio:		1.29				
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1394080391396				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		78352				
Total Releases:		78352				
Sec 8 Releases:		78352				
On-site Contained:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	268754					
One-Time Release:	0					
Production Ratio:	1.29					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
Primary SIC:	3411					
Primary NAICS:	332431					
Document Number:	1394080391372					
Chemical:	METHYL ISOBUTYL KETONE					
CAS/Compound ID:	000108101					
Clean Air Act?:	YES					
Classification:	NON-PBT					
Metal:	NO					
Metal Category:	0					
Carcinogen:	NO					
Unit of Measure:	Pounds					
On-Site Release Total:	11441					
Total Releases:	11441					
Sec 8 Releases:	11441					
On-site Contained:	0					
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	39243					
One-Time Release:	0					
Production Ratio:	1.29					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
Primary SIC:	3411					
Primary NAICS:	332431					
Document Number:	1394080391333					
Chemical:	N-BUTYL ALCOHOL					
CAS/Compound ID:	000071363					
Clean Air Act?:	NO					
Classification:	NON-PBT					
Metal:	NO					
Metal Category:	0					
Carcinogen:	NO					
Unit of Measure:	Pounds					
On-Site Release Total:	2693					
Total Releases:	2693					
Sec 8 Releases:	2692					
On-site Contained:	0					
On-Site Other:	0					
On-site Energy Recovery:	0					
On-Site Recycling:	0					
On-Site Treatment:	0					
Production Waste:	9234					
One-Time Release:	0					
Production Ratio:	1.29					
Parent Company Name:	US CAN CORP					
Parent Company DB No:	106938798					
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5	10 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
TRI Facility ID:	21219MRCNN2010R			Year:	1987	
BIA Code:				Tribe:		
Federal Facility:	NO			County:	BALTIMORE	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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FRS ID:

--Details--

Primary SIC: 3411
 Primary NAICS:
 Document Number: 1387010132898
 Chemical: CERTAIN GLYCOL ETHERS
 CAS/Compound ID: N230
 Clean Air Act?: YES
 Classification: NON-PBT
 Metal: NO
 Metal Category: 0
 Carcinogen: NO
 Unit of Measure: Pounds
 On-Site Release Total: 32593
 Total Releases: 32593
 Sec 8 Releases: 0
 On-site Contained: 0
 On-Site Other: 0
 On-site Energy Recovery: 0
 On-Site Recycling: 0
 On-Site Treatment: 0
 Production Waste: 0
 One-Time Release: 0
 Production Ratio:
 Parent Company Name: US CAN CORP
 Parent Company DB No: 106938798

5	11 of 12	SSW	0.01 / 76.34	6.62 / 6	U.S. CAN CO., PLANT 32 2010 RESERVOIR RD. SPARROWS POINT MD 21219	TRIS
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TRI Facility ID: 21219MRCNN2010R
 BIA Code:
 Federal Facility: NO
 FRS ID:
 Year: 1989
 Tribe:
 County: BALTIMORE

--Details--

Primary SIC: 3411
 Primary NAICS: 332431
 Document Number: 1389035318803
 Chemical: N-BUTYL ALCOHOL
 CAS/Compound ID: 000071363
 Clean Air Act?: NO
 Classification: NON-PBT
 Metal: NO
 Metal Category: 0
 Carcinogen: NO
 Unit of Measure: Pounds
 On-Site Release Total: 29996
 Total Releases: 29996
 Sec 8 Releases: 0
 On-site Contained: 0
 On-Site Other: 0
 On-site Energy Recovery: 0
 On-Site Recycling: 0
 On-Site Treatment: 0
 Production Waste: 0
 One-Time Release: 0
 Production Ratio:
 Parent Company Name: US CAN CORP
 Parent Company DB No: 106938798

Primary SIC: 3411
 Primary NAICS: 332431

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1389035318827				
Chemical:		TOLUENE				
CAS/Compound ID:		000108883				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		47708				
Total Releases:		47708				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1389035318839				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		15992				
Total Releases:		15992				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1389035317130				
Chemical:		XYLENE (MIXED ISOMERS)				
CAS/Compound ID:		001330207				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		61735				
Total Releases:		61735				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC: 3411						
Primary NAICS: 332431						
Document Number: 1389035318841						
Chemical: DICHLOROMETHANE						
CAS/Compound ID: 000075092						
Clean Air Act?: YES						
Classification: NON-PBT						
Metal: NO						
Metal Category: 0						
Carcinogen: YES						
Unit of Measure: Pounds						
On-Site Release Total: 5604						
Total Releases: 5604						
Sec 8 Releases: 0						
On-site Contained: 0						
On-Site Other: 0						
On-site Energy Recovery: 0						
On-Site Recycling: 0						
On-Site Treatment: 0						
Production Waste: 0						
One-Time Release: 0						
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC: 3411						
Primary NAICS: 332431						
Document Number: 1389035318815						
Chemical: METHYL ISOBUTYL KETONE						
CAS/Compound ID: 000108101						
Clean Air Act?: YES						
Classification: NON-PBT						
Metal: NO						
Metal Category: 0						
Carcinogen: NO						
Unit of Measure: Pounds						
On-Site Release Total: 24114						
Total Releases: 24114						
Sec 8 Releases: 0						
On-site Contained: 0						
On-Site Other: 0						
On-site Energy Recovery: 0						
On-Site Recycling: 0						
On-Site Treatment: 0						
Production Waste: 0						
One-Time Release: 0						
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Number:		1390045375666				
Chemical:		TOLUENE				
CAS/Compound ID:		000108883				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		33086				
Total Releases:		33086				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1390045375639				
Chemical:		XYLENE (MIXED ISOMERS)				
CAS/Compound ID:		001330207				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		51327				
Total Releases:		51327				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				
Production Ratio:						
Parent Company Name:		US CAN CORP				
Parent Company DB No:		106938798				
Primary SIC:		3411				
Primary NAICS:		332431				
Document Number:		1390045375654				
Chemical:		CERTAIN GLYCOL ETHERS				
CAS/Compound ID:		N230				
Clean Air Act?:		YES				
Classification:		NON-PBT				
Metal:		NO				
Metal Category:		0				
Carcinogen:		NO				
Unit of Measure:		Pounds				
On-Site Release Total:		36665				
Total Releases:		36665				
Sec 8 Releases:		0				
On-site Contained:		0				
On-Site Other:		0				
On-site Energy Recovery:		0				
On-Site Recycling:		0				
On-Site Treatment:		0				
Production Waste:		0				
One-Time Release:		0				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Production Ratio:	
Parent Company Name:	US CAN CORP
Parent Company DB No:	106938798
Primary SIC: 3411	
Primary NAICS:	332431
Document Number:	1390045375641
Chemical:	N-BUTYL ALCOHOL
CAS/Compound ID:	000071363
Clean Air Act?:	NO
Classification:	NON-PBT
Metal:	NO
Metal Category:	0
Carcinogen:	NO
Unit of Measure:	Pounds
On-Site Release Total:	18409
Total Releases:	18409
Sec 8 Releases:	0
On-site Contained:	0
On-Site Other:	0
On-site Energy Recovery:	0
On-Site Recycling:	0
On-Site Treatment:	0
Production Waste:	0
One-Time Release:	0
Production Ratio:	
Parent Company Name:	US CAN CORP
Parent Company DB No:	106938798
Primary SIC: 3411	
Primary NAICS:	332431
Document Number:	1390045375627
Chemical:	METHYL ISOBUTYL KETONE
CAS/Compound ID:	000108101
Clean Air Act?:	YES
Classification:	NON-PBT
Metal:	NO
Metal Category:	0
Carcinogen:	NO
Unit of Measure:	Pounds
On-Site Release Total:	15977
Total Releases:	15977
Sec 8 Releases:	0
On-site Contained:	0
On-Site Other:	0
On-site Energy Recovery:	0
On-Site Recycling:	0
On-Site Treatment:	0
Production Waste:	0
One-Time Release:	0
Production Ratio:	
Parent Company Name:	US CAN CORP
Parent Company DB No:	106938798

6	1 of 2	ESE	0.12 / 636.05	22.08 / 22	Lafarge Building Materials, Inc. 950 Wharf Rd Gate 15b Sparrows Point MD 21219	AST
AI ID: 3830		County: Baltimore				
Contact Name: Paul Parker		Owner Name: Lafarge Building Materials, Inc.				
Cont Addr Line 1: 2001 Wharf Rd		Owner Municip: Sparrows Point				
Contact Municip: Sparrows Point		Owner Addr Line 1: 2001 Wharf Rd				
Contact State: MD		Owner Addr Line 2:				
Contact Zip: 21219		Owner State: MD				
Contact Phone:		Owner Zip: 21219				
Physical Addr Line 3:		Owner Phone: 410-388-1177 X-201				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
--Details--						
Tank ID:	AST 1				Product:	Gear Oil
Permit No:	2013-OPT-3008				Product Description:	300 Gallon Lubricating Oil
Permit Status:	History				Effective Start Date:	11/20/2012
Permit Type:	Oil Operations				Effective End Date:	11/21/2017
Capacity:	300					
Tank ID:	AST 3				Product:	N/A
Permit No:	2013-OPT-3008				Product Description:	300 Gallon Motor Oil
Permit Status:	History				Effective Start Date:	1/18/2008
Permit Type:	Oil Operations				Effective End Date:	1/18/2013
Capacity:	300					
Tank ID:	AST 7				Product:	N/A
Permit No:	2008-OPT-3008				Product Description:	275 Gallon Used Oil
Permit Status:	History				Effective Start Date:	1/18/2008
Permit Type:	Oil Operations				Effective End Date:	1/18/2013
Capacity:	275					
Tank ID:	AST 15				Product:	Gasoline
Permit No:	2013-OPT-3008				Product Description:	550 Gallon Gasoline
Permit Status:	History				Effective Start Date:	11/20/2012
Permit Type:	Oil Operations				Effective End Date:	11/21/2017
Capacity:	550					
Tank ID:	AST 7				Product:	Used Oil
Permit No:	2013-OPT-3008				Product Description:	275 Gallon Used Oil
Permit Status:	History				Effective Start Date:	11/20/2012
Permit Type:	Oil Operations				Effective End Date:	11/21/2017
Capacity:	275					
Tank ID:	AST 15				Product:	N/A
Permit No:	2008-OPT-3008				Product Description:	550 Gallon Gasoline
Permit Status:	History				Effective Start Date:	1/18/2008
Permit Type:	Oil Operations				Effective End Date:	1/18/2013
Capacity:	550					
Tank ID:	AST 4				Product:	N/A
Permit No:	2008-OPT-3008				Product Description:	300 Gallon Motor Oil
Permit Status:	History				Effective Start Date:	1/18/2008
Permit Type:	Oil Operations				Effective End Date:	1/18/2013
Capacity:	300					
Tank ID:	AST 5				Product:	N/A
Permit No:	2008-OPT-3008				Product Description:	300 Gallon Transmission Oil
Permit Status:	History				Effective Start Date:	1/18/2008
Permit Type:	Oil Operations				Effective End Date:	1/18/2013
Capacity:	300					
Tank ID:	AST 8				Product:	N/A
Permit No:	2008-OPT-3008				Product Description:	1000 Gallon Diesel Fuel
Permit Status:	History				Effective Start Date:	1/18/2008
Permit Type:	Oil Operations				Effective End Date:	1/18/2013
Capacity:	1000					
Tank ID:	AST 5				Product:	Transmission Oil
Permit No:	2013-OPT-3008				Product Description:	300 Gallon Transmission Oil
Permit Status:	History				Effective Start Date:	11/20/2012
Permit Type:	Oil Operations				Effective End Date:	11/21/2017
Capacity:	300					
Tank ID:	AST 13				Product:	N/A
Permit No:	2008-OPT-3008				Product Description:	15000 Gallon Used Oil
Permit Status:	History				Effective Start Date:	1/18/2008
Permit Type:	Oil Operations				Effective End Date:	1/18/2013
Capacity:	15000					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank ID: Permit No: Permit Status: Permit Type: Capacity:	AST 3 2013-OPT-3008 History Oil Operations 300				Product: Product Description: Effective Start Date: Effective End Date:	Motor Oil 300 Gallon Motor Oil 11/20/2012 11/21/2017
Tank ID: Permit No: Permit Status: Permit Type: Capacity:	AST 8 2013-OPT-3008 History Oil Operations 1000				Product: Product Description: Effective Start Date: Effective End Date:	Diesel Fuel 1000 Gallon Diesel Fuel 11/20/2012 11/21/2017
Tank ID: Permit No: Permit Status: Permit Type: Capacity:	AST 14 2008-OPT-3008 History Oil Operations 15000				Product: Product Description: Effective Start Date: Effective End Date:	N/A 15000 Gallon Used Oil 1/18/2008 1/18/2013
Tank ID: Permit No: Permit Status: Permit Type: Capacity:	AST 2 2008-OPT-3008 History Oil Operations 300				Product: Product Description: Effective Start Date: Effective End Date:	N/A 300 Gallon Gear Oil 1/18/2008 1/18/2013
Tank ID: Permit No: Permit Status: Permit Type: Capacity:	AST 14 2013-OPT-3008 History Oil Operations 15000				Product: Product Description: Effective Start Date: Effective End Date:	Used Oil 15000 Gallon Used Oil 11/20/2012 11/21/2017
Tank ID: Permit No: Permit Status: Permit Type: Capacity:	AST 2 2013-OPT-3008 History Oil Operations 300				Product: Product Description: Effective Start Date: Effective End Date:	Gear Oil 300 Gallon Gear Oil 11/20/2012 11/21/2017
Tank ID: Permit No: Permit Status: Permit Type: Capacity:	AST 13 2013-OPT-3008 History Oil Operations 15000				Product: Product Description: Effective Start Date: Effective End Date:	Used Oil 15000 Gallon Used Oil 11/20/2012 11/21/2017
Tank ID: Permit No: Permit Status: Permit Type: Capacity:	AST 4 2013-OPT-3008 History Oil Operations 300				Product: Product Description: Effective Start Date: Effective End Date:	Lubricating Oil 300 Gallon Motor Oil 11/20/2012 11/21/2017
6	2 of 2	ESE	0.12 / 636.05	22.08 / 22	BLUE CIRCLE CONCRETE 950 WHARF RD SPARROWS POINT MD 21219	OCP
Case No: Reg No: Status: Code: Code Desc: Release: Cleanup: Date Open: Date Closed: County:	97-1093BA4 13151 CLOSED B-8 Tank Closure - Motor/Lube YES YES 12/10/1996 1/29/1997 BALTIMORE COUNTY					
7	1 of 1	SE	0.25 / 1,305.42	17.64 / 17	Maintenamce of Way Tie Yard Sparrows Pt. Blvd. And Wharf	UST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Road						
Sparrows Point MD 21219						
Owner ID:	10884			Owner City:	Sparrows Point	
Facility ID:	16357			Owner State:	MD	
Form Title:	Chief Engineer			Owner Zip:	21219	
Form Date:	4/23/1986			Owner Phone:	(301) 388-4808	
Form Name:	D. L. Rauch			Owner Contact:	D. M. Meding Track Supervisor	
County:	Baltimore			Location Phone:	(301) 388-4808	
Name:	Patapsco and Back Rivers Railroad Company			Oper First Name:	D.M.	
Owner Address:	P.O. Box 6695			Oper Last Name:	Meding	
--Details--						
Tank ID:	1			Gallons:	12000	
Tank Status:	Permanently Out of Use			Substance Desc:	Gasoline	
Date Installed:	4/1/1979			Comp Comprtmtnt:	A	
Tank Compartment:	FALSE			Pipe Mat Desc:	No Piping	
Tank Mat Desc:	Fiberglass Reinforced Plastic					
8	1 of 1	ESE	0.27 / 1,450.94	19.52 / 19	THE NELSON CO 2116 SPARROWS POINT RD BALTIMORE MD 21219	OCP
Case No:	00-0551BA4					
Reg No:	10584					
Status:	CLOSED					
Code:	B-8					
Code Desc:	Tank Closure - Motor/Lube					
Release:	YES					
Cleanup:	YES					
Date Open:	9/22/1999					
Date Closed:	8/4/2004					
County:	BALTIMORE COUNTY					
9	1 of 1	ESE	0.28 / 1,500.16	19.79 / 19	DOUG'S TRUCK & AUTO 2111 SPARROWS POINT RD BALTIMORE MD 21219	OCP
Case No:	09-0676BA					
Reg No:						
Status:	CLOSED					
Code:	A-4					
Code Desc:	Dumping					
Release:	YES					
Cleanup:	YES					
Date Open:	5/1/2009					
Date Closed:	6/1/2011					
County:	BALTIMORE COUNTY					
10	1 of 3	ENE	0.35 / 1,825.42	14.68 / 14	DIETRICH INDUSTRIES INC 8911 BETHLEHEM BLVD BALTIMORE MD 21219	OCP
Case No:	93-1943BA4					
Reg No:	18340					
Status:	CLOSED					
Code:						
Code Desc:						
Release:						
Cleanup:						
Date Open:	4/8/1993					
Date Closed:	4/9/1993					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County:		BALTIMORE COUNTY				
10	2 of 3	ENE	0.35 / 1,825.42	14.68 / 14	DIETRICH INDUSTRIES INC 8911 BETHLEHEM BLVD SPARROWS POINT MD 21219	OCP
Case No:		7-0418BA				
Reg No:		18340				
Status:		CLOSED				
Code:						
Code Desc:						
Release:						
Cleanup:						
Date Open:		8/4/1986				
Date Closed:		10/2/1986				
County:		BALTIMORE COUNTY				
10	3 of 3	ENE	0.35 / 1,825.42	14.68 / 14	DIETRICH INDUSTRIES INC 8911 BETHLEHEM BLVD BALTIMORE MD 21219	OCP
Case No:		06-0481BA2				
Reg No:						
Status:		CLOSED				
Code:		A-4				
Code Desc:		Dumping				
Release:		NO				
Cleanup:		NO				
Date Open:		12/1/2005				
Date Closed:		2/6/2006				
County:		BALTIMORE COUNTY				
11	1 of 2	NE	0.44 / 2,301.65	21.19 / 21	AMERICAN NATIONAL CAN 2010 RESERVOIR RD SPARROWS POINT MD 21219	OCP
Case No:		92-1684BA4				
Reg No:		8529				
Status:		CLOSED				
Code:						
Code Desc:						
Release:						
Cleanup:						
Date Open:		1/28/1992				
Date Closed:		4/9/1993				
County:		BALTIMORE COUNTY				
11	2 of 2	NE	0.44 / 2,301.65	21.19 / 21	2010 Reservoir Road 2010 Reservoir Road Sparrows Point MD 21219	SHWS
BMI No:		MD1805		Soil Chlorina:		
Table Sites ID:		1998		Soil Petroleum:		
EPA ID:				Soil Metals:		
Tax ID:				Soil Pesticide:		
Tax Map No:		0111		Soil PCB:		
File Available E:		No		Soil PAH:		
Brownfield:		No		SED Chlorina:		
Site Assess:		No		SED Petroleum:		
FUD:		No		SED Metals:		
Federal Facility:		No		SED Pesticide:		
GWI:		No		SED PCB:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
NPL:	No				SED PAH:	No
VCP:	No				SW Chlorina:	No
Assessment:	No				SW Petroleum:	No
Remediation:	No				SW Metals:	No
Withdrawn:	No				SW PCB:	No
Det Issued:	No				SW PAH:	No
Archived:	No				X83:	
GW Chlorina:	No				Y83:	
GW Petroleum:	No				Block:	
GW Metals:	Yes				CHS Oversig:	Yes
GW PCB:	No				Enforc Ongo:	No
GW Pesticide:	No				Boundary We:	
SW Pesticide:	No				Parcel No:	0348
GW PAH:	No				Lot No:	
Create Dat:					Acreage:	15.945
Created by:					Regulatory:	
Adja Cent 1:					State:	Maryland
Adja Centre:					County:	Baltimore County
Fact Link:		Fact Sheet Not Available.				
Site Alias:		American National Can Company				
Notes:						

Applicant Entity

Part Status:	Sign Post Dt:
App City:	Dt Pub Meet:
App State:	End Cmmt Prd:
App Zipcode:	Dt App Acpt:
App Acre:	Dt RAP Sub:
App Withdraw:	Dt RAP Accpt:
Dt Withdraw:	Dt Determ:
Dt App Subm:	Determ Type:
Land Use:	
App Name:	
App Address:	
Notes:	

12	1 of 2	E	0.45 / 2,388.45	19.43 / 19	ISG SPARROWS PT PLANT GARAGE 5111 NORTH POINT BLVD SPARROWS POINT MD 21219	OCP
Case No:	04-2134BA4					
Reg No:	4513					
Status:	CLOSED					
Code:	B-1					
Code Desc:	Test Failure - Motor/Lube Oil					
Release:	YES					
Cleanup:	YES					
Date Open:	6/24/2004					
Date Closed:	9/15/2004					
County:	BALTIMORE COUNTY					
12	2 of 2	E	0.45 / 2,388.45	19.43 / 19	ISG SPARROWS POINT INC 5111 NORTH POINT BLVD SPARROWS POINT MD 21219	OCP
Case No:	04-2167BA4					
Reg No:	4513					
Status:	CANCELLED					
Code:	B-1					
Code Desc:	Test Failure - Motor/Lube Oil					
Release:	YES					
Cleanup:						
Date Open:	6/24/2004					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<div>Date Closed:</div> <div>County: BALTIMORE COUNTY</div>						
13	1 of 1	E	0.46 / 2,413.19	22.28 / 22	7-ELEVEN #38196 5230 NORTH POINT BLVD EDGEMERE MD 21219	OCP
<div>Case No:</div> <div>Reg No:</div> <div>Status:</div> <div>Code:</div> <div>Code Desc:</div> <div>Release:</div> <div>Cleanup:</div> <div>Date Open:</div> <div>Date Closed:</div> <div>County:</div>		<div>17-0574BA</div> <div>20772</div> <div>CLOSED</div> <div>C-1</div> <div>New Installation - Motor/Lube Oil</div> <div>NO</div> <div>4/13/2017</div> <div>8/29/2017</div> <div>BALTIMORE COUNTY</div>				
14	1 of 1	E	0.46 / 2,422.23	22.67 / 22	EDGEMERE AUTO WELDING & FIBERGLASS SERVICE 5220 NORTH POINT BLVD EDGEMERE MD 21219	OCP
<div>Case No:</div> <div>Reg No:</div> <div>Status:</div> <div>Code:</div> <div>Code Desc:</div> <div>Release:</div> <div>Cleanup:</div> <div>Date Open:</div> <div>Date Closed:</div> <div>County:</div>		<div>9-1304BA1</div> <div>CLOSED</div> <div></div> <div></div> <div></div> <div></div> <div>2/22/1989</div> <div>2/28/1991</div> <div>BALTIMORE COUNTY</div>				
15	1 of 1	E	0.46 / 2,445.93	19.93 / 20	MICKY'S CITGO 5130 (5200) NORTH POINT RD BALTIMORE MD 21219	OCP
<div>Case No:</div> <div>Reg No:</div> <div>Status:</div> <div>Code:</div> <div>Code Desc:</div> <div>Release:</div> <div>Cleanup:</div> <div>Date Open:</div> <div>Date Closed:</div> <div>County:</div>		<div>92-1785BA4</div> <div>6342</div> <div>CLOSED</div> <div></div> <div></div> <div></div> <div>2/26/1992</div> <div>7/6/1994</div> <div>BALTIMORE COUNTY</div>				
16	1 of 1	NW	0.62 / 3,269.80	9.19 / 9	Maryland Department of Transportation Sparrows Point MD Route 157 (Peninsula Boulevard) Baltimore MD 21219	SHWS
<div>BMI No:</div> <div>Table Sites ID:</div> <div>EPA ID:</div> <div>Tax ID:</div> <div>Tax Map No:</div> <div>File Available E:</div> <div>Brownfield:</div>		<div>MD0730</div> <div>74</div> <div></div> <div></div> <div>No</div> <div>No</div>		<div>Soil Chlorina:</div> <div>Soil Petroleum:</div> <div>Soil Metals:</div> <div>Soil Pesticide:</div> <div>Soil PCB:</div> <div>Soil PAH:</div> <div>SED Chlorina:</div> <div>No</div> <div>No</div> <div>No</div> <div>No</div> <div>No</div> <div>No</div>		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Assess:	No				SED Petroleum:	No
FUD:	No				SED Metals:	No
Federal Facility:	No				SED Pesticide:	No
GW:	No				SED PCB:	No
NPL:	No				SED PAH:	No
VCP:	No				SW Chlorina:	No
Assessment:	No				SW Petroleum:	No
Remediation:	No				SW Metals:	No
Withdrawn:	No				SW PCB:	No
Det Issued:	No				SW PAH:	No
Archived:	No				X83:	
GW Chlorina:	No				Y83:	
GW Petroleum:	No				Block:	
GW Metals:	No				CHS Oversig:	No
GW PCB:	No				Enforc Ongo:	No
GW Pesticide:	No				Boundary We:	
SW Pesticide:	No				Parcel No:	
GW PAH:	No				Lot No:	
Create Dat:					Acreage:	0
Created by:					Regulatory:	
Adja Cent 1:					State:	Maryland
Adja Centre:					County:	Baltimore County
Fact Link:		No Fact Sheet Available.				
Site Alias:						
Notes:						

Applicant Entity

Part Status:
 App City:
 App State:
 App Zipcode:
 App Acre:
 App Withdraw:
 Dt Withdraw:
 Dt App Subm:
 Land Use:
 App Name:
 App Address:
 Notes:

Sign Post Dt:
 Dt Pub Meet:
 End Cmmt Prd:
 Dt App Acpt:
 Dt RAP Sub:
 Dt RAP Accpt:
 Dt Determ:
 Determ Type:

17	1 of 1	NW	0.62 / 3,279.57	9.27 / 9	Maryland Dept of Transportation Sparrows Point Md Route 157 (Peninsula Boulevard) Baltimore MD 21219	DSHW
Table Sites ID:	0				State Master:	No
BMI No:	MD1333				Non Master:	Yes
MD No:					Federal Facility:	No
Object ID:					Parcel No:	
Factsheet ID:	83				Primary Con:	
EPA ID:					Project Mgr:	
Brownfield:	No				Regulatory:	
Site Assess:	No				Tax ID:	
FUD:	No				Tax Map No:	
GW:	No				Tbl LRP Site:	
NPL:	No				Update Dat:	
VCP:	No				Updated by:	
Assessment:	No				Vapor Intru:	
Remediation:	No				Lot No:	
Withdrawn:	No				LRP Sites B:	
Det Issued:	No				Program:	
GW Chlorina:	No				Fiscal Yr 1:	
GW Petroleum:	No				Fiscal Year:	
GW Metals:	No				LRP Sites D:	
GW Pesticide:	No				LRP Sites L:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
GW PCB:	No				LRP Sites O:	
GW PAH:	No				LRP Sites P:	
Soil Chlorina:	No				LRP Sites T:	
Soil Petroleum:	No				Max Concent:	
Soil Metals:	No				Near by Pota:	
Soil Pesticide:	No				X83:	-76.483097
Soil PCB:	No				Y83:	39.245032
Soil PAH:	No				Adja Cent 1:	
SED Chlorina:	No				Adja Centre:	
SED Petroleum:	No				Block:	
SED Metals:	No				Boundary We:	
SED Pesticide:	No				CHS Oversig:	
SED PCB:	No				Create Date:	
SED PAH:	No				Created by:	
SW Chlorina:	No				Enforc Ongo:	
SW Petroleum:	No				County:	Baltimore County
SW Metals:	No				Point X:	444621.0325
SW Pesticide:	No				Point Y:	175334.4056
SW PCB:	No				Acreage:	0
SW PAH:	No				File Available E:	No
Archived:						
Internal No:						
Site Alias:						
Fact Link:						
Fact Sheet:		No Fact Sheet Available.				
Fact Sheet U:						
Notes:		Property obtained from Beth Steel. Case Closed.				
Notes2:						
Original Source:		SHWS				
Record Date:		Sep 23, 2013				

18	1 of 1	NNE	0.62 / 3,282.65	19.30 / 19	Vulcan Materials Metals Div. 2415 Grays Road Sparrows Point MD 21222	SHWS
BMI No:	MD0132				Soil Chlorina:	No
Table Sites ID:	608				Soil Petroleum:	No
EPA ID:	MDD00309319				Soil Metals:	No
Tax ID:					Soil Pesticide:	No
Tax Map No:					Soil PCB:	No
File Available E:	No				Soil PAH:	No
Brownfield:	No				SED Chlorina:	No
Site Assess:	No				SED Petroleum:	No
FUD:	No				SED Metals:	No
Federal Facility:	No				SED Pesticide:	No
GW:	No				SED PCB:	No
NPL:	No				SED PAH:	No
VCP:	No				SW Chlorina:	No
Assessment:	No				SW Petroleum:	No
Remediation:	No				SW Metals:	No
Withdrawn:	No				SW PCB:	No
Det Issued:	No				SW PAH:	No
Archived:	Yes				X83:	
GW Chlorina:	No				Y83:	2012
GW Petroleum:	No				Block:	
GW Metals:	No				CHS Oversig:	No
GW PCB:	No				Enforc Ongo:	No
GW Pesticide:	No				Boundary We:	
SW Pesticide:	No				Parcel No:	
GW PAH:	No				Lot No:	
Create Dat:					Acreage:	17
Created by:					Regulatory:	
Adja Cent 1:					State:	Maryland
Adja Centre:					County:	Baltimore County
Fact Link:		http://mde.maryland.gov/programs/Land/MarylandBrownfieldVCP/Documents/Vulcan%20Materials.pdf				
Site Alias:		AMG Resources Corporation				
Notes:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Applicant Entity

Part Status:
App City:
App State:
App Zipcode:
App Acre:
App Withdraw:
Dt Withdraw:
Dt App Subm:
Land Use:
App Name:
App Address:
Notes:

Sign Post Dt:
Dt Pub Meet:
End Cmmt Prd:
Dt App Acpt:
Dt RAP Sub:
Dt RAP Accpt:
Dt Determ:
Determ Type:

19	1 of 1	NE	0.85 / 4,468.91	15.94 / 16	4611 North Point Boulevard 4611 North Point Boulevard Edgemere MD 21219	SHWS
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BMI No: MD1742
Table Sites ID: 1934
EPA ID:
Tax ID:
Tax Map No: 111
File Available E: No
Brownfield: No
Site Assess: No
FUD: No
Federal Facility: No
GWI: No
NPL: No
VCP: Yes
Assessment: No
Remediation: No
Withdrawn: No
Det Issued: No
Archived: No
GW Chlorina: No
GW Petroleum: No
GW Metals: No
GW PCB: No
GW Pesticide: No
SW Pesticide: No
GW PAH: No
Create Dat:
Created by:
Adja Cent 1:
Adja Centre:
Fact Link:
Site Alias:
Notes:

Soil Chlorina: No
Soil Petroleum: No
Soil Metals: No
Soil Pesticide: No
Soil PCB: No
Soil PAH: No
SED Chlorina: No
SED Petroleum: No
SED Metals: No
SED Pesticide: No
SED PCB: No
SED PAH: No
SW Chlorina: No
SW Petroleum: No
SW Metals: No
SW PCB: No
SW PAH: No
X83: 2016
Y83:
Block:
CHS Oversight: No
Enforc Ongo: No
Boundary We:
Parcel No: 327
Lot No: 3
Acreage: 17.07
Regulatory:
State: Maryland
County: Baltimore County

Fact Sheet Not Available.
Siemens Metallurgical Services

Applicant Entity

Part Status: IP
App City: Baltimore
App State: Maryland
App Zipcode: 21230
App Acre: 17.070000
App Withdraw:
Dt Withdraw:
Dt App Subm: 02/19/2016
Land Use: Tier 3B
App Name: Aging Barns, LLC
App Address: 1030 Hull Street, Fourth Floor

Sign Post Dt: 03/02/2016
Dt Pub Meet:
End Cmmt Prd: 04/01/2016
Dt App Acpt:
Dt RAP Sub:
Dt RAP Accpt:
Dt Determ:
Determ Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Notes:

20	1 of 2	WSW	0.90 / 4,749.45	9.89 / 10	Bethlehem Steel Shipyard 600 Shipyard Road Sparrows Point MD 21219	SHWS
<div> <div> BMI No: MD1025 Table Sites ID: 505 EPA ID: Tax ID: Tax Map No: File Available E: No Brownfield: No Site Assess: No FUD: No Federal Facility: No GW I: No NPL: No VCP: Yes Assessment: Yes Remediation: No Withdrawn: No Det Issued: No Archived: No GW Chlorina: No GW Petroleum: No GW Metals: No GW PCB: No GW Pesticide: No SW Pesticide: No GW PAH: No Create Dat: Created by: Adja Cent 1: Adja Centre: Fact Link: Site Alias: Notes: </div> <div> Soil Chlorina: No Soil Petroleum: No Soil Metals: No Soil Pesticide: No Soil PCB: No Soil PAH: No SED Chlorina: No SED Petroleum: No SED Metals: No SED Pesticide: No SED PCB: No SED PAH: No SW Chlorina: No SW Petroleum: No SW Metals: No SW PCB: No SW PAH: No X83: Y83: Block: CHS Oversig: No Enforc Ongo: No Boundary We: Parcel No: Lot No: Acreage: 200 Regulatory: State: Maryland County: Baltimore County </div> </div>						
		No Fact Sheet Available.				
		For additional information, please contact Barbara Brown in the LRP.				

Applicant Entity

Part Status:	Sign Post Dt:
App City:	Dt Pub Meet:
App State:	End Cmnt Prd:
App Zipcode:	Dt App Acpt:
App Acre:	Dt RAP Sub:
App Withdraw:	Dt RAP Accpt:
Dt Withdraw:	Dt Determ:
Dt App Subm:	Determ Type:
Land Use:	
App Name:	
App Address:	
Notes:	

20	2 of 2	WSW	0.90 / 4,749.45	9.89 / 10	Sparrows Point Shipyard LLC 600 Shipyard Road Baltimore MD 21219	SHWS
<div> <div> BMI No: MD1046 Table Sites ID: 554 EPA ID: Tax ID: Tax Map No: File Available E: No Brownfield: No Site Assess: No </div> <div> Soil Chlorina: Yes Soil Petroleum: No Soil Metals: Yes Soil Pesticide: No Soil PCB: No Soil PAH: No SED Chlorina: No SED Petroleum: No </div> </div>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
FUD:	No				SED Metals:	No
Federal Facility:	No				SED Pesticide:	No
GWI:	No				SED PCB:	No
NPL:	No				SED PAH:	No
VCP:	Yes				SW Chlorina:	No
Assessment:	No				SW Petroleum:	No
Remediation:	No				SW Metals:	No
Withdrawn:	No				SW PCB:	No
Det Issued:	No				SW PAH:	No
Archived:	No				X83:	2004
GW Chlorina:	Yes				Y83:	
GW Petroleum:	Yes				Block:	
GW Metals:	No				CHS Oversig:	No
GW PCB:	No				Enforc Ongo:	No
GW Pesticide:	No				Boundary We:	
SW Pesticide:	No				Parcel No:	
GW PAH:	No				Lot No:	
Create Dat:					Acreage:	226.36
Created by:					Regulatory:	
Adja Cent 1:					State:	Maryland
Adja Centre:					County:	Baltimore County
Fact Link:		http://mde.maryland.gov/programs/Land/MarylandBrownfieldVCP/Documents/Sparrows%20Point%20Shipyard.pdf				
Site Alias:		Bethlehem Shipyard				
Notes:						

Applicant Entity

Part Status:	IP				Sign Post Dt:	
App City:	Baltimore				Dt Pub Meet:	
App State:	Maryland				End Cmnt Prd:	
App Zipcode:	21202				Dt App Acpt:	09/22/2006
App Acre:	226.357500				Dt RAP Sub:	
App Withdraw:					Dt RAP Accpt:	
Dt Withdraw:	08/12/2008				Dt Determ:	
Dt App Subm:	09/22/2006				Determ Type:	
Land Use:						
App Name:	SPS Limited Partnership, LLLP					
App Address:	c/o Ober, Kaler, Grimes & Shriver; 120 East Baltimore Street					
Notes:						

Applicant Entity

Part Status:					Sign Post Dt:	
App City:	Canton				Dt Pub Meet:	
App State:	Massachusetts				End Cmnt Prd:	
App Zipcode:	02021				Dt App Acpt:	
App Acre:					Dt RAP Sub:	
App Withdraw:					Dt RAP Accpt:	08/16/2016
Dt Withdraw:					Dt Determ:	
Dt App Subm:					Determ Type:	
Land Use:	Tier 3B					
App Name:	BWI Sparrows Point, LLC					
App Address:	40 Shawmut Road					
Notes:						

Applicant Entity

Part Status:	RP				Sign Post Dt:	
App City:	Baltimore				Dt Pub Meet:	
App State:	Maryland				End Cmnt Prd:	
App Zipcode:	21219				Dt App Acpt:	12/05/2011
App Acre:	226.360000				Dt RAP Sub:	
App Withdraw:					Dt RAP Accpt:	
Dt Withdraw:					Dt Determ:	
Dt App Subm:	10/07/2008				Determ Type:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Land Use:

App Name: SPS Limited Partnership, LLLP

App Address: 600 Shipyard Lane

Notes:

Applicant Entity

Part Status:

RP

App City:

Baltimore

App State:

Maryland

App Zipcode:

21219

App Acre:

226.360000

App Withdraw:

Yes

Dt Withdraw:

03/11/2004

Dt App Subm:

02/23/2004

Land Use:

App Name:

SPS Limited Partnership, LLLP

App Address:

600 Shipyard Lane

Notes:

Application denied by Department.

Sign Post Dt:

Dt Pub Meet:

End Cmmt Prd:

Dt App Acpt:

02/23/2004

Dt RAP Sub:

Dt RAP Acpt:

Dt Determ:

Determ Type:

Unplottable Summary

Total: 51 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		MILE POST 88.7 695 BELTWAY & AMTRAK'S,RIGHT OF WAY	BALTIMORE MD		807238946
ERNS		OFF OF 695 BELTWAY B-PLANT	SPARROWSPOINT MD		807068492
ERNS		695 BELTWAY BETWEEN EXITS 11 & 12	BALTIMORE MD		806591134
ERNS		SPILL IS BETWEEN PIERS 3 AND 4,INSIDE OF BELTWAY	BALTIMORE MD		807013929
ERNS		I-695 FRANCIS SCOTT KEY BRIDGE	BALTIMORE MD		806759665
FINDS/FRS	PORI INTERNATIONAL	GATE G BETH STEEL SPARROWS PT.	DUNDALK MD	21219	817643466
FINDS/FRS	PORI INTERNATIONAL, INC.		BALTIMORE MD	21201	817662447
FINDS/FRS	IA CONSTRUCTION CORP - SPARROWS POINT	WHARF RD	SPARROWS POINT MD	21219	817603820
FINDS/FRS	SHA BRIDGE 0322405	MD 695 IL OVER	DUNDALK MD	21222	825524683
FINDS/FRS	US FILTER RECOVERY SERVICES	GATE G BETHLEHEM BLVD	SPARROWS POINT MD	21219	817645034
FINDS/FRS	INTERSTATE AMIESITE	WHARF ROAD	SPARROWS POINT MD	21219	825654930

FTTS ADMIN	PORI INTERNATIONAL, INC.		BALTIMORE MD		827235997
FTTS ADMIN	PORI INTERNATIONAL, INC.		BALTIMORE MD		827235998
FTTS INSP	PORI INTERNATIONAL, INC.		BALTIMORE MD		827241596
FTTS INSP	PORI INTERNATIONAL, INC.		BALTIMORE MD		827241595
HMIRS		RTE 695	BALTIMORE MD		818369290
HMIRS		I-695	BALTIMORE MD		818358393
HMIRS		BALTIMORE BELTWAY 001.67 MM	BALTIMORE MD		818160459
HMIRS		S I 695	BALTIMORE MD		818482398
HMIRS		I-695	DUNDALK MD		818424467
ICIS	INTERSTATE AMIESITE	WHARF ROAD	SPARROWS POINT MD	21219	827823847
OCP	IA CONSTRUCTION CORP	WHARF RD Case No / Status: 8-0186BA CLOSED	SPARROWS POINT MD	21219	811612900
OCP	BALTIMORE COUNTY BOARD OF EDUCATION	SPARROWS POINT RD Case No / Status: 8-0373BA4 CLOSED	EDGEMERE MD	21219	811613130
OCP	DETRICH INDUSTRIES	BETHLEHEM BLVD Case No / Status: 99-2371BA4 CLOSED	BALTIMORE MD	21219	811604961
RCRA CESQG	IA CONSTRUCTION CORP - SPARROWS	WHARF RD	SPARROWS POINT MD	21219	810783703

POINT

RCRA NON GEN	US FILTER RECOVERY SERVICES	GATE G BETHLEHEM BLVD	SPARROWS POINT MD	21219	810216781
RCRA NON GEN	BOISE CASCADE COMPOSITE CAN DIV	BETHLEHEM BLVD	SPARROWS POINT MD	21222	810213614
RCRA SQG	ZARNAS, G C & CO INC	SPARROWS POINT RD	SPARROWS POINT MD	21219	810775098
RCRA TSD	US FILTER RECOVERY SERVICES	GATE G BETHLEHEM BLVD	SPARROWS POINT MD	21219	810465979
SPILLS		Bethlehem Boulevard I-695	Dundalk MD	21222	836740739
SPILLS	On ramp	ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)	Edgemere MD	21219	859636225
SPILLS	On ramp	ramp from Peninsula expressway to 695	Edgemere MD	21219	859636965
SPILLS	Roadway - off the right shoulder	I-695 inner loop	Baltimore (Golden Ring) MD		862613675
SPILLS		I-695	Baltimore MD		861298708
SPILLS		I-695	Baltimore MD		861298089
SPILLS		I-695	Baltimore MD		861298088
SPILLS	I-695 NORTH	I-695 NORTH	BALTIMORE MD		848657972
SPILLS	I-695 NORTH	I-695 NORTH	BALTIMORE MD		848657306

SPILLS		Bethlehem Boulevard I-695	Dundalk MD	21222	836735898
SPILLS	I-695 NORTH	I-695 NORTH	BALTIMORE MD		825361847
SPILLS	Highway	I/L I695	Dundalk MD	21222	825361724
SPILLS	Roadway - off the right shoulder	I-695 Inner Loop	Dundalk MD	21222	825359620
SPILLS	Roadway - off the right shoulder	I-695 inner loop	Baltimore (Golden Ring) MD		865824770
SPILLS	On ramp	ramp from Peninsula expressway to 695	Edgemere MD	21219	859634852
SPILLS	On ramp	ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)	Edgemere MD	21219	861297861
SPILLS	On ramp	ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)	Edgemere MD	21219	859636080
SPILLS	On ramp	ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)	Edgemere MD	21219	859636964
SPILLS		Bethlehem Boulevard I-695	Dundalk MD	21222	836740254
SPILLS		Bethlehem Boulevard I-695	Dundalk MD	21222	836740255
SPILLS	On ramp	ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)	Edgemere MD	21219	859634854
UST	IA Construction	Wharf Road	Sparrows Point MD	21219	811634100

Corporation

Tank ID / Tank Status / Date Installed: 2 | Permanently Out of Use | 6/1/1973, 1 |
Permanently Out of Use | 6/1/1973, 3 | Permanently Out of Use | 12/1/1985

Unplottable Report

Site:

MILE POST 88.7 695 BELTWAY & AMTRAK'S, RIGHT OF WAY BALTIMORE MD

ERNS

NRC Report No:	871713	Direction From City:	
Type of Incident:	RAILROAD	Lat Quad:	
Incident Cause:	UNKNOWN	Long Quad:	
Incident Date:	5/19/2008 10:00:00 AM	Location Section:	
Incident Location:	A BRIDGE ABOVE THE RAILROAD'S RIGHT OF WAY.	Location Township:	
Incident Dtg:	DISCOVERED	Location Range:	
Distance From City:		Potential Flag:	No
Distance Units:		Year:	Calendar Year 2008
Description of Incident:	CALLER STATED THERE WAS A SPILL OF MATERIALS DISCOVERED ON THE RAILROAD TRACKS FROM A TRACTOR TRAILER TRUCK WHICH WAS ON A BRIDGE ABOVE THE RAILROAD'S RIGHT OF WAY . CALLER STATED THE SUSPECTED RESPONSIBLE PARTY IS UNKNOWN AS THEY WOULD NOT GIVE ANY INF		

Material Spill Information

Chris Code:	ODS	Name of Material:	OIL: DIESEL
CAS No:	000000-00-0	If Reached Water:	YES
UN No:		Amount in Water:	0
Amount of Material:	100	Unit Reach Water:	UNKNOWN AMOUNT
Unit of Measure:	GALLON(S)		

Calls Information

Date Time Received:	5/22/2008 8:33:34 AM	Responsible City:	
Date Time Complete:	5/22/2008 8:42:53 AM	Responsible State:	XX
Call Type:	INC	Responsible Zip:	
Responsible Company:		On Behalf of:	
Responsible ORG	UNKNOWN	Source:	TELEPHONE
Type:			

Incidents Information

Aircraft Type:
Aircraft Model:
Aircraft ID:
Aircraft Fuel Capacity:
Aircraft Fuel Capacity Units:
Aircraft Fuel on Board:
Aircraft Fuel OB Units:
Aircraft Spot No:
Aircraft Hanger:
Aircraft Runway No:
Road Mile Marker:
Building ID:
Type of Fixed Object:
Power Generating Facility: U
Generating Capacity:
Type of Fuel:
NPDES:
NPDES Compliance: U
Pipeline Type:
DOT Regulated: U
Pipeline Above Ground: ABOVE
Exposed Underwater: N
Pipeline Covered: U

Railroad Hotline:	
Grade Crossing:	U
Location Subdivision:	N/A
Railroad Milepost:	88.7
Type Vehicle Involved:	
Crossing Device Type:	
Device Operational:	Y
Dot Crossing No:	
Brake Failure:	N
Description of Tank:	
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	
Tank ID:	
Capacity of Tank:	
Capacity of Tank Units:	
Actual Amount:	
Actual Amount Units:	
Platform Rig Name:	
Platform Letter:	
Location Area ID:	
Location Block ID:	
OCSG No:	
OCSG No:	
State Lease No:	
Pier Dock No:	
Berth Slip No:	
Continuous Release Type:	
Initial Cont Release No:	
Continuous Release Permit:	
Allision:	N
Type of Structure:	
Structure Name:	
Structure Operational:	U
Airbag Deployed:	U
Date Time Normal Service:	
Service Disruption Time:	
Service Disruption Units:	
Transit Bus Flag:	
CR Begin Date:	
CR End Date:	
CR Change Date:	
FBI Contact:	
FBI Contact Date Time:	
Sub Part C Testing Req:	NO
Conductor Testing:	
Engineer Testing:	
Trainman Testing:	
Yard Foreman Testing:	
RCL Operator Testing:	
Brakeman Testing:	
Train Dispatcher Testing:	
Signalman Testing:	
Other Employee Testing:	
Unknown Testing:	
Passenger Handling:	
Passenger Route:	YES
Passenger Delay:	NO

Incident Details Information

Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Number Evacuated:	
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	N
No. Injured:	

No. Hospitalized:	
Any Fatalities:	N
No. Fatalities:	
Any Damages:	N
Damage Amount:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Closed:	N
Waterway Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Closure Direction:	
Major Artery:	No
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	NONE
Medium Desc:	WATER
Additional Medium Info:	UNKNOWN STREAM
Body of Water:	UNKNOWN STREAM
Tributary of:	
Nearest River Mile Marker:	
Release Secured:	Y
Est Duration of Release:	
Release Rate:	
Desc Remedial Action:	CALLER STATED THE RESPONSIBLE PARTY WHO IS UNKNOWN USED BOOMS AND ABSORBENT PADS TO CLEAN UP THE SPILL.
State Agency on Scene:	NONE
State Agency Report No:	NONE
Other Agency Notified:	
Weather Conditions:	RAINY
Air Temperature:	57
Wind Speed:	
Wind Direction:	
Water Supply Contaminated:	U
Sheen Size:	
Sheen Color:	
Direction of Sheen Travel:	
Sheen Odor Description:	
Wave Condition:	
Current Speed:	
Current Direction:	
Water Temperature:	
Track Close Dir:	
EMPL Fatality:	
Pass Fatality:	
Community Impact:	
Wind Speed Unit:	
Employee Injuries:	
Passenger Injuries:	
Occupant Fatality:	
Current Speed Unit:	
Road Closure Units:	
Track Closure Units:	
Sheen Size Units:	
Additional Info:	NO ADDITIONAL INFORMATION.
State Agency Notified:	NONE
Federal Agency Notified:	NONE
Nearest River Mile Marker:	
Sheen Size Length:	
Sheen Size Length Units:	
Sheen Size Width:	
Sheen Size Width Units:	
Offshore:	N
Duration Unit:	
Release Rate Unit:	
Release Rate Rate:	
Passengers Transferred:	NO

Site:

OFF OF 695 BELTWAY B-PLANT SPARROWSPOINT MD

ERNS

NRC Report No:	67961	Direction From City:	
Type of Incident:	FIXED	Lat Quad:	
Incident Cause:	EQUIPMENT FAILURE	Long Quad:	
Incident Date:	4/14/1991 12:00:00 PM	Location Section:	
Incident Location:		Location Township:	
Incident Dtg:	DISCOVERED	Location Range:	
Distance From City:		Potential Flag:	
Distance Units:		Year:	Calendar Year 1991
Description of Incident:	B-PLANT SATURATOR / DUE TO A LEAKAGE IN THE HEATER.		

Material Spill Information

Chris Code:	SFA	Name of Material:	SULFURIC ACID (1 PERCENT)
CAS No:		If Reached Water:	YES
UN No:		Amount in Water:	75
Amount of Material:	75	Unit Reach Water:	GALLON(S)
Unit of Measure:	GALLON(S)		

Calls Information

Date Time Received:	4/14/1991 5:04:14 PM	Responsible City:	SPARROWSPOINT
Date Time Complete:	4/14/1991 5:16:34 PM	Responsible State:	MD
Call Type:	INC	Responsible Zip:	21228
Responsible Company:	BETHLEHEM STEEL CO.	On Behalf of:	
Responsible ORG Type:	PRIVATE ENTERPRISE	Source:	UNAVAILABLE

Incidents Information

Aircraft Type:	UNKNOWN
Aircraft Model:	
Aircraft ID:	
Aircraft Fuel Capacity:	
Aircraft Fuel Capacity Units:	
Aircraft Fuel on Board:	
Aircraft Fuel OB Units:	
Aircraft Spot No:	
Aircraft Hanger:	
Aircraft Runway No:	
Road Mile Marker:	
Building ID:	
Type of Fixed Object:	UNKNOWN
Power Generating Facility:	U
Generating Capacity:	
Type of Fuel:	
NPDES:	
NPDES Compliance:	U
Pipeline Type:	UNKNOWN
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	U
Pipeline Covered:	U
Railroad Hotline:	No
Grade Crossing:	N
Location Subdivision:	
Railroad Milepost:	UNKNOWN
Type Vehicle Involved:	UNKNOWN
Crossing Device Type:	
Device Operational:	Y
Dot Crossing No:	
Brake Failure:	N
Description of Tank:	
Tank Above Ground:	ABOVE

Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	
Tank ID:	
Capacity of Tank:	
Capacity of Tank Units:	
Actual Amount:	
Actual Amount Units:	
Platform Rig Name:	
Platform Letter:	
Location Area ID:	
Location Block ID:	
OCSG No:	
OCSG No:	
State Lease No:	
Pier Dock No:	
Berth Slip No:	
Continuous Release Type:	
Initial Cont Release No:	
Continuous Release Permit:	
Allision:	N
Type of Structure:	
Structure Name:	
Structure Operational:	Y
Airbag Deployed:	
Date Time Normal Service:	
Service Disruption Time:	
Service Disruption Units:	
Transit Bus Flag:	
CR Begin Date:	
CR End Date:	
CR Change Date:	
FBI Contact:	
FBI Contact Date Time:	
Sub Part C Testing Req:	XXX
Conductor Testing:	
Engineer Testing:	
Trainman Testing:	
Yard Foreman Testing:	
RCL Operator Testing:	
Brakeman Testing:	
Train Dispatcher Testing:	
Signalman Testing:	
Other Employee Testing:	
Unknown Testing:	
Passenger Handling:	
Passenger Route:	XXX
Passenger Delay:	XXX

Incident Details Information

Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Number Evacuated:	
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	U
No. Injured:	
No. Hospitalized:	
Any Fatalities:	U
No. Fatalities:	
Any Damages:	N
Damage Amount:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Closed:	N
Waterway Desc:	
Waterway Closure Time:	

Road Closed: N
Road Desc:
Road Closure Time:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Media Interest:
Medium Desc: WATER
Additional Medium Info: SEWER OUTFALL, OUTLETS PATAPSCO RIVER
Body of Water:
Tributary of:
Nearest River Mile Maker:
Release Secured: U
Est Duration of Release:
Release Rate:
Desc Remedial Action: REPAIRED THE LEAKAGE AND USED SODA ASH TO NEUTRALIZE FREE-STANDING PRODUCT ON THE GROUND.
State Agency on Scene:
State Agency Report No:
Other Agency Notified:
Weather Conditions:
Air Temperature:
Wind Speed:
Wind Direction:
Water Supply Contaminated: U
Sheen Size:
Sheen Color:
Direction of Sheen Travel:
Sheen Odor Description:
Wave Condition:
Current Speed:
Current Direction:
Water Temperature:
Track Close Dir:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Wind Speed Unit:
Employee Injuries:
Passenger Injuries:
Occupant Fatality:
Current Speed Unit:
Road Closure Units:
Track Closure Units:
Sheen Size Units:
Additional Info: CALLER IS UNAWARE IF THE SPILL HAS REACHED THE RIVER.
State Agency Notified:
Federal Agency Notified:
Nearest River Mile Marker:
Sheen Size Length:
Sheen Size Length Units:
Sheen Size Width:
Sheen Size Width Units:
Offshore: N
Duration Unit:
Release Rate Unit:
Release Rate Rate:
Passengers Transferred: UNK

Site: 695 BELTWAY BETWEEN EXITS 11 & 12 BALTIMORE MD ERNS

NRC Report No:	121474	Direction From City:
Type of Incident:	MOBILE	Lat Quad:
Incident Cause:	EQUIPMENT FAILURE	Long Quad:
Incident Date:	6/11/1992 3:10:00 PM	Location Section:
Incident Location:		Location Township:
Incident Dtg:	OCCURRED	Location Range:

Distance From City:		Potential Flag:	
Distance Units:		Year:	Calendar Year 1992
Description of Incident:	FUEL CROSS OVER TANK LINE/LEAKED		

Material Spill Information

Chris Code:	ODS	Name of Material:	OIL: DIESEL
CAS No:		If Reached Water:	YES
UN No:		Amount in Water:	0
Amount of Material:	0	Unit Reach Water:	UNKNOWN AMOUNT
Unit of Measure:	UNKNOWN AMOUNT		

Calls Information

Date Time Received:	6/11/1992 3:29:13 PM	Responsible City:	GETTYSBURG
Date Time Complete:	6/11/1992 3:34:39 PM	Responsible State:	PA
Call Type:	INC	Responsible Zip:	
Responsible Company:	CHAN TRANSPORT	On Behalf of:	
Responsible ORG Type:	PRIVATE ENTERPRISE	Source:	UNAVAILABLE

Incidents Information

Aircraft Type:	UNKNOWN
Aircraft Model:	
Aircraft ID:	
Aircraft Fuel Capacity:	
Aircraft Fuel Capacity Units:	
Aircraft Fuel on Board:	
Aircraft Fuel OB Units:	
Aircraft Spot No:	
Aircraft Hanger:	
Aircraft Runway No:	
Road Mile Marker:	
Building ID:	
Type of Fixed Object:	UNKNOWN
Power Generating Facility:	U
Generating Capacity:	
Type of Fuel:	
NPDES:	
NPDES Compliance:	U
Pipeline Type:	UNKNOWN
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	U
Pipeline Covered:	U
Railroad Hotline:	No
Grade Crossing:	N
Location Subdivision:	
Railroad Milepost:	UNKNOWN
Type Vehicle Involved:	UNKNOWN
Crossing Device Type:	
Device Operational:	Y
Dot Crossing No:	
Brake Failure:	N
Description of Tank:	
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	
Tank ID:	
Capacity of Tank:	
Capacity of Tank Units:	
Actual Amount:	
Actual Amount Units:	
Platform Rig Name:	
Platform Letter:	

Location Area ID:
 Location Block ID:
 OCSG No:
 OCSG No:
 State Lease No:
 Pier Dock No:
 Berth Slip No:
 Continuous Release Type:
 Initial Cont Release No:
 Continuous Release Permit:
 Allision: N
 Type of Structure:
 Structure Name:
 Structure Operational: Y
 Airbag Deployed:
 Date Time Normal Service:
 Service Disruption Time:
 Service Disruption Units:
 Transit Bus Flag:
 CR Begin Date:
 CR End Date:
 CR Change Date:
 FBI Contact:
 FBI Contact Date Time:
 Sub Part C Testing Req: XXX
 Conductor Testing:
 Engineer Testing:
 Trainman Testing:
 Yard Foreman Testing:
 RCL Operator Testing:
 Brakeman Testing:
 Train Dispatcher Testing:
 Signalman Testing:
 Other Employee Testing:
 Unknown Testing:
 Passenger Handling:
 Passenger Route: XXX
 Passenger Delay: XXX

Incident Details Information

Fire Involved: N
 Fire Extinguished: U
 Any Evacuations: N
 Number Evacuated:
 Who Evacuated:
 Radius Of Evacuation:
 Any Injuries: U
 No. Injured:
 No. Hospitalized:
 Any Fatalities: U
 No. Fatalities:
 Any Damages: N
 Damage Amount:
 Air Corridor Closed: N
 Air Corridor Desc:
 Air Closure Time:
 Waterway Closed: N
 Waterway Desc:
 Waterway Closure Time:
 Road Closed: N
 Road Desc:
 Road Closure Time:
 Closure Direction:
 Major Artery: No
 Track Closed: N
 Track Desc:
 Track Closure Time:
 Media Interest:
 Medium Desc: WATER

Additional Medium Info: UNNAMED CREEK
Body of Water:
Tributary of:
Nearest River Mile Maker:
Release Secured: U
Est Duration of Release:
Release Rate:
Desc Remedial Action: CLEAN AMERICA CONTRACTOR ON SCENE
State Agency on Scene:
State Agency Report No:
Other Agency Notified:
Weather Conditions:
Air Temperature:
Wind Speed:
Wind Direction:
Water Supply Contaminated: U
Sheen Size:
Sheen Color:
Direction of Sheen Travel:
Sheen Odor Description:
Wave Condition:
Current Speed:
Current Direction:
Water Temperature:
Track Close Dir:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Wind Speed Unit:
Employee Injuries:
Passenger Injuries:
Occupant Fatality:
Current Speed Unit:
Road Closure Units:
Track Closure Units:
Sheen Size Units:
Additional Info: RAINBOW SHEEN
State Agency Notified:
Federal Agency Notified:
Nearest River Mile Marker:
Sheen Size Length:
Sheen Size Length Units:
Sheen Size Width:
Sheen Size Width Units:
Offshore: N
Duration Unit:
Release Rate Unit:
Release Rate Rate:
Passengers Transferred: UNK

Site:

SPILL IS BETWEEN PIERS 3 AND 4,INSIDE OF BELTWAY BALTIMORE MD

ERNS

NRC Report No:	436499	Direction From City:	
Type of Incident:	UNKNOWN SHEEN	Lat Quad:	
Incident Cause:	UNKNOWN	Long Quad:	
Incident Date:	5/12/1998 12:30:00 PM	Location Section:	
Incident Location:		Location Township:	
Incident Dtg:	OCCURRED	Location Range:	
Distance From City:		Potential Flag:	
Distance Units:		Year:	Calendar Year 1998
Description of Incident:	UNKNOWN / UNKNOWN SHEEN SIGHTING, SHEEN SIZE: LENGTH OF BRIDGECOLOR: UNK		

Material Spill Information

Chris Code:	OUN	Name of Material:	UNKNOWN OIL
CAS No:		If Reached Water:	YES
UN No:		Amount in Water:	0
Amount of Material:	0	Unit Reach Water:	UNKNOWN AMOUNT

Unit of Measure: UNKNOWN AMOUNT

Calls Information

Date Time Received: 5/12/1998 2:38:40 PM
Date Time Complete: 5/12/1998 2:47:34 PM
Call Type: INC
Responsible Company:
Responsible ORG Type: UNKNOWN

Responsible City:
Responsible State: XX
Responsible Zip:
On Behalf of:
Source: UNAVAILABLE

Incidents Information

Aircraft Type: UNKNOWN
Aircraft Model:
Aircraft ID:
Aircraft Fuel Capacity:
Aircraft Fuel Capacity Units:
Aircraft Fuel on Board:
Aircraft Fuel OB Units:
Aircraft Spot No:
Aircraft Hanger:
Aircraft Runway No:
Road Mile Marker:
Building ID:
Type of Fixed Object: UNKNOWN
Power Generating Facility: U
Generating Capacity:
Type of Fuel:
NPDES:
NPDES Compliance: U
Pipeline Type: UNKNOWN
DOT Regulated: U
Pipeline Above Ground: ABOVE
Exposed Underwater: U
Pipeline Covered: U
Railroad Hotline: No
Grade Crossing: N
Location Subdivision:
Railroad Milepost: UNKNOWN
Type Vehicle Involved: UNKNOWN
Crossing Device Type:
Device Operational: Y
Dot Crossing No:
Brake Failure: N
Description of Tank:
Tank Above Ground: ABOVE
Transportable Container: U
Tank Regulated: U
Tank Regulated By:
Tank ID:
Capacity of Tank:
Capacity of Tank Units:
Actual Amount:
Actual Amount Units:
Platform Rig Name:
Platform Letter:
Location Area ID:
Location Block ID:
OCSG No:
OCSG No:
State Lease No:
Pier Dock No:
Berth Slip No:
Continuous Release Type:
Initial Cont Release No:
Continuous Release Permit:
Allision: N

Type of Structure:
Structure Name:
Structure Operational: Y
Airbag Deployed:
Date Time Normal Service:
Service Disruption Time:
Service Disruption Units:
Transit Bus Flag:
CR Begin Date:
CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Date Time:
Sub Part C Testing Req: XXX
Conductor Testing:
Engineer Testing:
Trainman Testing:
Yard Foreman Testing:
RCL Operator Testing:
Brakeman Testing:
Train Dispatcher Testing:
Signalman Testing:
Other Employee Testing:
Unknown Testing:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX

Incident Details Information

Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
Number Evacuated:
Who Evacuated:
Radius Of Evacuation:
Any Injuries: U
No. Injured:
No. Hospitalized:
Any Fatalities: U
No. Fatalities:
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Closure Time:
Road Closed: N
Road Desc:
Road Closure Time:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Media Interest:
Medium Desc: WATER
Additional Medium Info: BALTIMORE INTER HARBOR
Body of Water:
Tributary of:
Nearest River Mile Marker:
Release Secured: U
Est Duration of Release:
Release Rate:
Desc Remedial Action: NONE
State Agency on Scene:
State Agency Report No:
Other Agency Notified:

Weather Conditions:
Air Temperature:
Wind Speed:
Wind Direction:
Water Supply Contaminated: U
Sheen Size:
Sheen Color:
Direction of Sheen Travel:
Sheen Odor Description:
Wave Condition:
Current Speed:
Current Direction:
Water Temperature:
Track Close Dir:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Wind Speed Unit:
Employee Injuries:
Passenger Injuries:
Occupant Fatality:
Current Speed Unit:
Road Closure Units:
Track Closure Units:
Sheen Size Units:
Additional Info: SPILL IS ON NORTH SIDE OF HARBOR / TEMP: 50F / CLOUD COVER: RAINWIND: VERY WINDY
State Agency Notified:
Federal Agency Notified:
Nearest River Mile Marker:
Sheen Size Length:
Sheen Size Length Units:
Sheen Size Width:
Sheen Size Width Units:
Offshore: Y
Duration Unit:
Release Rate Unit:
Release Rate Rate:
Passengers Transferred: UNK

Site:

I-695 FRANCIS SCOTT KEY BRIDGE BALTIMORE MD

ERNS

NRC Report No:	251645	Direction From City:	
Type of Incident:	MOBILE	Lat Quad:	
Incident Cause:	TRANSPORT ACCIDENT	Long Quad:	
Incident Date:	7/25/1994 4:00:00 PM	Location Section:	
Incident Location:		Location Township:	
Incident Dtg:	OCCURRED	Location Range:	
Distance From City:		Potential Flag:	
Distance Units:		Year:	Calendar Year 1994
Description of Incident:	AIRCRAFT TRAILER//HYDRAULIC LINE RUPTURED		

Material Spill Information

Chris Code:	OHY	Name of Material:	HYDRAULIC OIL
CAS No:		If Reached Water:	YES
UN No:		Amount in Water:	0
Amount of Material:	50	Unit Reach Water:	NONE
Unit of Measure:	GALLON(S)		

Calls Information

Date Time Received:	7/25/1994 4:55:31 PM	Responsible City:	PHILADELPHIA
Date Time Complete:	7/25/1994 4:59:51 PM	Responsible State:	PA
Call Type:	INC	Responsible Zip:	19142
Responsible Company:	BOEING DEFENSE & SPACE	On Behalf of:	
Responsible ORG	PRIVATE ENTERPRISE	Source:	UNAVAILABLE

Type:

Incidents Information

Aircraft Type:	UNKNOWN
Aircraft Model:	
Aircraft ID:	
Aircraft Fuel Capacity:	
Aircraft Fuel Capacity Units:	
Aircraft Fuel on Board:	
Aircraft Fuel OB Units:	
Aircraft Spot No:	
Aircraft Hanger:	
Aircraft Runway No:	
Road Mile Marker:	
Building ID:	
Type of Fixed Object:	UNKNOWN
Power Generating Facility:	U
Generating Capacity:	
Type of Fuel:	
NPDES:	
NPDES Compliance:	U
Pipeline Type:	UNKNOWN
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	U
Pipeline Covered:	U
Railroad Hotline:	No
Grade Crossing:	N
Location Subdivision:	
Railroad Milepost:	UNKNOWN
Type Vehicle Involved:	UNKNOWN
Crossing Device Type:	
Device Operational:	Y
Dot Crossing No:	
Brake Failure:	N
Description of Tank:	
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	
Tank ID:	
Capacity of Tank:	
Capacity of Tank Units:	
Actual Amount:	
Actual Amount Units:	
Platform Rig Name:	
Platform Letter:	
Location Area ID:	
Location Block ID:	
OCSG No:	
OCSG No:	
State Lease No:	
Pier Dock No:	
Berth Slip No:	
Continuous Release Type:	
Initial Cont Release No:	
Continuous Release Permit:	
Allision:	N
Type of Structure:	
Structure Name:	
Structure Operational:	Y
Airbag Deployed:	
Date Time Normal Service:	
Service Disruption Time:	
Service Disruption Units:	
Transit Bus Flag:	
CR Begin Date:	
CR End Date:	
CR Change Date:	

FBI Contact:
FBI Contact Date Time:
Sub Part C Testing Req: XXX
Conductor Testing:
Engineer Testing:
Trainman Testing:
Yard Foreman Testing:
RCL Operator Testing:
Brakeman Testing:
Train Dispatcher Testing:
Signalman Testing:
Other Employee Testing:
Unknown Testing:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX

Incident Details Information

Fire Involved: N
Fire Extinguished:
Any Evacuations: N
Number Evacuated:
Who Evacuated:
Radius Of Evacuation:
Any Injuries: U
No. Injured:
No. Hospitalized:
Any Fatalities: U
No. Fatalities:
Any Damages: N
Damage Amount:
Air Corridor Closed:
Air Corridor Desc:
Air Closure Time:
Waterway Closed:
Waterway Desc:
Waterway Closure Time:
Road Closed:
Road Desc:
Road Closure Time:
Closure Direction:
Major Artery:
Track Closed:
Track Desc:
Track Closure Time:
Media Interest:
Medium Desc: LAND
Additional Medium Info: PAVEMENT//AREA UNKNOWN
Body of Water:
Tributary of:
Nearest River Mile Marker:
Release Secured:
Est Duration of Release:
Release Rate:
Desc Remedial Action: USED SORBENTS
State Agency on Scene:
State Agency Report No:
Other Agency Notified:
Weather Conditions:
Air Temperature:
Wind Speed:
Wind Direction:
Water Supply Contaminated:
Sheen Size:
Sheen Color:
Direction of Sheen Travel:
Sheen Odor Description:
Wave Condition:
Current Speed:

Current Direction:
Water Temperature:
Track Close Dir:
EMPL Fatality:
Pass Fatality:
Community Impact:
Wind Speed Unit:
Employee Injuries:
Passenger Injuries:
Occupant Fatality:
Current Speed Unit:
Road Closure Units:
Track Closure Units:
Sheen Size Units:
Additional Info:
State Agency Notified:
Federal Agency Notified:
Nearest River Mile Marker:
Sheen Size Length:
Sheen Size Length Units:
Sheen Size Width:
Sheen Size Width Units:
Offshore:
Duration Unit:
Release Rate Unit:
Release Rate Rate:
Passengers Transferred: UNK

Site: PORI INTERNATIONAL
GATE G BETH STEEL SPARROWS PT. DUNDALK MD 21219

[FINDS/FRS](#)

Registry ID: 110038949822
FIPS Code: 24005
Program Acronyms: AIRS/AFS
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-JUL-2009 04:27:26
Update Date: 01-MAY-2014 03:44:20
Interest Types: AIR MINOR
SIC Codes: 5093
SIC Code Descriptions: SCRAP AND WASTE MATERIALS
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 03
County Name: BALTIMORE
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110038949822

Site: PORI INTERNATIONAL, INC.
BALTIMORE MD 21201

[FINDS/FRS](#)

Registry ID: 110011911814

FIPS Code:
Program Acronyms: NCDB
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 29-DEC-2014 10:02:40
Interest Types: COMPLIANCE ACTIVITY
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 03
County Name: BALTIMORE CITY
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110011911814

Site: **IA CONSTRUCTION CORP - SPARROWS POINT**
WHARF RD SPARROWS POINT MD 21219

[FINDS/FRS](#)

Registry ID: 110008422983
FIPS Code: 24005
Program Acronyms: MD-RCRA, RCRAINFO
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 26-JAN-2012 17:26:25
Interest Types: CESQG, STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 03
County Name: BALTIMORE
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008422983

Site: SHA BRIDGE 0322405
MD 695 IL OVER DUNDALK MD 21222

FINDS/FRS

Registry ID: 110064008997
FIPS Code: 24005
Program Acronyms: RCRAINFO
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 29-APR-2015 19:22:54
Update Date: 27-AUG-2015 16:14:26
Interest Types: LQG
SIC Codes:
SIC Code Descriptions:
NAICS Codes: 926120
NAICS Code Descriptions: REGULATION AND ADMINISTRATION OF TRANSPORTATION PROGRAMS.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 03
County Name: BALTIMORE
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110064008997

Site: US FILTER RECOVERY SERVICES
GATE G BETHLEHEM BLVD SPARROWS POINT MD 21219

FINDS/FRS

Registry ID: 110037395770
FIPS Code:
Program Acronyms: RCRAINFO
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 15-DEC-2008 16:15:04
Update Date: 26-JAN-2012 17:16:45
Interest Types: UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 03
County Name: BALTIMORE
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:

Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110037395770

Site: INTERSTATE AMIESITE
WHARF ROAD SPARROWS POINT MD 21219

[FINDS/FRS](#)

Registry ID: 110062687677
FIPS Code: MD005
Program Acronyms: AIR
HUC Code:
Site Type Name: STATIONARY
Location Description: ASPHALT PLANT
Supplemental Location:
Create Date: 07-NOV-2014 14:14:00
Update Date: 09-JAN-2015 21:48:52
Interest Types: AIR MINOR
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 03
County Name: BALTIMORE
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110062687677

Site: PORI INTERNATIONAL, INC.
BALTIMORE MD

[FTTS ADMIN](#)

Docket NO:	462	Violation Code 1:	6PU
Case NO:		Violation Code 2:	6PL
Issued Date:	3/30/1990	Violation Code 3:	6PZ
Closed Date:	3/21/1991	Violation Code 4:	
Withdrawn Date:		Violation Code 5:	
Proposed Penalty:	60000	Violation Code 6:	
Final Penalty:	24500	Region:	03
Abatement:	0		

Site: PORI INTERNATIONAL, INC.
BALTIMORE MD

[FTTS ADMIN](#)

Docket NO:	462	Violation Code 1:	6PU
Case NO:		Violation Code 2:	6PL
Issued Date:	9/13/1990	Violation Code 3:	6PZ
Closed Date:	3/21/1991	Violation Code 4:	
Withdrawn Date:	3/2/1993	Violation Code 5:	
Proposed Penalty:	60000	Violation Code 6:	
Final Penalty:	24500	Region:	03
Abatement:	0		

Site: PORI INTERNATIONAL, INC.
BALTIMORE MD

FTTS INSP

Docket Number: 462
Case Number:
Issued Date: 9/13/1990
Closed Date: 3/21/1991
Withdrawn Date: 3/2/1993
Proposed Penalty: 60000.0000
Final Penalty: 24500.0000
Abatement: 0.0000

Violation Code 1: 6PU
Violation Code 2: 6PL
Violation Code 3: 6PZ
Violation Code 4:
Violation Code 5:
Violation Code 6:
Region: 03

Site: PORI INTERNATIONAL, INC.
BALTIMORE MD

FTTS INSP

Docket Number: 462
Case Number:
Issued Date: 3/30/1990
Closed Date: 3/21/1991
Withdrawn Date:
Proposed Penalty: 60000.0000
Final Penalty: 24500.0000
Abatement: 0.0000

Violation Code 1: 6PU
Violation Code 2: 6PL
Violation Code 3: 6PZ
Violation Code 4:
Violation Code 5:
Violation Code 6:
Region: 03

Site:
RTE 695 BALTIMORE MD

HMIRS

Incident Cnty: BALTIMORE (CITY)

HMIR Incident Reports

Report No: I-1990030643
Report Type: A hazardous material incident
Date of Incident: 01/29/1990
Time of Incident: 0115
Haz Class Code: 3
Hazardous Class: FLAMMABLE - COMBUSTIBLE LIQUID
Commodity Short Nm: INSECTICIDE LIQUID N.O
Commodity Long Nm: INSECTICIDE LIQUID N.O.S.
Trade Name: TRIBUTE TERMICIDE
ID No: NA1993
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 1
Unit of Measure: LGA
What Failed: 103
What Failed Desc: Basic Material
How Failed Code: 309
How Failed Desc: Punctured
Failure Cause Code: 517
Failure Cause Desc: Improper Preparation for Transportation
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 1
C1 Capacity UOM: LGA
Cont1 Pkg Amt:
C1 Pkg Amt UOM:
Cont1 Pkg Number: 8
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: DRAKE CONTAINER CORP
Cont1 Pkg Mnfct Dt:

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: UNLOADING
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Non-Bulk
Packing Group:
Carrier Reporter: YRC INC.
CR Street Name: 10990 ROE AVE
CR City: OVERLAND PARK
CR State: KS
CR Postal Code: 66211-1213
CR Non US State:
CR Fed DOT ID: 555940
CR Hazmat Reg ID:
CR Country: US
Shipper Name: MOBAY CORP ANIMAL HEALTH
Shipper Street Name: PO BOX 390
Shipper City: SHAWNEE
Shipper State: KS
Shipper Postal: N/A
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 002 305608
Ship Hazmat Reg ID:
Origin City: SHAWNEE MISSION
Origin State: KANSAS
Origin Postal: 66201

Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt:
C1 Test Const Mat:
C1 Pkg Dsign Pres.:
C1 Dsign Press UOM:
C1 Pkg Shell Thick:
C1 Shell Thick UOM:
C1 Head Thickness:
C1 Head Thick UOM:
C1 Pkg Srvc Pres.:
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfcn:
C1 Device Model:
NRC No:

Origin Non US St:
Origin Country: US
Destination City: OWINGS MILLS
Destination State: MARYLAND
Destination Postal: 21117
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 1
Cont2 Capacity UOM: LGA
Cont2 Pkg Amount:
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 8
Cont2 Pkg No Failed: 1

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted:
RAM UOM Rpted:
RAM Activity:
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 20
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 145
Damage Old Form: 0
Total Damages Amt: 165
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Haz NonHosp Public: 0
Haz NonHosp Old: 0
Tot Haz Non Hosp Inj: 0
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: LINDA SCHMIDT
Contact Title: HAZMAT CLERK
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: OHMIR.Ref_Container.descr_txt
HMIS Container Code: 12B
HMIS Container Desc: Boxes
HMIS Bulk Incident: No
Undeclared Shipment: No

WHILE UNLOADING THE TRAILER ONE CARTON CONTAINING 1 PLASTIC BOTTLE WAS FOUND LEAKING FROM A PINHOLE IN ITS SIDE. AN INSPECTION REVEALED ALL CONTENTS LEAKED OUT. THE BOTTLE AND CARTON WERE PROPERLY DISPOSED OF. THE SPILLAGE WAS PROPERLY CLEANED UP.

Recommend Actions Taken:

Site:

HMIRS

Incident Cnty: BALTIMORE (CITY)

HMIR Incident Reports

Report No:	I-1991060977	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	05/20/1991	Report Submit Src:	Paper
Time of Incident:	2030	Inc Multiple Rows:	No
Haz Class Code:	8	Inc Non US State:	
Hazardous Class:	CORROSIVE MATERIAL	Mode Transport:	Highway
Commodity Short Nm:	COMPOUND CLEANING LIQU	Transport Phase:	IN TRANSIT
Commodity Long Nm:	COMPOUND CLEANING LIQUID (CONTAINING PHOSPHORIC ACID ACETIC ACID SODIUM HYDROXIDE OR POTASSIUM HYDROXIDE)	Incident Occrrnce:	
Trade Name:	ID-55 WATER BASED IN	Mat Ship Approval?:	No
ID No:	NA1760	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Portable Tank
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	STARCHEM INC
Qty Released:	0	CR Street Name:	420 W MAIN ST
Unit of Measure:		CR City:	DUDLEY
What Failed:	161	CR State:	MA
What Failed Desc:	Weld or Seam	CR Postal Code:	01571-5936
How Failed Code:		CR Non US State:	
How Failed Desc:		CR Fed DOT ID:	0
Failure Cause Code:		CR Hazmat Reg ID:	
Failure Cause Desc:		CR Country:	US
Ident. Markings:		Shipper Name:	STARCHEM INC
Cont1 Pkging Type:		Shipper Street Name:	420 W MAIN ST
Cont1 Const Mat:		Shipper City:	DUDLEY
Cont1 Head Type:		Shipper State:	MA
Cont1 Pkg Capacity:	295	Shipper Postal:	01571-5936
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:		Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	5280
Cont1 Pkg Number:	3	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	DUDLEY
Cont1 Pkg Mnfctr:	HURRY KLEEN CORP	Origin State:	MASSACHUSETTS
Cont1 Pkg Mnfc Dt:		Origin Postal:	01571
Cont1 Pkg Serial NO:	2515	Origin Non US St:	
C1 Pkg Last Test Dt:		Origin Country:	US
C1 Test Const Mat:		Destination City:	GEORGETOWN
C1 Pkg Dsign Pres.:		Destination State:	SOUTH CAROLINA
C1 Dsign Press UOM:		Destination Postal:	29440
C1 Pkg Shell Thick:		Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:		Cont2 Package Type:	
C1 Head Thick UOM:		Cont2 Const Mat:	
C1 Pkg Srvs Pres.:		Cont2 Pkg Capacity:	
C1 Srvs Press UOM:		Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:		Cont2 Pkg No:	
C1 Device Model:		Cont2 Pkg No Failed:	
NRC No:			
RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	0
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	0
RAM Nuclide S:		Total Hazmat Injuries:	0
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:		Employees Evac:	0
RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:		Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No

RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	Yes	Material Involved:	No
Fire Result:	No	Estimated Speed:	55
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	No	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	No	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	No	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	ROBERT DIEFFENWIERTH
Damage > 500:	No	Contact Title:	REGULATORY MANAGER
Material Loss:	0	Contact Business:	
Carrier Damage:	0	Contact Street:	
Property Damage:	0	Contact City:	
Response Cost:	0	Contact State:	
Remediation Cost:	0	Contact Postal:	
Damage Old Form:	0	Contact Non US St:	
Total Damages Amt:	0	Contact Country:	US
Hazmat Fatality:	No	Inc. Report Prepared:	
Haz Fatal Employees:	0	HMIS Serious Incidnt:	No
Haz Fatal Respntrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat FataIs:	0	HMIS Major Artery:	No
Hazmat Injury:	No	HMIS Bulk Release:	No
Haz Hospital Empl:	0	HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0	HMIS Radioactive:	No
Haz Hosp Gen Public:	0	HMIS Gen Pkg Type:	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	HMIS Container Code:	57
Total Haz Hosp Inj:	0	HMIS Container Desc:	PORTABLE TANK
Haz Non Hosp Empl:	0	HMIS Bulk Incident:	Yes
Haz Non Hosp Resp:	0	Undeclared Shipment:	No
Description of Events:	<p>NORTHWEST OF BALTIMORE ON I-695 THE DRIVER STOPPED ON THE SHOULDER OF THE ROAD. UPON INSPECTION OF THE LOAD THE DRIVER DISCOVERED A LEAKING CONTAINER IN WHICH HE BEGAN TO COLLECT THE MATERIAL IN A SALVAGE DRUM. DUE TO THE DISTANCE FROM THE INCIDENT THERE WAS NO ON-SITE REPRESENTATION FROM WEBCO CHEMICAL; HOWEVER; THE STATE POLICE BALTIMORE FIRE DEPARTMENT AND THE ENVIRONMENTAL EMERGENCY RESPONSE TEAM WERE NOTIFIED BY THE DRIVER AND WERE IMMEDIATELY DISPATCHED TO THE SCENE. MATERIAL WAS CONTAINED AND TRANSFERRED FROM THE LEAKING CONTAINER AND STORED AT A &A ENVIRONMENTAL SERVICES IN BALTIMORE MARYLAND FOR FUTURE PICK UP BY WEBCO CHEMICAL CORPORATION. THE TRAILER WAS NEUTRALIZED AND HOSED DOWN AT THE SCENE.</p>		

Recommend Actions Taken:

Site: **BALTIMORE BELTWAY 001.67 MM BALTIMORE MD** HMIRS

Incident Cnty: ANNE ARUNDEL

HMIR Incident Reports

Report No:	I-2010050400	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	04/28/2009	Report Submit Src:	Paper
Time of Incident:	0511	Inc Multiple Rows:	No
Haz Class Code:	9	Inc Non US State:	
Hazardous Class:	MISCELLANEOUS HAZARDOUS MATERIAL	Mode Transport:	Highway
Commodity Short Nm:	ELEVATED TEMPERATURE LIQ	Transport Phase:	IN TRANSIT
Commodity Long Nm:	ELEVATED TEMPERATURE LIQUID N.O.S. AT OR ABOVE 100 C AND BELOW ITS FLASH POINT (INCLUDING MOLTEN METALS MOLTEN SALTS ETC.)	Incident Occrrnce:	
Trade Name:	INDOPOL H-300	Mat Ship Approval?:	No
ID No:	UN3257	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Cargo Tank Motor Vehicle (CTMV)

HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 5000
Unit of Measure: LGA
What Failed: 137
What Failed Desc: Manway or Dome Cover
How Failed Code: 312
How Failed Desc: Torn Off or Damaged
Failure Cause Code: 531
Failure Cause Desc: Rollover Accident
Ident. Markings: NO MARKINGS GIVEN
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 0
C1 Capacity UOM:
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg Number:
C1 Pkg NO Failed:
Cont1 Pkg Mnfctr: ETNYRE
Cont1 Pkg Mnfc Dt: 1/1/1990 12:00:00 AM
Cont1 Pkg Serial NO: 1E9T43200LE00724
C1 Pkg Last Test Dt:
C1 Test Const Mat: STEEL
C1 Pkg Dsign Pres.:
C1 Dsign Press UOM:
C1 Pkg Shell Thick:
C1 Shell Thick UOM:
C1 Head Thickness:
C1 Head Thick UOM:
C1 Pkg Srvc Pres.:
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted:
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: Yes
Fire EMS EMS Report:
Police Report: Yes
Police Report No: 11962386
In House Cleanup: Yes
Other Cleanup: Yes
Damage > 500: Yes
Material Loss: 8785
Carrier Damage: 30000
Property Damage: 0
Response Cost: 30000
Remediation Cost: 1000
Damage Old Form: 0
Total Damages Amt: 69785

Packing Group: III
Carrier Reporter: FLEET TRANSIT INC.
CR Street Name: 3400 FAIRFIELD RD
CR City: BALTIMORE
CR State: MD
CR Postal Code: 21226-1512
CR Non US State:
CR Fed DOT ID: 154471
CR Hazmat Reg ID: 051908021010QR
CR Country: US
Shipper Name: BITUMAR USA INC.
Shipper Street Name: 6000 PENNINGTON AVE
Shipper City: BALTIMORE
Shipper State: MD
Shipper Postal: 21226-1627
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 788126
Ship Hazmat Reg ID:
Origin City: BALTIMORE
Origin State: MARYLAND
Origin Postal: 21226
Origin Non US St:
Origin Country: US
Destination City:
Destination State:
Destination Postal:
Destination Non US:
Destination Country:
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity:
Cont2 Capacity UOM:
Cont2 Pkg Amount:
Cont2 Pkg Amt UOM:
Cont2 Pkg No:
Cont2 Pkg No Failed:

Haz NonHosp Public: 0
Haz NonHosp Old: 0
Tot Haz Non Hosp Inj: 0
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: Yes
Mjr Artery Hrs Closed: 9
Material Involved: Yes
Estimated Speed: 50
Weather Conditions: DRY CLOUDY
Vehicle Overturn: Yes
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: KATHLEEN JONES
Contact Title: SAFETY
Contact Business: FLEET TRANSIT INC.
Contact Street: 3400 FAIRFIELD ROAD
Contact City: BALTIMORE
Contact State: MD
Contact Postal: 21226
Contact Non US St:
Contact Country: US

Hazmat Fatality:	No	Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0	HMIS Serious Incidnt:	Yes
Haz Fatal Respndrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat Fatals:	0	HMIS Major Artery:	Yes
Hazmat Injury:	No	HMIS Bulk Release:	Yes
Haz Hospital Empl:	0	HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0	HMIS Radioactive:	No
Haz Hosp Gen Public:	0	HMIS Gen Pkg Type:	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	HMIS Container Code:	TANK TRK
Total Haz Hosp Inj:	0	HMIS Container Desc:	Tank truck tank mounted on truck chassis
Haz Non Hosp Empl:	0	HMIS Bulk Incident:	Yes
Haz Non Hosp Resp:	0	Undeclared Shipment:	No
Description of Events:	CAR FAILED TO YEILD COMING FROM ENTRANCE RAMP ONTO 695 TRUCK TIRED TO AVOID CAR SWERVED TO RIGHT CAR SAW TRUCK SO HE SWERVED AND WENT BACK IN FRONT OF TRUCK SO TRUCK TRIED TO AVOID CAR AGAIN AND ACTION CAUSED TANKER TRUCK TO ROLL OVER. TANK BROKE OPEN ON ROAD - ASPHALT RAN OUT ON HIGHWAY. POLICE & FIRE CLOSED ROAD. THE ASPHALT BEGAN TO COOL AS SOON AS IT CAME OUT OF TRAILER WAS SPILLED ON ROAD - BLACK TOP 1/2 CONCRETE. DID NOT GET IN WATER. WHEN IT COOLED THEY SCRAPPED IT UP (WAS IN SOLID FORM) HAULED IT AWAY TO BE RECYCLED.		
Recommend Actions Taken:	TOLD DRIVER TO HOLD LANE - SUDDEN EROISIVE MANUVERS - CHANGE OF SPEED AND/OR DIRECTION CAN CAUUSE ROLL OVER. DRIVER WAS TRYING NOT TO HIT THE CAR AND HURT THE PERSON DRIVING IT. DIFFICULT ACCIDENT TO AVOID.		

Site: S I 695 BALTIMORE MD HMIRS

Incident Cnty: BALTIMORE

HMIR Incident Reports

Report No:	I-2000090244	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	07/18/2000	Report Submit Src:	Paper
Time of Incident:	1315	Inc Multiple Rows:	No
Haz Class Code:	6.1	Inc Non US State:	
Hazardous Class:	POISONOUS MATERIALS	Mode Transport:	Highway
Commodity Short Nm:	TRICHLOROETHYLENE	Transport Phase:	IN TRANSIT
Commodity Long Nm:	TRICHLOROETHYLENE	Incident Occrrnce:	
Trade Name:	TRICHLORETHYLENE	Mat Ship Approval?:	No
ID No:	UN1710	Mat Ship Approv No:	
Haz Waste Ind:	Yes	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	DART TRUCKING COMPANY INC.
Qty Released:	0.1250	CR Street Name:	41738 ESTERLY DR
Unit of Measure:	LGA	CR City:	COLUMBIANA
What Failed:	108	CR State:	OH
What Failed Desc:	Chime	CR Postal Code:	44408-9448
How Failed Code:	309	CR Non US State:	
How Failed Desc:	Punctured	CR Fed DOT ID:	0
Failure Cause Code:	517	CR Hazmat Reg ID:	
Failure Cause Desc:	Improper Preparation for Transportation	CR Country:	US
Ident. Markings:		Shipper Name:	CLEAN HARBORS OF CONNECTICUT INC.
Cont1 Pkging Type:		Shipper Street Name:	51 BRODERICK RD
Cont1 Const Mat:		Shipper City:	BRISTOL
Cont1 Head Type:		Shipper State:	CT
Cont1 Pkg Capacity:	55	Shipper Postal:	06010-7737
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:		Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	MDC 0862008
Cont1 Pkg Number:	46	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	Origin State:	
Cont1 Pkg Mnfc Dt:		Origin Postal:	
Cont1 Pkg Serial NO:		Origin Non US St:	
C1 Pkg Last Test Dt:		Origin Country:	

C1 Test Const Mat:
C1 Pkg Dsign Pres.:
C1 Dsign Press UOM:
C1 Pkg Shell Thick:
C1 Shell Thick UOM:
C1 Head Thickness:
C1 Head Thick UOM:
C1 Pkg Srvc Pres.:
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfr:
C1 Device Model:
NRC No:

Destination City: BALTIMORE
Destination State: MARYLAND
Destination Postal: 21230
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity:
Cont2 Capacity UOM:
Cont2 Pkg Amount:
Cont2 Pkg Amt UOM:
Cont2 Pkg No:
Cont2 Pkg No Failed:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted:
RAM UOM Rpted:
RAM Activity:
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 500
Damage Old Form: 0
Total Damages Amt: 500
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respntrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatafs: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Haz NonHosp Public: 0
Haz NonHosp Old: 0
Tot Haz Non Hosp Inj: 0
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: GARY M MOORE
Contact Title: SAFETY DIRECTOR
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: OHMIR.Ref_Container.descr_txt
HMIS Container Code: DRUM MTL
HMIS Container Desc: Metal drum
HMIS Bulk Incident: No
Undeclared Shipment: No

DRIVER ENROUTE TO DESTINATION WAS STOPPED AT KEY BRIDGE IN BALTIMORE MD. DRIVER NOTICED SMALL DRIP ON RIGHT SIDE OF TRAILER HE IMMEDIATELY NOTIFIED DART SAFETY DEPARTMENT. CLEAN HARBORS ENVIRONMENTAL SERVICES WAS NOTIFIED AND THEY RESPONDED TO THE SCENE. MARYLAND DEPT. OF ENVIRONMENT WAS AT SCENE AND ADVISED CLEAN HARBORS TO MOVE TRAILER TO AN ISOLATED AREA IN ORDER TO INSPECT TRAILER AND LOCATE LEAKING DRUM. CLEAN HARBORS PROCEEDED TO LOCATE DRUM CLEAN UP TRAILER AND OVER PACK DRUM. THEY ALSO CHECKED DRUMS AND TIGHTENED DRUMS. DRIVER WAS THEN ABLE TO PROCEED. NRC-CONFIRMATION #535788

Recommend Actions Taken:

Incident Cnty:

BALTIMORE

HMIR Incident Reports

Report No:	I-1997080269	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	10/23/1996	Report Submit Src:	Paper
Time of Incident:	1015	Inc Multiple Rows:	No
Haz Class Code:	8	Inc Non US State:	
Hazardous Class:	CORROSIVE MATERIAL	Mode Transport:	Highway
Commodity Short Nm:	FERRIC CHLORIDE SOLUTION	Transport Phase:	IN TRANSIT
Commodity Long Nm:	FERRIC CHLORIDE SOLUTION	Incident Occrrnce:	
Trade Name:	EPA WASTE CODES D007	Mat Ship Approval?:	No
ID No:	UN2582	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	AMERICAN TANK TRANSPORT INC
Qty Released:	0	CR Street Name:	1628 CHESAPEAKE AVE
Unit of Measure:		CR City:	BALTIMORE
What Failed:	102; 141	CR State:	MD
What Failed Desc:	Auxiliary Valve; Piping or Fittings	CR Postal Code:	21226-1001
How Failed Code:	303;	CR Non US State:	
How Failed Desc:	Burst or Ruptured;	CR Fed DOT ID:	178017
Failure Cause Code:	;	CR Hazmat Reg ID:	
Failure Cause Desc:	;	CR Country:	US
Ident. Markings:		Shipper Name:	P V S TECHNOLOGIES
Cont1 Pkging Type:		Shipper Street Name:	
Cont1 Const Mat:		Shipper City:	EDGEMOOR
Cont1 Head Type:		Shipper State:	DE
Cont1 Pkg Capacity:	5000	Shipper Postal:	N/A
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:		Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	154309
Cont1 Pkg Number:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	EDGEMOOR
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	Origin State:	DELAWARE
Cont1 Pkg Mnfc Dt:		Origin Postal:	19809
Cont1 Pkg Serial NO:	4BUCEC1BXR	Origin Non US St:	
C1 Pkg Last Test Dt:		Origin Country:	US
C1 Test Const Mat:		Destination City:	ELRAMA
C1 Pkg Dsign Pres.:		Destination State:	PENNSYLVANIA
C1 Dsign Press UOM:		Destination Postal:	15038
C1 Pkg Shell Thick:		Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:		Cont2 Package Type:	
C1 Head Thick UOM:		Cont2 Const Mat:	
C1 Pkg Srvc Pres.:		Cont2 Pkg Capacity:	
C1 Srvc Press UOM:		Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:		Cont2 Pkg No:	
C1 Device Model:		Cont2 Pkg No Failed:	
NRC No:	365316		
RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	0
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	0
RAM Nuclide S:		Total Hazmat Injuries:	0
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:		Employees Evac:	0
RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:		Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No

RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	Yes	Material Involved:	No
Fire Result:	No	Estimated Speed:	0
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	No	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	Yes	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	No	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	J. DAVID SHAEFFER
Damage > 500:	No	Contact Title:	OPERATIONS MANAGER
Material Loss:	0	Contact Business:	
Carrier Damage:	0	Contact Street:	
Property Damage:	0	Contact City:	
Response Cost:	0	Contact State:	
Remediation Cost:	0	Contact Postal:	
Damage Old Form:	0	Contact Non US St:	
Total Damages Amt:	0	Contact Country:	US
Hazmat Fatality:	No	Inc. Report Prepared:	
Haz Fatal Employees:	0	HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat Fatafs:	0	HMIS Major Artery:	No
Hazmat Injury:	No	HMIS Bulk Release:	No
Haz Hospital Empl:	0	HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0	HMIS Radioactive:	No
Haz Hosp Gen Public:	0	HMIS Gen Pkg Type:	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	HMIS Container Code:	MC312
Total Haz Hosp Inj:	0	HMIS Container Desc:	Cargo tanks
Haz Non Hosp Empl:	0	HMIS Bulk Incident:	Yes
Haz Non Hosp Resp:	0	Undeclared Shipment:	No
Description of Events:	AS TRUCK STOPPED TO PAY TOLL A SMALL AMOUNT OF PRODUCT SPRAYED OUT OF PIPE LEADING FROM RUPTURE DISK. WE BELIEVE THE RUPTURE DISK FAILED DUE TO SLOPPING OF PRODUCT. AUTHORITIES WERE CALLED. MDE OVERSAW CLEANUP AT SCENE. MINIMAL LOSS AND NO DAMAGE TO PROPERTY. RUPTURE DISKS SHOULD BE REPLACED WITH SELF CLOSING PRESSURE RELIEF VALVES.		

Recommend Actions Taken:

Site: INTERSTATE AMIESITE
WHARF ROAD SPARROWS POINT MD 21219

ICIS

EPA Region: 03
FRS Facility UIN: 110062687677
Program Syst ID: MD0000002400500111
Prog Sys Acronym: AIR
Permit Type:

Federal Facility ID:
Tribal Land Code:
County: Baltimore
Latitude:
Longitude:

--Details--

EA Identifier: MD000A0000240050011100008
EA Type Code: CIV
EA Type Desc: Civil Judicial Action
EA Name: INTERSTATE AMIESITE 240050011100008

Enf Act Forum Dsc: Judicial
Fac NAICS Code: 324121
Facility SIC Code: 2951

Site: I A CONSTRUCTION CORP
WHARF RD SPARROWS POINT MD 21219

OCP

Case No: 8-0186BA
Reg No: 16373
Status: CLOSED
Code:
Code Desc:
Release:

Cleanup:
Date Open: 7/22/1987
Date Closed: 3/24/1988
County: BALTIMORE COUNTY

Site: BALTIMORE COUNTY BOARD OF EDUCATION
SPARROWS POINT RD EDGEMERE MD 21219

OCP

Case No: 8-0373BA4
Reg No:
Status: CLOSED
Code:
Code Desc:
Release:
Cleanup:
Date Open: 8/27/1987
Date Closed: 9/30/2004
County: BALTIMORE COUNTY

Site: DETRICH INDUSTRIES
BETHLEHEM BLVD BALTIMORE MD 21219

OCP

Case No: 99-2371BA4
Reg No:
Status: CLOSED
Code: A-4
Code Desc: Dumping
Release: YES
Cleanup: YES
Date Open: 3/26/1999
Date Closed: 6/18/1999
County: BALTIMORE COUNTY

Site: IA CONSTRUCTION CORP - SPARROWS POINT
WHARF RD SPARROWS POINT MD 21219

RCRA CESQG

EPA Handler ID: MDD022459465
Gen Status Universe: Conditionally Exempt Small Quantity Generator
Contact Name: PAUL TAYLOR
Contact Address: WHARF RD, , SPARROWS POINT, MD, 21219, US
Contact Phone No and Ext: 301-477-4200
Contact Email:
Contact Country: US
EPA Region: 03
County Name: BALTIMORE
Land Type: Private
Receive Date:

Violation/Evaluation Summary

Note: NO RECORDS: As of May 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No

Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Details

Receive Date: 19850410
Handler Name: IA CONSTRUCTION CORP - SPARROWS POINT
Generator Status Universe: CEG

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: F002
Waste Code Description: 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: P
Name: IA CONSTRUCTION CORP
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: N

Street No:
Street 1: OWNERSTREET
Street 2:
City: OWNERCITY
State: AK
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: P
Name: OPERNAME
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: N

Street No:
Street 1: OPERSTREET
Street 2:
City: OPERCITY
State: AK
Country:
Zip Code: 99999

Site: US FILTER RECOVERY SERVICES
GATE G BETHLEHEM BLVD SPARROWS POINT MD 21219

RCRA NON GEN

EPA Handler ID: MDD003068707
Gen Status Universe: No Report
Contact Name: KIMBERLY SCHULT
Contact Address: 1105 NORTH POINT BLVD, SUITE 310, SPARROWS POINT, MD, 21219, US
Contact Phone No and Ext: 410-284-1217 234
Contact Email:
Contact Country: US
EPA Region: 03
County Name: BALTIMORE
Land Type: Private
Receive Date:

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated May, 2018.

Evaluation Details

Evaluation Start Date: 19970224
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Details

Receive Date: 20040615
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Receive Date: 20040303
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Waste Code Details

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Details

Receive Date: 20010605
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Waste Code Details

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007

Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Details

Receive Date: 20010605
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F002
Waste Code Description: 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: K087
Waste Code Description: DECANter TANK TAR SLUDGE FROM COKING OPERATIONS.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Details

Receive Date: 20010605
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Waste Code Details

Hazardous Waste Code: K087
Waste Code Description: DECANter TANK TAR SLUDGE FROM COKING OPERATIONS.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: K062
Waste Code Description: SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F002
Waste Code Description: 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Details

Receive Date: 20000327
Handler Name: USFILTER RECOVERY SERVICES
Generator Status Universe: No Report

Receive Date: 19900221
Handler Name: PORI INTERNATIONAL INC.
Generator Status Universe: No Report

Receive Date: 19801118
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	OPERSTREET
Name:	OPERNAME	Street 2:	
Date Became Current:		City:	OPERCITY
Date Ended Current:		State:	AK
Phone:	215-555-1212	Country:	
Source Type:	A	Zip Code:	99999

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	US FILTER RECOVERY SERVICES	Street 2:	
Date Became Current:	19970301	City:	
Date Ended Current:		State:	
Phone:		Country:	
Source Type:	I	Zip Code:	

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	5111 NORTH POINT BLVD
Name:	ISG SPARROWS POINT	Street 2:	
Date Became Current:	20050523	City:	SPARROWS POINT
Date Ended Current:		State:	MD
Phone:		Country:	US
Source Type:	N	Zip Code:	21219

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	5111 NORTH POINT BLVD
Name:	ISG SPARROWS POINT	Street 2:	
Date Became Current:	20050523	City:	SPARROWS POINT
Date Ended Current:		State:	MD
Phone:		Country:	US
Source Type:	I	Zip Code:	21219

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	1105 NORTH POINT BLVD
Name:	US FILTER RECOVERY SERVICES	Street 2:	SUITE 310
Date Became Current:	19970301	City:	BALTIMORE
Date Ended Current:		State:	MD
Phone:	410-284-1717	Country:	
Source Type:	N	Zip Code:	21224

Site: BOISE CASCADE COMPOSITE CAN DIV

EPA Handler ID: MDD980919294
Gen Status Universe: No Report
Contact Name:
Contact Address: US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
EPA Region: 03
County Name: BALTIMORE
Land Type:
Receive Date:

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated May, 2018.

Evaluation Details

Evaluation Start Date: 19960126
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Details

Receive Date: 19960126
Handler Name: BOISE CASCADE COMPOSITE CAN DIV
Generator Status Universe: No Report

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Details

Receive Date: 19840524
Handler Name: BOISE CASCADE COMPOSITE CAN DIV
Generator Status Universe: No Report

Waste Code Details

Hazardous Waste Code: D001

Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: BOISE CASCADE COMPOSITE CAN DIV
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: N

Street No:
Street 1: OWNERSTREET
Street 2:
City: OWNERCITY
State: AK
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: OPERNAME
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: I

Street No:
Street 1: OPERSTREET
Street 2:
City: OPERCITY
State: AK
Country:
Zip Code: 99999

Site: ZARNAS, G C & CO INC
SPARROWS POINT RD SPARROWS POINT MD 21219

[RCRA SQG](#)

EPA Handler ID: MDD981734031
Gen Status Universe: Small Quantity Generator
Contact Name: GUST ZARNAS
Contact Address: SPARROWS POINT RD, , SPARROWS POINT, MD, 21219, US
Contact Phone No and Ext: 215-866-0923
Contact Email:
Contact Country: US
EPA Region: 03
County Name: BALTIMORE
Land Type: Private
Receive Date:

Violation/Evaluation Summary

Note: NO RECORDS: As of May 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Details

Receive Date: 19860924
Handler Name: ZARNAS, G C & CO INC
Generator Status Universe: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: OPERNAME
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: N

Street No:
Street 1: OPERSTREET
Street 2:
City: OPERCITY
State: AK
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: ZARNAS, G C & CO INC
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: N

Street No:
Street 1: OWNERSTREET
Street 2:
City: OWNERCITY
State: AK
Country:
Zip Code: 99999

Site: **US FILTER RECOVERY SERVICES**
GATE G BETHLEHEM BLVD SPARROWS POINT MD 21219

RCRA TSD

EPA Handler ID: MDD003068707
Gen Status Universe: No Report
Contact Name: KIMBERLY SCHULT
Contact Address: 1105 NORTH POINT BLVD, SUITE 310, SPARROWS POINT, MD, 21219, US
Contact Phone No and Ext: 410-284-1217 234
Contact Email:
Contact Country: US
EPA Region: 03
County Name: BALTIMORE
Land Type: Private
Receive Date:

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated May, 2018.

Evaluation Details

Evaluation Start Date: 19970224
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No

Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Details

Receive Date: 20040615
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Receive Date: 20040303
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Waste Code Details

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Details

Receive Date: 20010605
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Waste Code Details

Hazardous Waste Code: F002
Waste Code Description: 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM
Hazardous Waste Code:	F008
Waste Code Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	K087
Waste Code Description:	DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS.
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE
<u>Hazardous Waste Details</u>	
Receive Date:	20010605
Handler Name:	US FILTER RECOVERY SERVICES
Generator Status Universe:	No Report
<u>Waste Code Details</u>	
Hazardous Waste Code:	F002
Waste Code Description:	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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F008
Waste Code Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	K062
Waste Code Description:	SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.

Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.
Hazardous Waste Code:	F007
Waste Code Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Hazardous Waste Code:	D006
Waste Code Description:	CADMIUM
Hazardous Waste Code:	D009
Waste Code Description:	MERCURY
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	F006
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Hazardous Waste Code:	K087
Waste Code Description:	DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS.

Hazardous Waste Details

Receive Date:	20010605
Handler Name:	US FILTER RECOVERY SERVICES
Generator Status Universe:	No Report

Waste Code Details

Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM
Hazardous Waste Code:	D011
Waste Code Description:	SILVER
Hazardous Waste Code:	D009
Waste Code Description:	MERCURY
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE

Hazardous Waste Details

Receive Date:	20000327
Handler Name:	USFILTER RECOVERY SERVICES

Generator Status Universe: No Report

Receive Date: 19900221
Handler Name: PORI INTERNATIONAL INC.
Generator Status Universe: No Report

Receive Date: 19801118
Handler Name: US FILTER RECOVERY SERVICES
Generator Status Universe: No Report

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: US FILTER RECOVERY SERVICES
Date Became Current: 19970301
Date Ended Current:
Phone:
Source Type: I

Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Name: ISG SPARROWS POINT
Date Became Current: 20050523
Date Ended Current:
Phone:
Source Type: I

Street No:
Street 1: 5111 NORTH POINT BLVD
Street 2:
City: SPARROWS POINT
State: MD
Country: US
Zip Code: 21219

Owner/Operator Ind: Current Operator
Type: Private
Name: OPERNAME
Date Became Current:
Date Ended Current:
Phone: 215-555-1212
Source Type: A

Street No:
Street 1: OPERSTREET
Street 2:
City: OPERCITY
State: AK
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: US FILTER RECOVERY SERVICES
Date Became Current: 19970301
Date Ended Current:
Phone: 410-284-1717
Source Type: N

Street No:
Street 1: 1105 NORTH POINT BLVD
Street 2: SUITE 310
City: BALTIMORE
State: MD
Country:
Zip Code: 21224

Owner/Operator Ind: Current Owner
Type: Private
Name: ISG SPARROWS POINT
Date Became Current: 20050523
Date Ended Current:
Phone:
Source Type: N

Street No:
Street 1: 5111 NORTH POINT BLVD
Street 2:
City: SPARROWS POINT
State: MD
Country: US
Zip Code: 21219

Site:
Bethlehem Boulevard I-695 Dundalk MD 21222

SPILLS

Data ID: 28115
Incident ID: 0
User ID: 318
Position ID: 126
Prev Data ID: 28101
Cmn Entry Type: MDE
Incident Type: Transportation
Product: Hydraulic Oil
Other Product:
Entry Date: 2015-06-11 18:20:16.623000000
Water Way:
Water Name:
MDE Resp Party:
MDE Resp Party

Source: Tractor Trailer
Spill Date Time: 06/11/2015 12:50:48
MDE Qty Release: unk
MDE Stopped: No
MDE Contained: No
MDE Removed:
MDE Action Taken:
MDE Incident Cd: Oil
MDE Originating User: C.Webster
MDE if Other:
MDE DFM Respond: Yes
MDE Comp Agency: MdTAP
MDE on Scene: Yes
MDE ADC:

Addr:
MDE Resp No1:
MDE Resp No2:
MDE Attention:
MDE DFM Assigned:
MDE Refer Agency:
MDE RC Phone1:
MDE RC Phone2:
MDE RC Fax:
Global ID:
MDE Original Complaint: TCO Faircloth
MDE Complaint Address:
MDE Incident Information: Blown tire damaged hydraulic hose at pump.
tdh: MdTAP requested cancellation of response. Due to incomplete information on spill being cleaned up 5603 directed units dispatched to continue in to location.

MDE Corrective Action:
MDE Spill Cause: MDTAP on scene with a leaking hydraulic fluid line from a crane truck. Request ERD response.
MDE Quantity Avail: unk
MDE Spill Day of Week: Thursday
MDE Day of Week: Thursday
MDE After Hours Response: No
MDE Time of Dispatch: 06/11/2015 12:57:55
MDE Time of Arrival: 06/11/2015 13:20:07
MDE ERD Time In Service: 06/11/2015 14:20:07
MDE Referred Date Time:
MDE Dispatch Date Time:
MDE Talking Grp Channel:
MDE Hwy Coordinator: I-695
MDE Prim Call Back No: (410) 537-8030
MDE Scndry Call Back No:
MDE Best Route Travel:
MDE No Action Explain:
MDE Referred Notes:
Common Incident Code:
Common Date Time: 2015-06-11 16:48:55
Common Incident County: Baltimore County
Common Attachment 1 Title:
Common Attachment 1 File:
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site: On ramp
ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)
Edgemere MD 21219

SPILLS

Data ID:	58462	Source:	Saddle Tank
Incident ID:	0	Spill Date Time:	03/03/2017 11:10
User ID:	175	MDE Qty Release:	100
Position ID:	126	MDE Stopped:	Unknown
Prev Data ID:	58371	MDE Contained:	Unknown
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	M Imbierowicz
Entry Date:	2017-03-06 15:25:18.237000000	MDE if Other:	
Water Way:	Ground	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	BA Co 911
MDE Resp Party:	BALTIMORE SCRAP	MDE on Scene:	Yes
MDE Resp Party	3000 VERA STREET	MDE ADC:	45 C 9
Addr:	BALTIMORE, MARYLAND 21224		
MDE Resp No1:	410-355-4455	MMDE ERD to Call:	5607, 5404
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:	JIM EFFRON OR JEFF ROSS	MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	

MDE RC Phone1:		The Geometry:
MDE RC Phone2:		Latitude:
MDE RC Fax:		Longitude:
Global ID:		
MDE Original Complaint:	Lt Milby	
MDE Complaint Address:		
MDE Incident Information:	ERD pumped 20 gals. Estimated 100 gals. spilled. 16 dust TRIUMVIRATE ENVIRONMENTAL HIRED BY THE R.P.	
MDE Corrective Action:		
MDE Spill Cause:	MVA w/ tractor trailer	
MDE Quantity Avail:	Unknown	
MDE Spill Day of Week:	Friday	
MDE Day of Week:	Friday	
MDE After Hours Response:	No	
MDE Time of Dispatch:	03/03/2017 11:20:57	
MDE Time of Arrival:	03/03/2017 11:35:00	
MDE ERD Time In Service:	03/03/2017	
MDE Referred Date Time:		
MDE Dispatch Date Time:		
MDE Talking Grp Channel:		
MDE Hwy Coordinator:	I-695	
MDE Prim Call Back No:	410-307-2052	
MDE Scndry Call Back No:		
MDE Best Route Travel:	Bottom of the Ramp	
MDE No Action Explain:		
MDE Referred Notes:	1550 HRS: RECEIVED NOTIFICATION FROM RESPONSIBLE PART [GLD]	
Common Incident Code:		
Common Date Time:	2017-03-03 16:12:51	
Common Incident County:	Baltimore	
Common Attachment 1 Title:		
Common Attachment 1 File:		
Common Attachment 2 Title:		
Common Attachment 2 File:		
Common Attachment 3 Title:		
Common Attachment 3 File:		
Common Attachment 4 Title:		
Common Attachment 4 File:		

Site: On ramp
ramp from Peninsula expressway to 695 Edgemere MD 21219

SPILLS

Data ID:	58374	Source:	Saddle Tank
Incident ID:	0	Spill Date Time:	03/03/2017 11:10
User ID:	321	MDE Qty Release:	
Position ID:	126	MDE Stopped:	Unknown
Prev Data ID:	58371	MDE Contained:	Unknown
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	M Imbierowicz
Entry Date:	2017-03-03 16:21:26.037000000	MDE if Other:	
Water Way:		MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	BA Co 911
MDE Resp Party:		MDE on Scene:	Yes
MDE Resp Party Addr:		MDE ADC:	45 C 9
MDE Resp No1:		MMDE ERD to Call:	5607, 5404
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:	Lt Milby		
MDE Complaint Address:			
MDE Incident Information:			
MDE Corrective Action:			

MDE Spill Cause: MVA w/ tractor trailer
MDE Quantity Avail:
MDE Spill Day of Week: Friday
MDE Day of Week: Friday
MDE After Hours Response: No
MDE Time of Dispatch: 03/03/2017 11:20:57
MDE Time of Arrival:
MDE ERD Time In Service:
MDE Referred Date Time:
MDE Dispatch Date Time:
MDE Talking Grp Channel:
MDE Hwy Coordinator: I-695
MDE Prim Call Back No: 410-307-2052
MDE Scndry Call Back No:
MDE Best Route Travel:
MDE No Action Explain:
MDE Referred Notes:
Common Incident Code:
Common Date Time: 2017-03-03 16:12:51
Common Incident County: Baltimore
Common Attachment 1 Title:
Common Attachment 1 File:
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site: Roadway - off the right shoulder
 I-695 inner loop Baltimore (Golden Ring) MD

SPILLS

Data ID:	63007	Source:	Tractor Trailer
Incident ID:	0	Spill Date Time:	03/18/2017 13:00:07
User ID:	175	MDE Qty Release:	Unk
Position ID:	126	MDE Stopped:	No
Prev Data ID:	58931	MDE Contained:	No
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	Schneeman
Entry Date:	2017-03-20 13:32:56.977000000	MDE if Other:	
Water Way:	Unknown	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	ERTS
MDE Resp Party:		MDE on Scene:	
MDE Resp Party Addr:		MDE ADC:	
MDE Resp No1:		MMDE ERD to Call:	5606, 5607
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:	Schlotterbeck -5604	MDE Dis Phone:	
MDE Refer Agency:	MDE ERD	Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:	Andrew Little		
MDE Complaint Address:			
MDE Incident Information:	ERD pumped leaking saddle. Tanks isolated with valves. ERD & FD deployed 5 dust & 1 pads. RP thru ERTS hired ACE Environmental to remediate ditch.		
MDE Corrective Action:			
MDE Spill Cause:	1256 TLS- Caller reporting ruptured saddle tank on TT caused by road debris striking saddle tank - ACE Environmental 1258 TLS- Baltimore County Dispatcher 1104 called requesting MDE Response		
MDE Quantity Avail:	Unk		
MDE Spill Day of Week:	Saturday		
MDE Day of Week:	Saturday		
MDE After Hours Response:	Yes		
MDE Time of Dispatch:	03/18/2017 13:00:00		

MDE Time of Arrival: 03/18/2017 13:30:00
MDE ERD Time In Service: 03/18/2017 15:05:00
MDE Referred Date Time: 03/18/2017 12:58:00
MDE Dispatch Date Time:
MDE Talking Grp Channel:
MDE Hwy Coordinator:
MDE Prim Call Back No: 440-349-2700-318
MDE Scndry Call Back No:
MDE Best Route Travel: between exits 33 and 34 (Philadelphia Rd. & Pulaski Highway exits)
MDE No Action Explain:
MDE Referred Notes:
Common Incident Code:
Common Date Time: 2017-03-18 16:56:09
Common Incident County: Baltimore
Common Attachment 1 Title:
Common Attachment 1 File:
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site:

I-695 Baltimore MD

SPILLS

Data ID:	58938	Source:	Tractor Trailer
Incident ID:	0	Spill Date Time:	03/18/2017 13:00:07
User ID:	1313	MDE Qty Release:	Unk
Position ID:	133	MDE Stopped:	No
Prev Data ID:	58931	MDE Contained:	No
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	Schneeman
Entry Date:	2017-03-18 17:03:19.570000000	MDE if Other:	
Water Way:	Unknown	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	ERTS
MDE Resp Party:		MDE on Scene:	
MDE Resp Party		MDE ADC:	
Addr:		MMDE ERD to Call:	
MDE Resp No1:		MDE Dis Name1:	
MDE Resp No2:		MDE Dis Agency:	
MDE Attention:		MDE Dis Phone:	
MDE DFM Assigned:	Schlotterbeck -5604	Email Title:	
MDE Refer Agency:	MDE ERD	The Geometry:	
MDE RC Phone1:		Latitude:	
MDE RC Phone2:		Longitude:	
MDE RC Fax:			
Global ID:			
MDE Original Complaint:	Andrew Little		
MDE Complaint Address:			
MDE Incident Information:			
MDE Corrective Action:			
MDE Spill Cause:	1256 TLS- Caller reporting ruptured saddle tank on TT caused by road debris striking saddle tank - ACE Environmental 1258 TLS- Baltimore County Dispatcher 1104 called requesting MDE Response		
MDE Quantity Avail:	Unk		
MDE Spill Day of Week:	Saturday		
MDE Day of Week:	Saturday		
MDE After Hours Response:			
MDE Time of Dispatch:			
MDE Time of Arrival:			
MDE ERD Time In Service:			
MDE Referred Date Time:	03/18/2017 13:00:00		
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:			
MDE Prim Call Back No:	440-349-2700-318		

MDE Scndry Call Back No:
MDE Best Route Travel: between exits 33 and 34 Interloop
MDE No Action Explain:
MDE Referred Notes:
Common Incident Code:
Common Date Time: 2017-03-18 16:56:09
Common Incident County: Baltimore
Common Attachment 1 Title:
Common Attachment 1 File:
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site: I-695 Baltimore MD SPILLS

Data ID:	59002	Source:	Tractor Trailer
Incident ID:	0	Spill Date Time:	03/18/2017 13:00:07
User ID:	175	MDE Qty Release:	Unk
Position ID:	126	MDE Stopped:	No
Prev Data ID:	58931	MDE Contained:	No
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	Schneeman
Entry Date:	2017-03-20 13:30:27.417000000	MDE if Other:	
Water Way:	Unknown	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	ERTS
MDE Resp Party:		MDE on Scene:	
MDE Resp Party Addr:		MDE ADC:	
MDE Resp No1:		MMDE ERD to Call:	5606, 5607
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:	Schlotterbeck -5604	MDE Dis Phone:	
MDE Refer Agency:	MDE ERD	Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:	Andrew Little		
MDE Complaint Address:			
MDE Incident Information:	ERD pumped leaking saddle. Tanks isolated with valves. ERD & FD deployed 5 dust & 1 pads. RP thru ERTS hired ACE Environmental		
MDE Corrective Action:			
MDE Spill Cause:	1256 TLS- Caller reporting ruptured saddle tank on TT caused by road debris striking saddle tank - ACE Environmental		
	1258 TLS- Baltimore County Dispatcher 1104 called requesting MDE Response		
MDE Quantity Avail:	Unk		
MDE Spill Day of Week:	Saturday		
MDE Day of Week:	Saturday		
MDE After Hours Response:	Yes		
MDE Time of Dispatch:	03/18/2017 13:00:00		
MDE Time of Arrival:	03/18/2017 13:30:00		
MDE ERD Time In Service:	03/18/2017 15:05:00		
MDE Referred Date Time:	03/18/2017 13:00:00		
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:			
MDE Prim Call Back No:	440-349-2700-318		
MDE Scndry Call Back No:			
MDE Best Route Travel:	between exits 33 and 34 Interloop		
MDE No Action Explain:			
MDE Referred Notes:			
Common Incident Code:			
Common Date Time:	2017-03-18 16:56:09		

Common Incident County: Baltimore
Common Attachment 1 Title:
Common Attachment 1 File:
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site:

I-695 Baltimore MD

SPILLS

Data ID:	59001	Source:	Tractor Trailer
Incident ID:	0	Spill Date Time:	03/18/2017 13:00:07
User ID:	1515	MDE Qty Release:	Unk
Position ID:	126	MDE Stopped:	No
Prev Data ID:	58931	MDE Contained:	No
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	Schneeman
Entry Date:	2017-03-18 19:15:10.600000000	MDE if Other:	
Water Way:	Unknown	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	ERTS
MDE Resp Party:		MDE on Scene:	
MDE Resp Party		MDE ADC:	
Addr:			
MDE Resp No1:		MMDE ERD to Call:	5606, 5607
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:	Schlotterbeck -5604	MDE Dis Phone:	
MDE Refer Agency:	MDE ERD	Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:	Andrew Little		
MDE Complaint Address:			
MDE Incident Information:			
MDE Corrective Action:			
MDE Spill Cause:	1256 TLS- Caller reporting ruptured saddle tank on TT caused by road debris striking saddle tank - ACE Environmental 1258 TLS- Baltimore County Dispatcher 1104 called requesting MDE Response Unk		
MDE Quantity Avail:			
MDE Spill Day of Week:	Saturday		
MDE Day of Week:	Saturday		
MDE After Hours Response:	Yes		
MDE Time of Dispatch:	03/18/2017 13:00:00		
MDE Time of Arrival:			
MDE ERD Time In Service:	3/18/2017 15:05		
MDE Referred Date Time:	03/18/2017 13:00:00		
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:			
MDE Prim Call Back No:	440-349-2700-318		
MDE Scndry Call Back No:			
MDE Best Route Travel:	between exits 33 and 34 Interloop		
MDE No Action Explain:			
MDE Referred Notes:			
Common Incident Code:			
Common Date Time:	2017-03-18 16:56:09		
Common Incident County:	Baltimore		
Common Attachment 1 Title:			
Common Attachment 1 File:			
Common Attachment 2 Title:			
Common Attachment 2 File:			
Common Attachment 3 Title:			
Common Attachment 3 File:			

Site: I-695 NORTH
I-695 NORTH BALTIMORE MD

SPILLS

Data ID: 47949
Incident ID: 0
User ID: 864
Position ID: 133
Prev Data ID: 8414
Cmn Entry Type: MDE
Incident Type: Transportation
Product: Other
Other Product: ETHYLENE GLYCOL
Entry Date: 2013-11-05 11:54:39.417000000
Water Way:
Water Name:
MDE Resp Party:
MDE Resp Party Addr:
MDE Resp No1:
MDE Resp No2:
MDE Attention:
MDE DFM Assigned:
MDE Refer Agency:
MDE RC Phone1:
MDE RC Phone2:
MDE RC Fax:
Global ID:
MDE Original Complaint: LEONARD BRADISH
MDE Complaint Address: 260 W. DICKMAN ST
BALTIMORE, MD 21230

MDE Incident Information:

MDE Corrective Action:

MDE Spill Cause: CALLER STATED THAT THEY BLEW A RADIATOR HOSE ON A VEHICLE AND THEY DISCHARGED LESS THAN 2 GALLONS OF ANTI FREEZE ONTO ASPHALT.
unknown

MDE Quantity Avail:

MDE Spill Day of Week:

MDE Day of Week: Tuesday

MDE After Hours Response:

MDE Time of Dispatch:

MDE Time of Arrival:

MDE ERD Time In Service:

MDE Referred Date Time:

MDE Dispatch Date Time:

MDE Talking Grp Channel:

MDE Hwy Coordinator: I-695
MDE Prim Call Back No: (410)3475167

MDE Scndry Call Back No:

MDE Best Route Travel:

MDE No Action Explain:

MDE Referred Notes:

Common Incident Code:

Common Date Time: 2013-11-05 11:51:26

Common Incident County: Baltimore City

Common Attachment 1 Title: NRC

Common Attachment 1 File: 1318

Common Attachment 2 Title:

Common Attachment 2 File:

Common Attachment 3 Title:

Common Attachment 3 File:

Common Attachment 4 Title:

Common Attachment 4 File:

Source: Car
Spill Date Time: Nov 5 2013 11:51AM
MDE Qty Release: 2 gallons
MDE Stopped: Yes
MDE Contained: Yes
MDE Removed:
MDE Action Taken:
MDE Incident Cd: Other
MDE Originating User: DKershner
MDE if Other: Coolant
MDE DFM Respond:
MDE Comp Agency: REPUBLIC SERVICES INC.
MDE on Scene:
MDE ADC:

MMDE ERD to Call:

MDE Dis Name1:

MDE Dis Agency:

MDE Dis Phone:

Email Title:

The Geometry:

Latitude:

Longitude:

Site: I-695 NORTH
I-695 NORTH BALTIMORE MD

SPILLS

Data ID: 48055
Incident ID: 0
User ID: 1854
Position ID: 133
Prev Data ID: 8414
Cmn Entry Type: MDE
Incident Type: Transportation
Product: Other
Other Product: ETHYLENE GLYCOL
Entry Date: 2016-07-07 21:15:24.690000000
Water Way:
Water Name:
MDE Resp Party:
MDE Resp Party Addr:
MDE Resp No1:
MDE Resp No2:
MDE Attention:
MDE DFM Assigned:
MDE Refer Agency:
MDE RC Phone1:
MDE RC Phone2:
MDE RC Fax:
Global ID:
MDE Original Complaint: LEONARD BRADISH
MDE Complaint Address: 260 W. DICKMAN ST
 BALTIMORE, MD 21230

MDE Incident Information:

MDE Corrective Action:
MDE Spill Cause: CALLER STATED THAT THEY BLEW A RADIATOR HOSE ON A VEHICLE AND THEY DISCHARGED LESS THAN 2 GALLONS OF ANTI FREEZE ONTO ASPHALT.
MDE Quantity Avail: unknown

MDE Spill Day of Week:
MDE Day of Week: Tuesday

MDE After Hours Response:
MDE Time of Dispatch:
MDE Time of Arrival:

MDE ERD Time In Service:

MDE Referred Date Time:

MDE Dispatch Date Time:

MDE Talking Grp Channel:

MDE Hwy Coordinator: I-695
MDE Prim Call Back No: (410)3475167

MDE Scndry Call Back No:

MDE Best Route Travel:

MDE No Action Explain:

MDE Referred Notes:

Common Incident Code:

Common Date Time: 2013-11-05 11:51:26

Common Incident County: Baltimore City

Common Attachment 1 Title: NRC

Common Attachment 1 File: 1318

Common Attachment 2 Title:

Common Attachment 2 File:

Common Attachment 3 Title:

Common Attachment 3 File:

Common Attachment 4 Title:

Common Attachment 4 File:

Source: Car
Spill Date Time: Nov 5 2013 11:51AM
MDE Qty Release: 2 gallons
MDE Stopped: Yes
MDE Contained: Yes
MDE Removed:
MDE Action Taken:
MDE Incident Cd: Other
MDE Originating User: DKershner
MDE if Other: Coolant
MDE DFM Respond:
MDE Comp Agency: REPUBLIC SERVICES INC.
MDE on Scene:
MDE ADC:

MMDE ERD to Call:

MDE Dis Name1:

MDE Dis Agency:

MDE Dis Phone:

Email Title:

The Geometry:

Latitude:

Longitude:

Site:

Bethlehem Boulevard I-695 Dundalk MD 21222

SPILLS

Data ID: 28102
Incident ID: 0
User ID: 24
Position ID: 133
Prev Data ID: 28101
Cmn Entry Type: MDE

Source: Tractor Trailer
Spill Date Time: 06/11/2015 12:50:48
MDE Qty Release: unk
MDE Stopped: No
MDE Contained: No
MDE Removed:

Incident Type:	Transportation	MDE Action Taken:	
Product:	Hydraulic Oil	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	C.Webster
Entry Date:	2015-06-11 16:56:35.700000000	MDE if Other:	
Water Way:		MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	MdTAP
MDE Resp Party:		MDE on Scene:	Yes
MDE Resp Party Addr:		MDE ADC:	
MDE Resp No1:		MMDE ERD to Call:	
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:	TCO Faircloth		
MDE Complaint Address:			
MDE Incident Information:			
MDE Corrective Action:			
MDE Spill Cause:	MDTAP on scene with a leaking hydrolic fluid line from a tractor trailer. Request ERD response.		
MDE Quantity Avail:	unk		
MDE Spill Day of Week:	Thursday		
MDE Day of Week:	Thursday		
MDE After Hours Response:			
MDE Time of Dispatch:			
MDE Time of Arrival:			
MDE ERD Time In Service:			
MDE Referred Date Time:			
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:	I-695		
MDE Prim Call Back No:	(410) 537-8030		
MDE Scndry Call Back No:			
MDE Best Route Travel:			
MDE No Action Explain:			
MDE Referred Notes:			
Common Incident Code:			
Common Date Time:	2015-06-11 16:48:55		
Common Incident County:	Baltimore County		
Common Attachment 1 Title:			
Common Attachment 1 File:			
Common Attachment 2 Title:			
Common Attachment 2 File:			
Common Attachment 3 Title:			
Common Attachment 3 File:			
Common Attachment 4 Title:			
Common Attachment 4 File:			

Site: I-695 NORTH
I-695 NORTH BALTIMORE MD

SPILLS

Data ID:	8414	Source:	Car
Incident ID:	0	Spill Date Time:	Nov 5 2013 11:51AM
User ID:	1314	MDE Qty Release:	2 gallons
Position ID:	126	MDE Stopped:	Yes
Prev Data ID:	0	MDE Contained:	Yes
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	
Product:	Other	MDE Incident Cd:	Other
Other Product:	ETHYLENE GLYCOL	MDE Originating User:	DKershner
Entry Date:	2016-07-11 10:09:50.923000000	MDE if Other:	Coolant
Water Way:		MDE DFM Respond:	No
Water Name:		MDE Comp Agency:	REPUBLIC SERVICES INC.
MDE Resp Party:		MDE on Scene:	
MDE Resp Party Addr:		MDE ADC:	

MDE Resp No1:		MMDE ERD to Call:
MDE Resp No2:		MDE Dis Name1:
MDE Attention:		MDE Dis Agency:
MDE DFM Assigned:		MDE Dis Phone:
MDE Refer Agency:		Email Title:
MDE RC Phone1:		The Geometry:
MDE RC Phone2:		Latitude:
MDE RC Fax:		Longitude:
Global ID:	CACF4057-A76F-43A5-93C0-4F0E3972F6D0	
MDE Original Complaint:	LEONARD BRADISH	
MDE Complaint Address:	260 W. DICKMAN ST BALTIMORE, MD 21230	
MDE Incident Information:		
MDE Corrective Action:		
MDE Spill Cause:	CALLER STATED THAT THEY BLEW A RADIATOR HOSE ON A VEHICLE AND THEY DISCHARGED LESS THAN 2 GALLONS OF ANTI FREEZE ONTO ASPHALT.	
MDE Quantity Avail:	unknown	
MDE Spill Day of Week:		
MDE Day of Week:	Tuesday	
MDE After Hours Response:		
MDE Time of Dispatch:		
MDE Time of Arrival:		
MDE ERD Time In Service:		
MDE Referred Date Time:		
MDE Dispatch Date Time:		
MDE Talking Grp Channel:		
MDE Hwy Coordinator:	I-695	
MDE Prim Call Back No:	(410)3475167	
MDE Scndry Call Back No:		
MDE Best Route Travel:		
MDE No Action Explain:		
MDE Referred Notes:		
Common Incident Code:		
Common Date Time:	2013-11-05 11:51:26	
Common Incident County:	Baltimore City	
Common Attachment 1 Title:	NRC	
Common Attachment 1 File:	1318	
Common Attachment 2 Title:		
Common Attachment 2 File:		
Common Attachment 3 Title:		
Common Attachment 3 File:		
Common Attachment 4 Title:		
Common Attachment 4 File:		

Site: Highway
I/L I695 Dundalk MD 21222

SPILLS

Data ID:		Source:	Unknown
Incident ID:		Spill Date Time:	Nov 20 2013 6:00PM
User ID:		MDE Qty Release:	Unk
Position ID:		MDE Stopped:	No
Prev Data ID:		MDE Contained:	Yes
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	
Product:	Medical Waste	MDE Incident Cd:	Med
Other Product:		MDE Originating User:	Molner
Entry Date:	28:07.3	MDE if Other:	
Water Way:	No/None	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	MSP CVED
MDE Resp Party:		MDE on Scene:	
MDE Resp Party Addr:		MDE ADC:	
MDE Resp No1:		MMDE ERD to Call:	5607
MDE Resp No2:		MDE Dis Name1:	Swann
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	

MDE RC Fax:
Global ID:
MDE Original Complaint: Trooper Pollock via HMT Hausner
MDE Complaint Address:
MDE Incident Information:
MDE Corrective Action: MSP on scene requesting ERD
MDE Spill Cause: Leaking containers of medical waste leaking on roadway
MDE Quantity Avail: Unk
MDE Spill Day of Week: Wednesday
MDE Day of Week: Wednesday
MDE After Hours Response: No
MDE Time of Dispatch: 11/20/2013 13:20
MDE Time of Arrival: 11/20/2013 13:55
MDE ERD Time In Service: 11/20/2013 15:25
MDE Referred Date Time:
MDE Dispatch Date Time:
MDE Talking Grp Channel:
MDE Hwy Coordinator: I-695
MDE Prim Call Back No:
MDE Scndry Call Back No:
MDE Best Route Travel: Just past North Point Blvd. Over pass
MDE No Action Explain: Deployed three bags of clay base sorbent
MDE Referred Notes:
Common Incident Code:
Common Date Time:
Common Incident County:
Common Attachment 1 Title:
Common Attachment 1 File:
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Longitude:

Site: Roadway - off the right shoulder
 I-695 Inner Loop Dundalk MD 21222

SPILLS

Data ID:		Source:	Saddle Tank
Incident ID:		Spill Date Time:	4/9/2015 14:30
User ID:		MDE Qty Release:	5
Position ID:		MDE Stopped:	Unknown
Prev Data ID:		MDE Contained:	Unknown
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	T Haney
Entry Date:	12:56.1	MDE if Other:	
Water Way:	Unknown	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	Baltimore County Fire Communications
MDE Resp Party:	Baltimore County Government	MDE on Scene:	Yes
MDE Resp Party Addr:		MDE ADC:	
MDE Resp No1:		MMDE ERD to Call:	5601, 5607
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:			
MDE Complaint Address:			
MDE Incident Information:	Pumped 35 , 2 dust		
MDE Corrective Action:	FD and FD Haz Mat Sat enroute		
MDE Spill Cause:	Trash truck in an accident		
MDE Quantity Avail:	Unknown		
MDE Spill Day of Week:	Thursday		

MDE Day of Week: Thursday
MDE After Hours Response: No
MDE Time of Dispatch: 4/9/2015 14:55
MDE Time of Arrival: 4/9/2015 15:15
MDE ERD Time In Service: 4/9/2015 16:00
MDE Referred Date Time:
MDE Dispatch Date Time:
MDE Talking Grp Channel:
MDE Hwy Coordinator: I-695
MDE Prim Call Back No: 410-307-2052
MDE Scndry Call Back No:
MDE Best Route Travel:
MDE No Action Explain:
MDE Referred Notes:
Common Incident Code:
Common Date Time:
Common Incident County:
Common Attachment 1 Title:
Common Attachment 1 File:
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site: Roadway - off the right shoulder
 I-695 inner loop Baltimore (Golden Ring) MD

SPILLS

Data ID: 68455
Incident ID: 0
User ID: 496
Position ID: 126
Prev Data ID: 58931
Cmn Entry Type: MDE
Incident Type: Transportation
Product: Diesel
Other Product:
Entry Date: 2017-06-29 18:17:28.337000000
Water Way: Unknown
Water Name:
MDE Resp Party:
MDE Resp Party Addr:
MDE Resp No1:
MDE Resp No2:
MDE Attention:
MDE DFM Assigned: Schlotterbeck -5604
MDE Refer Agency: MDE ERD
MDE RC Phone1:
MDE RC Phone2:
MDE RC Fax:
Global ID:

Source: Tractor Trailer
Spill Date Time: 03/18/2017 13:00:07
MDE Qty Release: Unk
MDE Stopped: No
MDE Contained: No
MDE Removed:
MDE Action Taken:
MDE Incident Cd: Oil
MDE Originating User: Schneeman
MDE if Other:
MDE DFM Respond: Yes
MDE Comp Agency: ERTS
MDE on Scene:
MDE ADC:

MMDE ERD to Call: 5606, 5607
MDE Dis Name1:
MDE Dis Agency:
MDE Dis Phone:
Email Title:
The Geometry:
Latitude:
Longitude:

MDE Original Complaint: Andrew Little
MDE Complaint Address:
MDE Incident Information:

MDE Corrective Action: ERD pumped leaking saddle. Tanks isolated with valves. ERD & FD deployed 5 dust & 1 pads. RP thru ERTS hired ACE Environmental to remediate ditch.
MDE Spill Cause: Corrective Action Final Report received from ERTS on 6/26/17. Uploaded to file on 6/29/17
 1256 TLS- Caller reporting ruptured saddle tank on TT caused by road debris striking saddle tank - ACE Environmental
 1258 TLS- Baltimore County Dispatcher 1104 called requesting MDE Response
MDE Quantity Avail: Unk
MDE Spill Day of Week: Saturday
MDE Day of Week: Saturday
MDE After Hours Response: Yes
MDE Time of Dispatch: 03/18/2017 13:00:00
MDE Time of Arrival: 03/18/2017 13:30:00
MDE ERD Time In Service: 03/18/2017 15:05:00
MDE Referred Date Time: 03/18/2017 12:58:00

MDE Dispatch Date Time:
MDE Talking Grp Channel:
MDE Hwy Coordinator:
MDE Prim Call Back No: 440-349-2700-318
MDE Scndry Call Back No:
MDE Best Route Travel: between exits 33 and 34 (Philadelphia Rd. & Pulaski Highway exits)
MDE No Action Explain:
MDE Referred Notes:
Common Incident Code:
Common Date Time: 2017-03-18 16:56:09
Common Incident County: Baltimore
Common Attachment 1 Title: Corrective Action Final Report_06-26-17
Common Attachment 1 File: 6837
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site: On ramp
 ramp from Peninsula expressway to 695 Edgemere MD 21219

SPILLS

Data ID:	58375	Source:	Saddle Tank
Incident ID:	0	Spill Date Time:	03/03/2017 11:10
User ID:	175	MDE Qty Release:	
Position ID:	126	MDE Stopped:	Unknown
Prev Data ID:	58371	MDE Contained:	Unknown
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	M Imbierowicz
Entry Date:	2017-03-03 17:25:54.537000000	MDE if Other:	
Water Way:		MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	BA Co 911
MDE Resp Party:		MDE on Scene:	Yes
MDE Resp Party		MDE ADC:	45 C 9
Addr:		MMDE ERD to Call:	5607, 5404
MDE Resp No1:		MDE Dis Name1:	
MDE Resp No2:		MDE Dis Agency:	
MDE Attention:		MDE Dis Phone:	
MDE DFM Assigned:		Email Title:	
MDE Refer Agency:		The Geometry:	
MDE RC Phone1:		Latitude:	
MDE RC Phone2:		Longitude:	
MDE RC Fax:			
Global ID:			
MDE Original Complaint:	Lt Milby		
MDE Complaint Address:			
MDE Incident Information:	ERD pumped 20 gals. Estimated 100 gals. spilled. 6 dust		
MDE Corrective Action:			
MDE Spill Cause:	MVA w/ tractor trailer		
MDE Quantity Avail:			
MDE Spill Day of Week:	Friday		
MDE Day of Week:	Friday		
MDE After Hours Response:	No		
MDE Time of Dispatch:	03/03/2017 11:20:57		
MDE Time of Arrival:	03/03/2017 11:35:00		
MDE ERD Time In Service:	03/03/2017		
MDE Referred Date Time:			
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:	I-695		
MDE Prim Call Back No:	410-307-2052		
MDE Scndry Call Back No:			
MDE Best Route Travel:			
MDE No Action Explain:			
MDE Referred Notes:			

Common Incident Code:
Common Date Time: 2017-03-03 16:12:51
Common Incident County: Baltimore
Common Attachment 1 Title:
Common Attachment 1 File:
Common Attachment 2 Title:
Common Attachment 2 File:
Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site: On ramp
ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)
Edgemere MD 21219

SPILLS

Data ID:	59672	Source:	Saddle Tank
Incident ID:	0	Spill Date Time:	03/03/2017 11:10
User ID:	175	MDE Qty Release:	100
Position ID:	126	MDE Stopped:	Unknown
Prev Data ID:	58371	MDE Contained:	Unknown
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	M Imbierowicz
Entry Date:	2017-03-06 15:25:39.403000000	MDE if Other:	
Water Way:	Ground	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	BA Co 911
MDE Resp Party:	BALTIMORE SCRAP	MDE on Scene:	Yes
MDE Resp Party Addr:	3000 VERA STREET BALTIMORE, MARYLAND 21224	MDE ADC:	45 C 9
MDE Resp No1:	410-355-4455	MMDE ERD to Call:	5607 5404
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:	JIM EFFRON OR JEFF ROSS	MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:	Lt Milby		
MDE Complaint Address:			
MDE Incident Information:	ERD pumped 20 gals. Estimated 100 gals. spilled. 16 dust TRIUMVIRATE ENVIRONMENTAL HIRED BY THE R.P.		
MDE Corrective Action:			
MDE Spill Cause:	MVA w/ tractor trailer		
MDE Quantity Avail:	Unknown		
MDE Spill Day of Week:	Friday		
MDE Day of Week:	Friday		
MDE After Hours Response:	No		
MDE Time of Dispatch:	03/03/2017 11:20:57		
MDE Time of Arrival:	03/03/2017 11:35:00		
MDE ERD Time In Service:	03/03/2017		
MDE Referred Date Time:			
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:	I-695		
MDE Prim Call Back No:	410-307-2052		
MDE Scndry Call Back No:			
MDE Best Route Travel:	Bottom of the Ramp		
MDE No Action Explain:			
MDE Referred Notes:	1550 HRS: RECEIVED NOTIFICATION FROM RESPONSIBLE PART [GLD]		
Common Incident Code:			
Common Date Time:	2017-03-03 16:12:51		
Common Incident County:	Baltimore		
Common Attachment 1 Title:			
Common Attachment 1 File:			
Common Attachment 2 Title:			
Common Attachment 2 File:			

Common Attachment 3 Title:
Common Attachment 3 File:
Common Attachment 4 Title:
Common Attachment 4 File:

Site: On ramp
ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)
Edgemere MD 21219

SPILLS

Data ID:	58461	Source:	Saddle Tank
Incident ID:	0	Spill Date Time:	03/03/2017 11:10
User ID:	331	MDE Qty Release:	EST. 100 GALLONS
Position ID:	126	MDE Stopped:	Unknown
Prev Data ID:	58371	MDE Contained:	Unknown
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	M Imbierowicz
Entry Date:	2017-03-03 20:58:00.213000000	MDE if Other:	
Water Way:	Ground	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	BA Co 911
MDE Resp Party:	BALTIMORE SCRAP	MDE on Scene:	Yes
MDE Resp Party	3000 VERA STREET	MDE ADC:	45 C 9
Addr:	BALTIMORE, MARYLAND 21224		
MDE Resp No1:	410-355-4455	MMDE ERD to Call:	5607, 5404
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:	JIM EFFRON OR JEFF ROSS	MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:	Lt Milby		
MDE Complaint Address:			
MDE Incident Information:	ERD pumped 20 gals. Estimated 100 gals. spilled. 6 dust		
MDE Corrective Action:	TRIUMVIRATE ENVIRONMENTAL HIRED BY THE R.P.		
MDE Spill Cause:	MVA w/ tractor trailer		
MDE Quantity Avail:	UNKNOWN		
MDE Spill Day of Week:	Friday		
MDE Day of Week:	Friday		
MDE After Hours Response:	No		
MDE Time of Dispatch:	03/03/2017 11:20:57		
MDE Time of Arrival:	03/03/2017 11:35:00		
MDE ERD Time In Service:	03/03/2017		
MDE Referred Date Time:			
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:	I-695		
MDE Prim Call Back No:	410-307-2052		
MDE Scndry Call Back No:			
MDE Best Route Travel:	Bottom of the Ramp		
MDE No Action Explain:			
MDE Referred Notes:	1550 HRS: RECEIVED NOTIFICATION FROM RESPONSIBLE PART [GLD]		
Common Incident Code:			
Common Date Time:	2017-03-03 16:12:51		
Common Incident County:	Baltimore		
Common Attachment 1 Title:			
Common Attachment 1 File:			
Common Attachment 2 Title:			
Common Attachment 2 File:			
Common Attachment 3 Title:			
Common Attachment 3 File:			
Common Attachment 4 Title:			
Common Attachment 4 File:			

Site: On ramp
ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)
Edgemere MD 21219

SPILLS

Data ID:	58371	Source:	Saddle Tank
Incident ID:	0	Spill Date Time:	03/03/2017 11:10
User ID:	1314	MDE Qty Release:	100
Position ID:	126	MDE Stopped:	Unknown
Prev Data ID:	0	MDE Contained:	Unknown
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	M Imbierowicz
Entry Date:	2017-04-03 13:42:27.043000000	MDE if Other:	
Water Way:	Ground	MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	BA Co 911
MDE Resp Party:	BALTIMORE SCRAP	MDE on Scene:	Yes
MDE Resp Party	3000 VERA STREET	MDE ADC:	45 C 9
Addr:	BALTIMORE, MARYLAND 21224		
MDE Resp No1:	410-355-4455	MMDE ERD to Call:	5607 5404
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:	JIM EFFRON OR JEFF ROSS	MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:	2F0E8916-956A-4B9E-BF92-F1E1025B80B8		
MDE Original Complaint:	Lt Milby		
MDE Complaint Address:			
MDE Incident Information:	ERD pumped 20 gals. Estimated 100 gals. spilled. 16 dust TRIUMVIRATE ENVIRONMENTAL HIRED BY THE R.P.		
MDE Corrective Action:			
MDE Spill Cause:	MVA w/ tractor trailer		
MDE Quantity Avail:	Unknown		
MDE Spill Day of Week:	Friday		
MDE Day of Week:	Friday		
MDE After Hours Response:	No		
MDE Time of Dispatch:	03/03/2017 11:20:57		
MDE Time of Arrival:	03/03/2017 11:35:00		
MDE ERD Time In Service:	03/03/2017		
MDE Referred Date Time:			
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:	I-695		
MDE Prim Call Back No:	410-307-2052		
MDE Scndry Call Back No:			
MDE Best Route Travel:	Bottom of the Ramp		
MDE No Action Explain:			
MDE Referred Notes:	1550 HRS: RECEIVED NOTIFICATION FROM RESPONSIBLE PART [GLD]		
Common Incident Code:			
Common Date Time:	2017-03-03 16:12:51		
Common Incident County:	Baltimore		
Common Attachment 1 Title:			
Common Attachment 1 File:			
Common Attachment 2 Title:			
Common Attachment 2 File:			
Common Attachment 3 Title:			
Common Attachment 3 File:			
Common Attachment 4 Title:			
Common Attachment 4 File:			

Site:
Bethlehem Boulevard I-695 Dundalk MD 21222

SPILLS

Data ID:	28104	Source:	Tractor Trailer
Incident ID:	0	Spill Date Time:	06/11/2015 12:50:48
User ID:	318	MDE Qty Release:	unk
Position ID:	126	MDE Stopped:	No

Prev Data ID:	28101	MDE Contained:	No
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	
Product:	Hydraulic Oil	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	C.Webster
Entry Date:	2015-06-11 17:00:22.883000000	MDE if Other:	
Water Way:		MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	MdTAP
MDE Resp Party:		MDE on Scene:	Yes
MDE Resp Party Addr:		MDE ADC:	
MDE Resp No1:		MMDE ERD to Call:	5601, 5607
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	
MDE Refer Agency:		Email Title:	
MDE RC Phone1:		The Geometry:	
MDE RC Phone2:		Latitude:	
MDE RC Fax:		Longitude:	
Global ID:			
MDE Original Complaint:	TCO Faircloth		
MDE Complaint Address:			
MDE Incident Information:	Blown tire damaged hydraulic hose at pump		
MDE Corrective Action:			
MDE Spill Cause:	MDTAP on scene with a leaking hydraulic fluid line from a crane truck. Request ERD response.		
MDE Quantity Avail:	unk		
MDE Spill Day of Week:	Thursday		
MDE Day of Week:	Thursday		
MDE After Hours Response:	No		
MDE Time of Dispatch:	06/11/2015 12:57:55		
MDE Time of Arrival:	06/11/2015 13:20:07		
MDE ERD Time In Service:			
MDE Referred Date Time:			
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:	I-695		
MDE Prim Call Back No:	(410) 537-8030		
MDE Scndry Call Back No:			
MDE Best Route Travel:			
MDE No Action Explain:			
MDE Referred Notes:			
Common Incident Code:			
Common Date Time:	2015-06-11 16:48:55		
Common Incident County:	Baltimore County		
Common Attachment 1 Title:			
Common Attachment 1 File:			
Common Attachment 2 Title:			
Common Attachment 2 File:			
Common Attachment 3 Title:			
Common Attachment 3 File:			
Common Attachment 4 Title:			
Common Attachment 4 File:			

Site:

Bethlehem Boulevard I-695 Dundalk MD 21222

SPILLS

Data ID:	28108	Source:	Tractor Trailer
Incident ID:	0	Spill Date Time:	06/11/2015 12:50:48
User ID:	318	MDE Qty Release:	unk
Position ID:	126	MDE Stopped:	No
Prev Data ID:	28101	MDE Contained:	No
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	
Product:	Hydraulic Oil	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	C.Webster
Entry Date:	2015-06-11 17:29:46.497000000	MDE if Other:	
Water Way:		MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	MdTAP
MDE Resp Party:		MDE on Scene:	Yes

MDE Resp Party		MDE ADC:	
Addr:		MMDE ERD to Call:	5601, 5607
MDE Resp No1:		MDE Dis Name1:	
MDE Resp No2:		MDE Dis Agency:	
MDE Attention:		MDE Dis Phone:	
MDE DFM Assigned:		Email Title:	
MDE Refer Agency:		The Geometry:	
MDE RC Phone1:		Latitude:	
MDE RC Phone2:		Longitude:	
MDE RC Fax:			
Global ID:			
MDE Original Complaint:	TCO Faircloth		
MDE Complaint Address:			
MDE Incident Information:	Blown tire damaged hydraulic hose at pump. tdh: MdTAP requested cancellation of response. Due to incomplete information on spill being cleaned up 5603 directed units dispatched to continue in to location.		
MDE Corrective Action:			
MDE Spill Cause:	MDTAP on scene with a leaking hydraulic fluid line from a crane truck. Request ERD response.		
MDE Quantity Avail:	unk		
MDE Spill Day of Week:	Thursday		
MDE Day of Week:	Thursday		
MDE After Hours Response:	No		
MDE Time of Dispatch:	06/11/2015 12:57:55		
MDE Time of Arrival:	06/11/2015 13:20:07		
MDE ERD Time In Service:			
MDE Referred Date Time:			
MDE Dispatch Date Time:			
MDE Talking Grp Channel:			
MDE Hwy Coordinator:	I-695		
MDE Prim Call Back No:	(410) 537-8030		
MDE Scndry Call Back No:			
MDE Best Route Travel:			
MDE No Action Explain:			
MDE Referred Notes:			
Common Incident Code:			
Common Date Time:	2015-06-11 16:48:55		
Common Incident County:	Baltimore County		
Common Attachment 1 Title:			
Common Attachment 1 File:			
Common Attachment 2 Title:			
Common Attachment 2 File:			
Common Attachment 3 Title:			
Common Attachment 3 File:			
Common Attachment 4 Title:			
Common Attachment 4 File:			

Site: On ramp
ramp from North Bound Peninsula Expressway To West Bound 695 (beltway towards Key Bridge)
Edgemere MD 21219

SPILLS

Data ID:	58382	Source:	Saddle Tank
Incident ID:	0	Spill Date Time:	03/03/2017 11:10
User ID:	175	MDE Qty Release:	
Position ID:	126	MDE Stopped:	Unknown
Prev Data ID:	58371	MDE Contained:	Unknown
Cmn Entry Type:	MDE	MDE Removed:	
Incident Type:	Transportation	MDE Action Taken:	Not Reviewed
Product:	Diesel	MDE Incident Cd:	Oil
Other Product:		MDE Originating User:	M Imbierowicz
Entry Date:	2017-03-03 17:28:50.123000000	MDE if Other:	
Water Way:		MDE DFM Respond:	Yes
Water Name:		MDE Comp Agency:	BA Co 911
MDE Resp Party:		MDE on Scene:	Yes
MDE Resp Party		MDE ADC:	45 C 9
Addr:			
MDE Resp No1:		MMDE ERD to Call:	5607, 5404
MDE Resp No2:		MDE Dis Name1:	
MDE Attention:		MDE Dis Agency:	
MDE DFM Assigned:		MDE Dis Phone:	

MDE Refer Agency:		Email Title:
MDE RC Phone1:		The Geometry:
MDE RC Phone2:		Latitude:
MDE RC Fax:		Longitude:
Global ID:		
MDE Original Complaint:	Lt Milby	
MDE Complaint Address:		
MDE Incident Information:	ERD pumped 20 gals. Estimated 100 gals. spilled. 6 dust	
MDE Corrective Action:		
MDE Spill Cause:	MVA w/ tractor trailer	
MDE Quantity Avail:		
MDE Spill Day of Week:	Friday	
MDE Day of Week:	Friday	
MDE After Hours Response:	No	
MDE Time of Dispatch:	03/03/2017 11:20:57	
MDE Time of Arrival:	03/03/2017 11:35:00	
MDE ERD Time In Service:	03/03/2017	
MDE Referred Date Time:		
MDE Dispatch Date Time:		
MDE Talking Grp Channel:		
MDE Hwy Coordinator:	I-695	
MDE Prim Call Back No:	410-307-2052	
MDE Scndry Call Back No:		
MDE Best Route Travel:	Bottom of the Ramp	
MDE No Action Explain:		
MDE Referred Notes:		
Common Incident Code:		
Common Date Time:	2017-03-03 16:12:51	
Common Incident County:	Baltimore	
Common Attachment 1 Title:		
Common Attachment 1 File:		
Common Attachment 2 Title:		
Common Attachment 2 File:		
Common Attachment 3 Title:		
Common Attachment 3 File:		
Common Attachment 4 Title:		
Common Attachment 4 File:		

Site: **IA Construction Corporation**
Wharf Road Sparrows Point MD 21219

UST

Owner ID:	5679	Owner City:	Concordville
Facility ID:	16373	Owner State:	PA
Form Title:	Materials Engineering	Owner Zip:	19331
Form Date:	6/19/1990	Owner Phone:	(301) 742-6157
Form Name:	E. E. Brubanker, Jr.	Owner Contact:	Robert N. Murphy, Sr.
County:	Baltimore	Location Phone:	(301) 477-4200
Name:	IA Construction Corporation	Oper First Name:	Thomas
Owner Address:	Route 202 South	Oper Last Name:	Bethune

--Details--

Tank ID:	2	Gallons:	4000
Tank Status:	Permanently Out of Use	Substance Desc:	Gasoline
Date Installed:	6/1/1973	Comp Comprtmnt:	A
Tank Compartment:	FALSE	Pipe Mat Desc:	Bare or Galvanized Steel
Tank Mat Desc:	Asphalt Coated or Bare Steel		
Tank ID:	1	Gallons:	4000
Tank Status:	Permanently Out of Use	Substance Desc:	Kerosene
Date Installed:	6/1/1973	Comp Comprtmnt:	A
Tank Compartment:	FALSE	Pipe Mat Desc:	Bare or Galvanized Steel
Tank Mat Desc:	Asphalt Coated or Bare Steel		
Tank ID:	3	Gallons:	2000
Tank Status:	Permanently Out of Use	Substance Desc:	Gasoline
Date Installed:	12/1/1985	Comp Comprtmnt:	A
Tank Compartment:	FALSE	Pipe Mat Desc:	Bare or Galvanized Steel

Tank Mat Desc:

Asphalt Coated or Bare Steel

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Feb 6, 2018

National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Feb 6, 2018

Deleted NPL:

DELETED NPL

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.

Government Publication Date: Feb 6, 2018

SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Apr 11, 2018

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Apr 11, 2018

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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). 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.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Apr 12, 2018

RCRA non-CORRACTS TSD Facilities:

RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Apr 12, 2018

RCRA Generator List:

RCRA LQG

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Apr 12, 2018

RCRA Small Quantity Generators List:

RCRA SQG

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Apr 12, 2018

RCRA Conditionally Exempt Small Quantity Generators List:[RCRA CESQG](#)

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Apr 12, 2018

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Apr 12, 2018

Federal Engineering Controls-ECs:[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 20, 2016

Federal Institutional Controls- ICs:[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jan 20, 2016

Emergency Response Notification System:[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:[ERNS 1987 TO 1989](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:[ERNS](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 8, 2017

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:[FED BROWNFIELDS](#)

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 20, 2018

FEMA Underground Storage Tank Listing:[FEMA UST](#)

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

LIEN on Property:

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Apr 11, 2018

Superfund Decision Documents:

SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Apr 11, 2018

State**Land Restoration Program (LRP) Sites:**

SHWS

The Land Restoration Program (LRP) of the Maryland Department of the Environment administers the 'Superfund' program for the State of Maryland that assesses suspected hazardous waste sites, including federal facilities, to control and remove environmental and public health threats through site cleanups and remedial actions. Additionally, LRP provides financial incentive for the redevelopment of brownfields, which are sites that either qualify for the Voluntary Cleanup Program or are contaminated by oil. The Maryland Department of the Environment provides LRP data for guidance and general information purposes, and advises that users should not rely upon the data for making final decisions regarding the environmental status of a property.

Government Publication Date: Jun 5, 2018

Delisted Potential Hazardous Waste Sites:

DSHW

This database contains a list of facilities which have been removed from Maryland Department of the Environment (MDE)'s potential hazardous waste sites. Facilities may be removed from the lists of potential hazardous waste sites when it is determined that the facility is not hazardous or not potentially hazardous.

Government Publication Date: Jun 05, 2018

Solid Waste Acceptance Facilities:

SWF

List of permitted solid waste acceptance facilities made available by the Department of the Environment in Maryland. Includes municipal landfills, rubble landfills, land clearing debris landfills, industrial landfills, incinerators, medical waste incinerators, special medical waste processing facilities, processing facilities, waste-to-energy facilities and incinerators, and transfer stations.

Government Publication Date: Apr 30, 2018

Underground Storage Tanks:

UST

A listing of registered underground storage tanks. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates all oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. The Program oversees the installation, maintenance, operation and removal of oil storage tanks.

Government Publication Date: Mar 27, 2018

Delisted Underground Storage Tanks:

DELISTED UST

A list of delisted Underground Storage Tank facilities. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates all oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. Sites and site details are removed from the data made available to the public in case of a site is either determined to be non-regulated or previously registered in error.

Government Publication Date: Jun 3, 2015

Aboveground Storage Tanks:

AST

A listing of registered aboveground storage tanks. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. The Program oversees the installation, maintenance, operation and removal of oil storage tanks.

Government Publication Date: Mar 30, 2018

Delisted Aboveground Storage Tank:

DELISTED TANKS

A list of delisted Aboveground Storage Tank facilities. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates all oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. Sites and site details are removed from the data made available to the public in case of a site is either determined to be non-regulated or previously registered in error.

Land Use Controls:

LUC

List of sites with institutional or engineering controls. This list made available by Maryland Department of the Environment.

Government Publication Date: Apr 26, 2018

Oil Control Program:

OCP

Cases of oil-related activities, such as leaking underground storage tanks, leaking aboveground storage tanks, inspections and spills. The Oil Control Program within the Land Management Administration of the Maryland Department of the Environment regulates all oil-related activities, such as aboveground and underground oil storage facilities, oil-contaminated soil treatment facilities, and oil transportation. The Program oversees the installation, maintenance, operation and removal of oil storage tanks.

Government Publication Date: Mar 27, 2018

Delisted Oil Control Program:

DELISTED OCP

The list contains the records which have been removed from the oil control program made available by the Maryland Department of the Environment (MDE). Records may be removed from the lists of oil control program when the case is closed.

Government Publication Date: Mar 27, 2018

Voluntary Cleanup Program:

VCP

Administered by the Department of the Environment (MDE) Land Management Administration's Land Restoration Program (LMA-LRP) is to encourage the investigation of eligible properties with known or perceived controlled hazardous substance contamination, protect public health and the environment, accelerate cleanup of properties, and provide liability releases and finality to site cleanup. Properties also contaminated by oil are eligible to participate in the program.

Government Publication Date: Jun 5, 2018

Brownfields:

BROWNFIELDS

Sites that are eligible to be Brownfields. The Maryland Department of the Environment's Land Restoration Program (LRP) provides this geographic mapping service and data. MDE has not developed a Brownfields list because of the stigma that may be attached to the sites included on such a list. However, some local jurisdictions and municipalities have compiled information on underutilized properties.

Government Publication Date: Jun 5, 2018

Tribal

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands:

INDIAN LUST

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands in EPA Region 3, which includes Maryland.

Government Publication Date: May 4, 2018

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

Listing of Underground Storage Tanks (USTs) on Tribal/Indian Lands in EPA Region 3, which includes Maryland. There is no UST records in Maryland at this time.

Government Publication Date: May 4, 2018

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Apr 17, 2018

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2016

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 11, 2017

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Dec 21, 2017

Toxic Substances Control Act:

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2017

Hist TSCA:

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Oct 10, 2017

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Sep 14, 2016

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Sep 14, 2016

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Nov 22, 2016

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Jun 30, 2017

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Jul 31, 2017

Alternative Fueling Stations:

ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Apr 25, 2018

Registered Pesticide Establishments:[SSTS](#)

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 1, 2018

Polychlorinated Biphenyl (PCB) Notifiers:[PCB](#)

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 30, 2017

State**Emergency Response Spills and Incidents:**[SPILLS](#)

The Maryland Emergency Response Reporting System (MERRS) of the Maryland Department of the Environment's (MDE) Emergency Response Division (ERD) tracks emergencies involving oil and hazardous chemical spills, nuclear power plant incidents, and other environmental crises.

Government Publication Date: Apr 24, 2018

Registered Drycleaning Facilities:[DRYCLEANERS](#)

List of registered dry cleaning facilities made available by the Air & Radiation Management Administration at the Maryland Department of the Environment (MDE).

Government Publication Date: Apr 25, 2018

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX E

ENVIRONMENTAL RECORDS AND INTERVIEW DOCUMENTATION

July 12, 2018

Public Information Act Officer
Baltimore County Fire Department
Public Safety Building
700 E. Joppa Road
Towson, MD 21286-5500

**Re: Public Information Act Request
Baltimore County, MD**

Dear PIA Officer:

Pursuant to Maryland's Public Information Act, Weaver Consultants Group North Central, LLC is requesting any paper and microfiche documents the Baltimore County Fire Department may have on file of current or historical underground or aboveground storage tanks, leaks and spills, incident reports, or investigation reports associated with the former Sparrows Point Steel Mill located at the following addresses:

- **Addresses:** 5111 North Point Boulevard, 1600 Sparrows Point Boulevard, and 1430 Sparrows Point Boulevard, Baltimore County, Maryland (Sparrows Point, Maryland)
- **Former Occupants:** Bethlehem Steel Corporation, International Steel Group, Mittal Steel, Severstal Sparrows Point, LLC, and RG Steel Sparrows Point, LLC

A map of the Property area is attached. We are only looking for information that has become available **since November 2017**. Thank you in advance for your assistance with this request. Should you require any additional information, please do not hesitate to contact our office at 312-922-1030, or contact me directly at ckeefe@wcgrp.com.

Sincerely,

Weaver Consultants Group




Caitlin Keefe
Project Scientist

Untitled Map

Write a description for your map.

Legend

 Sparrows Point



Google Earth

© 2018 Google

Keefe, Caitlin

From: amanda.degen@maryland.gov
Sent: Monday, December 04, 2017 11:35 AM
To: Keefe, Caitlin
Subject: PIA - EMAIL

We have received your online Public Information Act request. You will receive an acknowledgment letter shortly via e-mail. Thank you!

Amanda Degen
PIA Coordinator
Office of Communications/MDE
1800 Washington Blvd.
Baltimore, MD 21230
amanda.degen@maryland.gov
(410) 537-4120 (phone)
(410) 537-3936 (fax)



Maryland

Department of the Environment

1800 Washington Boulevard | Baltimore, MD 21230 | 1-800-633-6101 | 410-537-3000 | TTY Users 1-800-735-2258 | www.mde.maryland.gov

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Crumbles
Secretary

June 19, 2017

Ms. Caitlin Keefe
Weaver Consultants Group
35 East Wacker Drive
Suite 1250
Chicago, IL 60601

RE: Tracking Number: 2017-01713
Request Received June 15, 2017
SPARROWS POINT STEEL MILL

Dear Ms. Keefe:

The Maryland Department of the Environment (MDE) received your recent request for information under the Public Information Act (PIA).

Your request has been assigned the tracking number listed above. Please use this tracking number in all communications referring to this request. Your request has been reviewed and distributed to all appropriate MDE programs.

In reviewing your request, we anticipate that it will take 30 calendar days or less to identify, locate, review, and produce the record(s) you seek. MDE receives numerous PIA requests daily and this time is necessary to sufficiently search for and collect the record(s) responsive to your request from appropriate MDE administrations and applicable field offices. MDE shall conduct its search and prepare your request with all practicable speed.

There may be charges associated with the search for, preparation of (including staff and any attorney review), and reproduction (including any postage) of the record(s) responsive to your request. The charges reflect the actual costs incurred by MDE to process your PIA request. There is no charge for the first two hours needed to search for and prepare a record for inspection. An estimated range of fees that may be charged by MDE to comply with this request is between \$0 and \$350. This range of fees represents our best estimate of costs at this time.

We will notify you in writing of any responsive record(s) available for inspection and/or exempt from disclosure pursuant to the PIA and any specific charges for processing your request.

When requesting information regarding this request, please cite the tracking number referenced above. If you have any questions, please call me at (410)537-4120.

Sincerely,

Amanda Degen

Amanda Degen
PIA Coordinator
Office of Communications



DONALD I. MOHLER III
County Executive

VINCENT J. GARDINA, *Director*
Department of Environmental Protection
and Sustainability

July 13, 2018

Ms. Caitlin Keefe
WEAVER CONSULTANTS GROUP
35 E. WACKER DR
SUITE 1250
CHICAGO IL 60601

RECEIVED
JUL 23 2018
WEAVER CONSULTANTS
GROUP

RE: 5111 North Point Blvd, 1600 Sparrows

t Blvd

*** Information since**

Dear Ms. Keefe:

I am writing in response to your correspondence, dated 07/12/2018, and received by us on 07/12/2018, requesting information on the above referenced site under Maryland's Public Information Act.

The Department of Environmental Protection and Sustainability (EPS) stores information in files located within 6 sections listed below. We performed a database search for information in those sections that best matched your request. The boxes to the left of each section indicate which sections were searched and whether any information was present in their files. If you are interested in information from a section whose files were not searched, or would like to schedule an appointment to review the files we found in the database search, please contact the individuals indicated below.

<u>Search</u>	<u>Information</u>		<u>Section</u>	<u>Contact</u>
	<u>Present</u>			
	<u>Yes</u>	<u>No</u>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Waste Management (Landfills, Recycling Facilities)	Jerry Siewierski 410-887-3745
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ground Water Management (Well and Septic Information, Ground Water Contamination Cases and UST Removals)	William Ensor 410-887-2762
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Watershed Management (NPDES Permit)	Steve Stewart 410-887-5683

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Impact Review (Streams, Wetlands, and Forests, Marinas, and Chesapeake Bay Critical Areas)	Patricia Farr 410-887-3980
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Watershed Restoration (Stream Restoration Projects & Public Stormwater Pond Maintenance)	Rob Ryan 410-887-2904
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stormwater Management (Grading and Stormwater Management Plan Review)	Jim Markle 410-887-3768

Due to changes in database management, the Department can only search for specific properties. We will no longer provide vicinity/radius searches when requested.

Please note that a fee of \$21.00 per hour, after the first two hours, may be assessed for the time spent searching files, and preparing and reviewing records for your inspection and copying. In addition, should you desire copies of the materials in the files, Baltimore County policy requires payment of \$0.50 per page, in advance.

In order to ensure timely processing, please note our address is:
111 W. Chesapeake Avenue, Room 319
Towson, MD 21204

If you have any questions please feel free to give me a call at (410) 887-2762.

Sincerely,



William W. Ensor, Jr. L.E.H.S.
Ground Water Management

WWE/skb

Keefe, Caitlin

From: admin@foiaonline.gov
Sent: Thursday, July 12, 2018 12:54 PM
To: Keefe, Caitlin
Subject: FOIA Request EPA-R3-2018-009530 Submitted

This message is to confirm your request submission to the FOIAonline application: [View Request](#). Request information is as follows:

- Tracking Number: EPA-R3-2018-009530
- Requester Name: Caitlin Keefe
- Date Submitted: 07/12/2018
- Request Status: Submitted
- Description: Weaver Consultants Group North Central, LLC is requesting any paper and microfiche documents the USEPA may have on file of current or historical underground or aboveground storage tanks, leaks and spills, incident reports, or investigation reports associated with the former Sparrows Point Steel Mill located at the following addresses:
 - Addresses: 5111 North Point Boulevard, 1600 Sparrows Point Boulevard, and 1430 Sparrows Point Boulevard, Baltimore County, Maryland (Sparrows Point, Maryland)
 - Former Occupants: Bethlehem Steel Corporation, International Steel Group, Mittal Steel, Severstal Sparrows Point, LLC, and RG Steel Sparrows Point, LLC

A map of the Property area is attached. We are only looking for information that has become available since November 2017.



Via email: gbranch@baltimorecountymd.gov

July 12, 2018

Public Information Act Officer
Baltimore County Department of Health
Drumcastle Center
6401 York Road, 3rd Floor
Baltimore, MD 21212-2130

**Re: Public Information Act Request
Baltimore County, MD**

Dear PIA Officer:

Pursuant to Maryland's Public Information Act, Weaver Consultants Group North Central, LLC is requesting any paper and microfiche documents the Baltimore County Department of Health may have on file concerning environmental permits, conditions, inspections, or violations associated with the former Sparrows Point Steel Mill located at the following addresses:

- **Addresses:** 5111 North Point Boulevard, 1600 Sparrows Point Boulevard, and 1430 Sparrows Point Boulevard, Baltimore County, Maryland (Sparrows Point, Maryland)
- **Former Occupants:** Bethlehem Steel Corporation, International Steel Group, Mittal Steel, Severstal Sparrows Point, LLC, and RG Steel Sparrows Point, LLC

A map of the Property area is attached. We are only looking for information that has become available **since November 2017**. Thank you in advance for your assistance with this request. Should you require any additional information, please do not hesitate to contact our office at 312-922-1030, or contact me directly at ckeefe@wcgrp.com.

Sincerely,

Weaver Consultants Group


A handwritten signature in cursive script that reads 'Caitlin J Keefe'.

Caitlin Keefe
Project Scientist

Untitled Map

Write a description for your map.

Legend

 Sparrows Point



Keefe, Caitlin

From: Monique Lyle <mlyle@baltimorecountymd.gov>
Sent: Friday, July 13, 2018 1:20 PM
To: Keefe, Caitlin
Subject: RE: FOIA Request
Attachments: FOIA Request_Baltimore County.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Ms. Keefe – please be advised that after a review of our files, no documentation was located on the following addresses: 5111 North Point Boulevard, 1600 Sparrows Point Boulevard, or 1430 Sparrows Point Boulevard.

Regards,

Monique L. Lyle
Chief of Operations & Director of Communications
Baltimore County Department of Health and Human Services
Drumcastle Government Center
6401 York Road, Third Floor
Baltimore, Maryland 21212

mlyle@baltimorecountymd.gov
Office: [410-887-6092](tel:410-887-6092)
Mobile: [443-463-3757](tel:443-463-3757)
Fax: [410-377-9390](tel:410-377-9390)
www.baltimorecountymd.gov

[Follow HHS on Facebook!](#)

A county where people lead healthy, safe, productive lives

From: Keefe, Caitlin [<mailto:ckeefe@wcgrp.com>]
Sent: Thursday, July 12, 2018 2:52 PM
To: Fire Info <fireinfo@baltimorecountymd.gov>; Gregory Branch <gbranch@baltimorecountymd.gov>; EPS <EPS@baltimorecountymd.gov>
Subject: FOIA Request

Dear FOIA Officers,

Attached is my FOIA request. Please contact me with any questions/comments.

Thank you,

Caitlin Keefe

Caitlin Keefe

Project Scientist

Weaver Consultants Group

35 E. Wacker Drive | Suite 1250

Chicago, IL 60601

O: 312-922-1030 | D: 312-888-4127 | F: 312-922-0201 | M: 615-516-7235

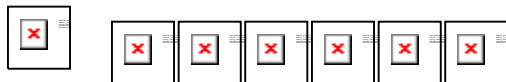
www.wcgrp.com | ckeefe@wcgrp.com



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CONNECT WITH BALTIMORE COUNTY



www.baltimorecountymd.gov



Via email: deps@baltimorecountymd.gov

July 12, 2018

Public Information Act Officer
Department of Environmental Protection and Sustainability
County Office Building
111 W. Chesapeake Avenue, Room 319
Towson, Maryland 21204

**Re: Public Information Act Request
Baltimore County, MD**

Dear FOIA Officer:

Pursuant to the federal Freedom of Information Act, Weaver Consultants Group North Central, LLC is requesting any paper and microfiche documents the Department of Environmental Protection and Sustainability may have on file concerning environmental cleanup and brownfields redevelopment, environmental protection and enforcement, hazardous substance spills, current or historical risk management plans; building permits; current or historical underground or aboveground storage tanks; hazardous materials incidents; and any other environmental conditions, inspections, releases, or violations associated with the former Sparrows Point Steel Mill located at the following addresses:

- **Addresses:** 5111 North Point Boulevard, 1600 Sparrows Point Boulevard, and 1430 Sparrows Point Boulevard, Baltimore County, Maryland (Sparrows Point, Maryland)
- **Former Occupants:** Bethlehem Steel Corporation, International Steel Group, Mittal Steel, Severstal Sparrows Point, LLC, and RG Steel Sparrows Point, LLC

A map of the Property area is attached. We are only looking for information that has become available **since November 2017**. Thank you in advance for your assistance with this request. Should you require any additional information, please do not hesitate to contact our office at 312-922-1030, or contact me directly at ckeefe@wcgrp.com.

Sincerely,

Weaver Consultants Group


A handwritten signature in cursive script that reads 'Caitlin J Keefe'.

Caitlin Keefe
Project Scientist

Untitled Map

Write a description for your map.

Legend

 Sparrows Point

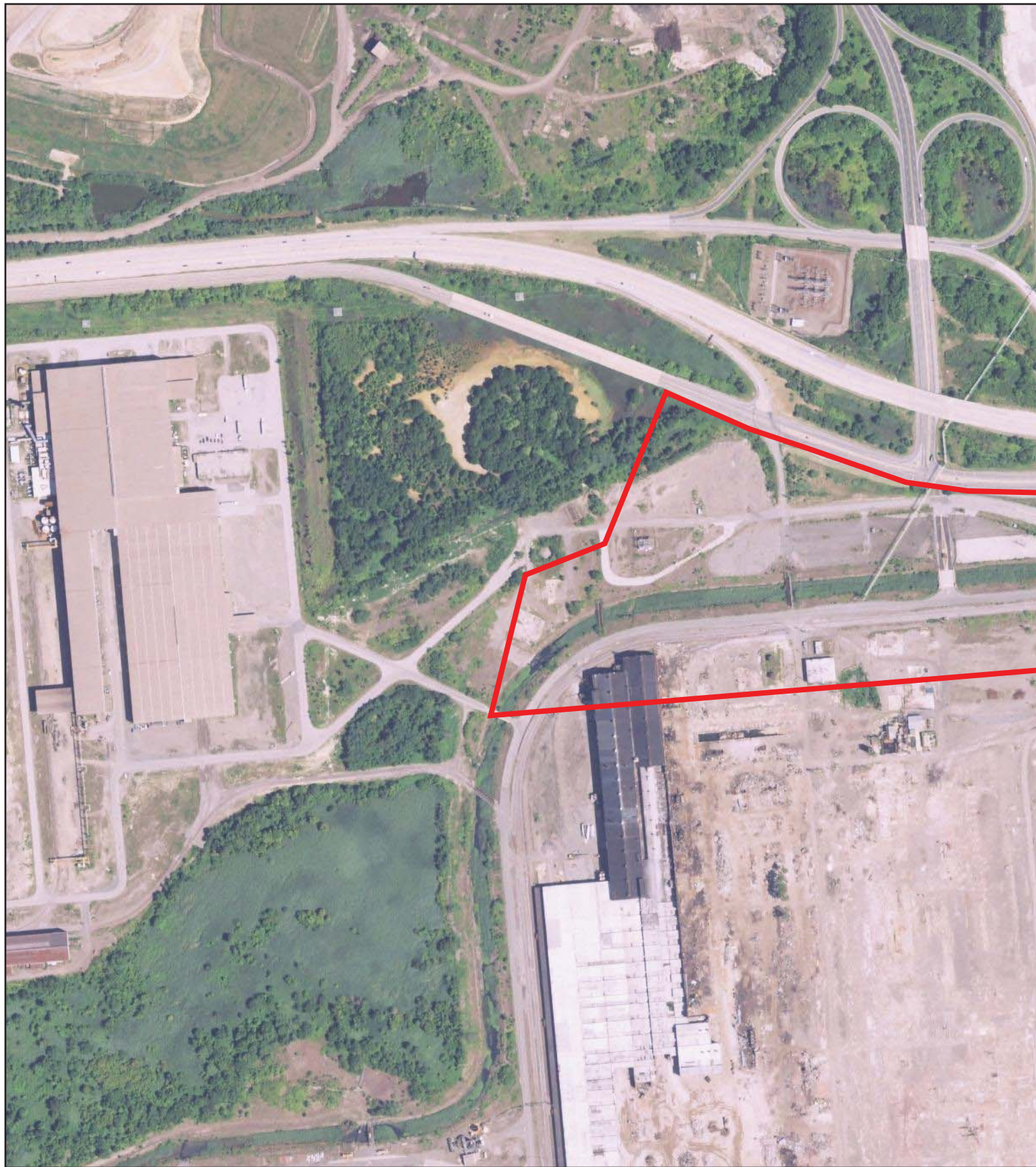


Google Earth

© 2018 Google

APPENDIX F

HISTORICAL RECORDS DOCUMENTATION



Sparrows Area C

Sparrows Point, MD



2015

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



2013

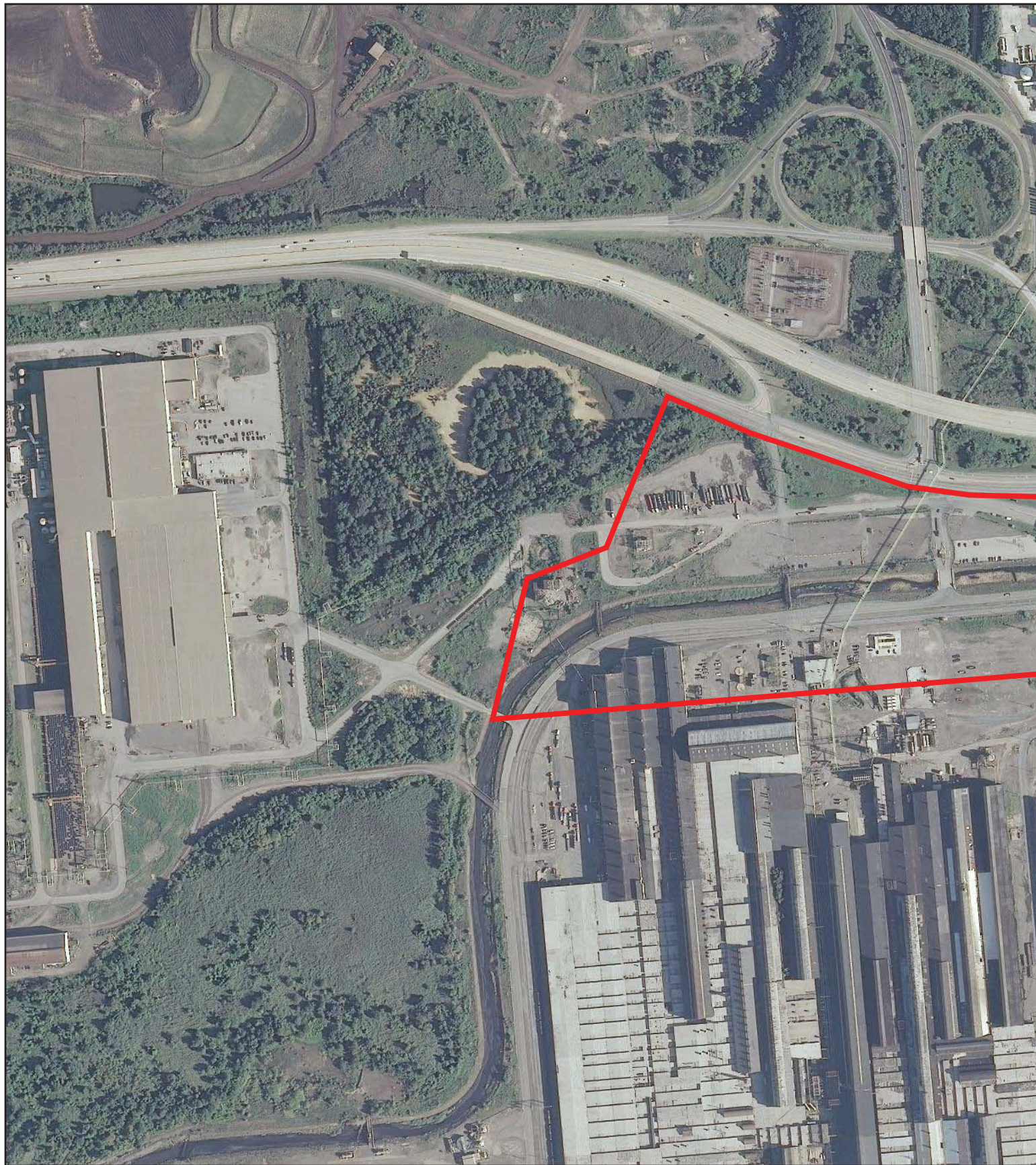
HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



2009

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



2005

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1999

HIG Project # 2017862

Client Project #

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1994

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1989

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1982

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1974

HIG Project # 2017862

Client Project #

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1966

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1957

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1952

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1948

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1938

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1927

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



2015

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



2013

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



2009

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



2005

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1999

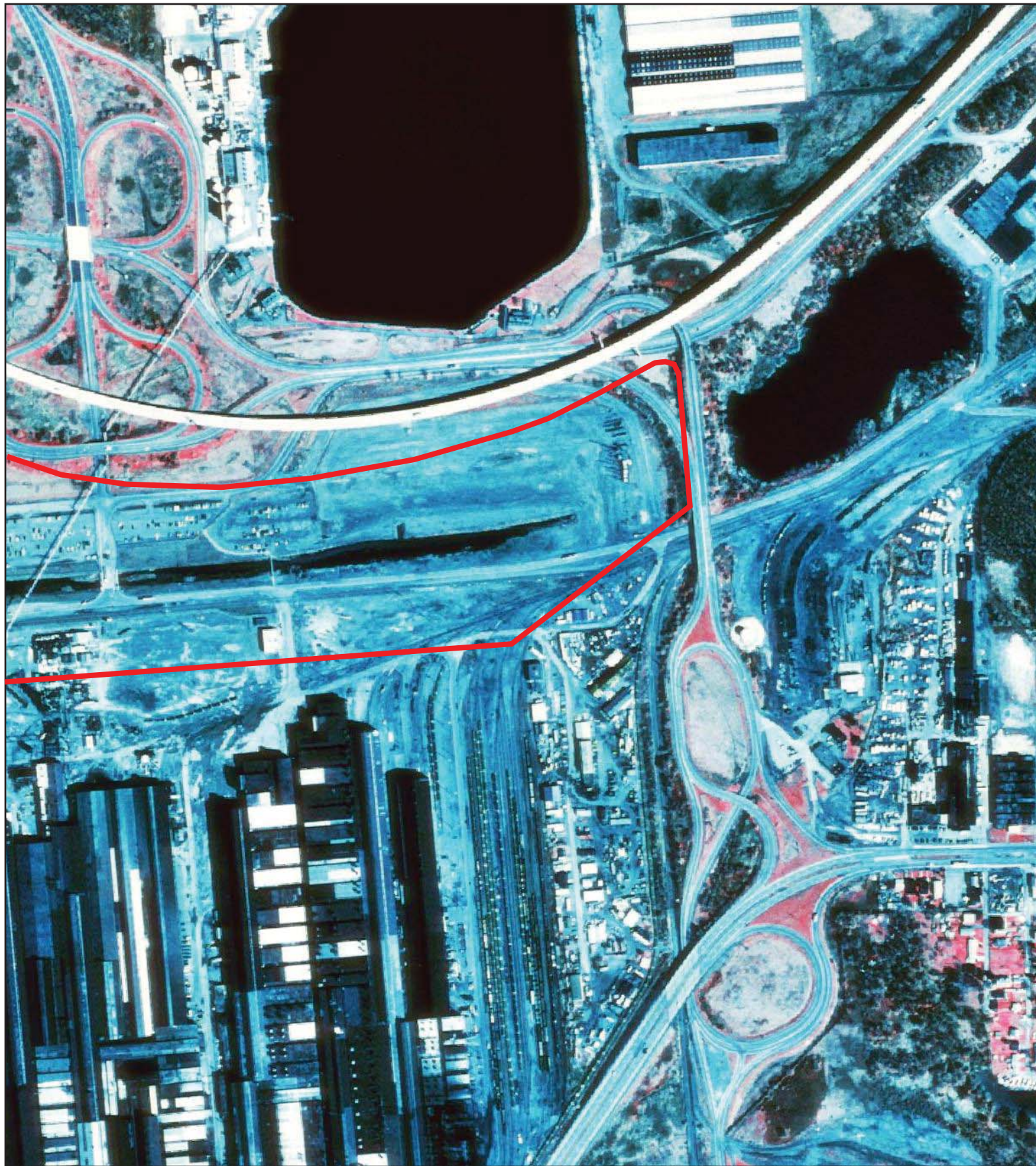
HIG Project # 2017862

Client Project #

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1994

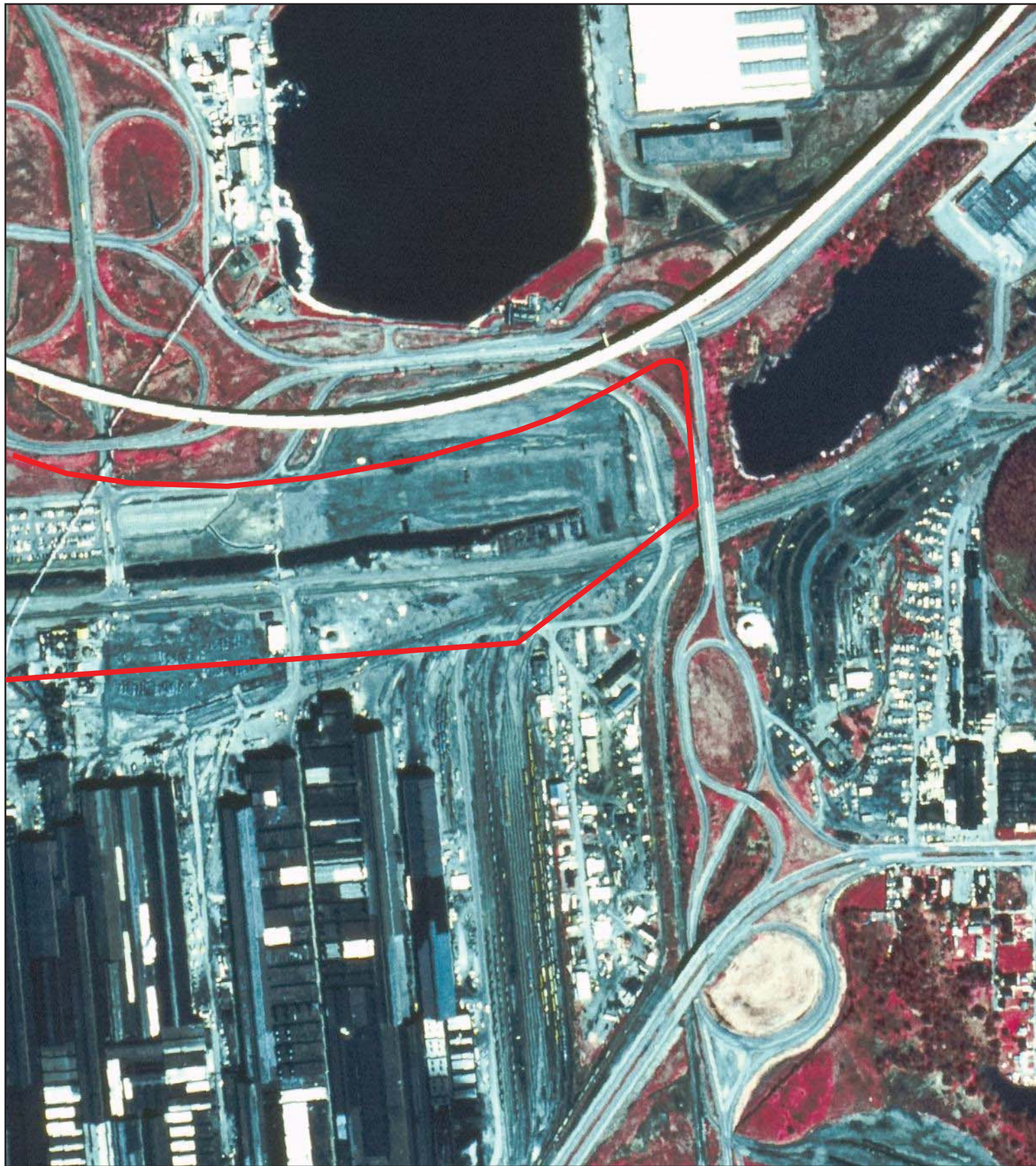
HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1989

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1982

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1974

HIG Project # 2017862

Client Project #

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1966

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1957

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1952

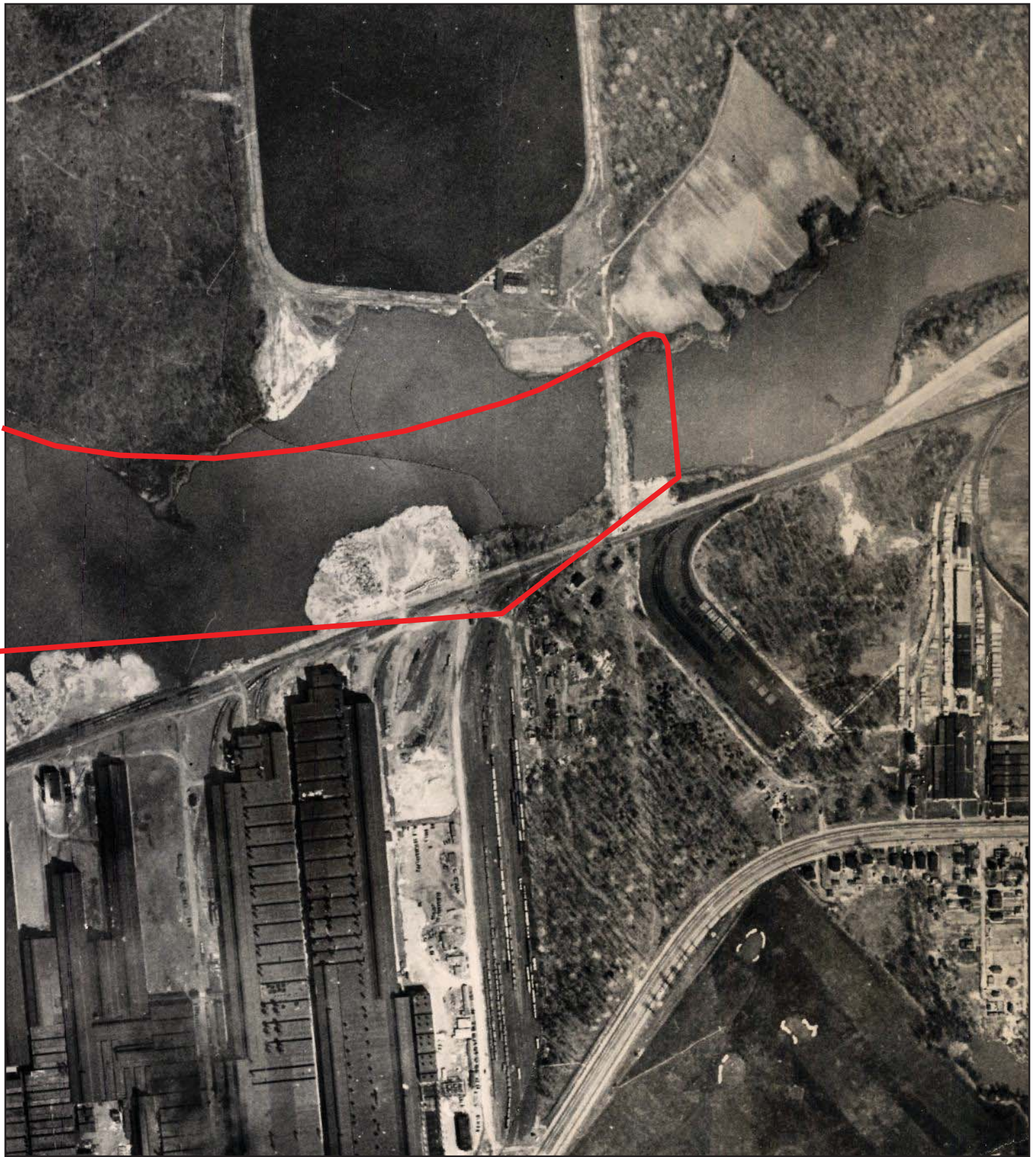
HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1948

HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1938

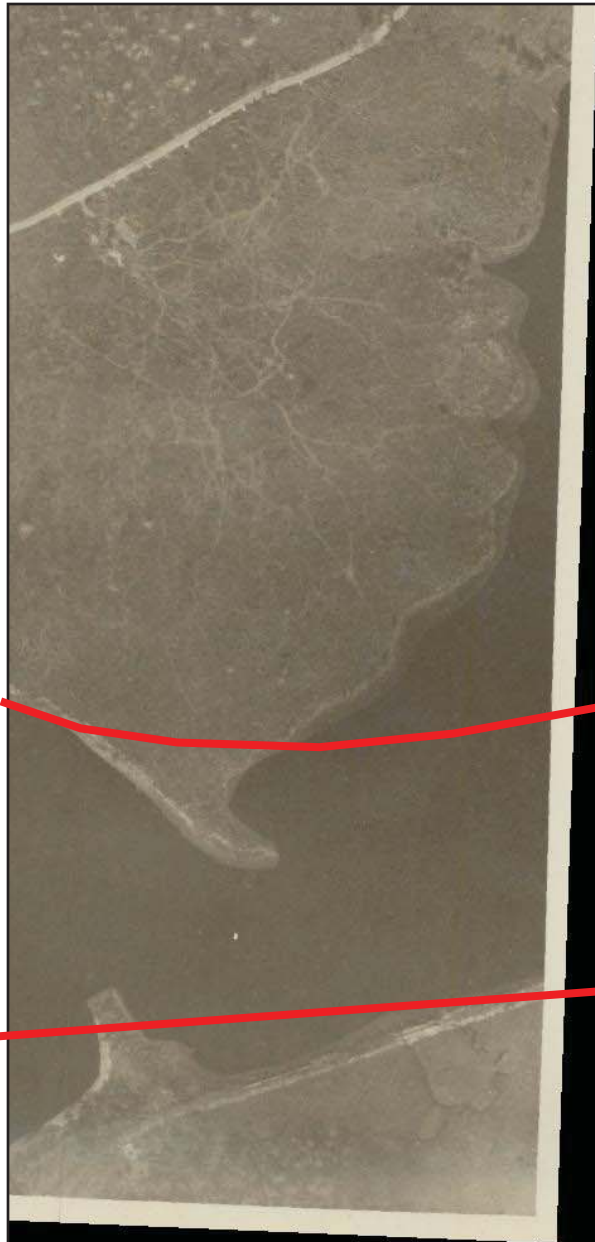
HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Sparrows Area C

Sparrows Point, MD



1927

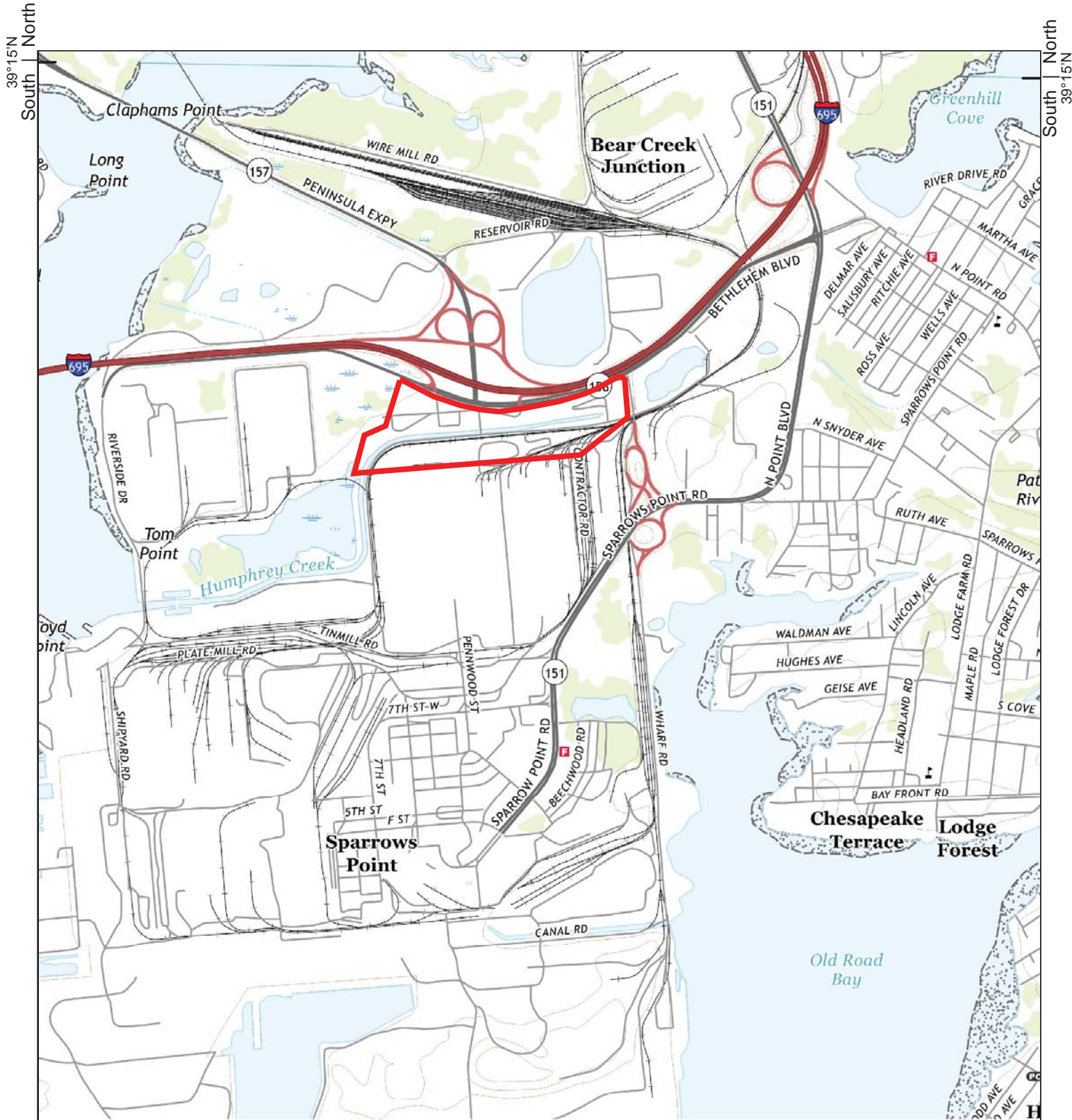
HIG Project # 2017862

Client Project #

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





2016

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

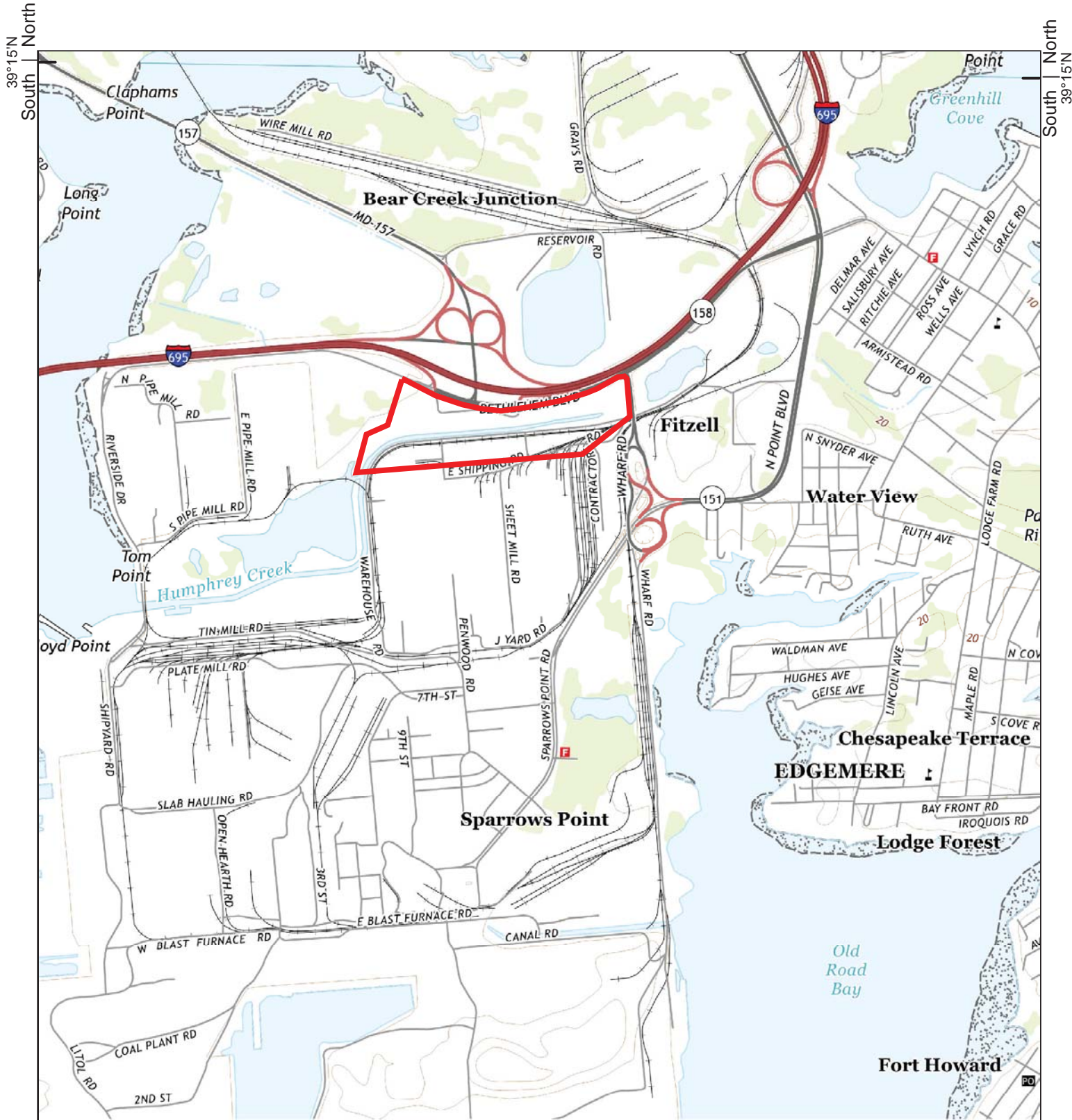
Site information:
Sparrows Point Parcel B-6-1
Sparrows Point, MD



Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

WeaverConsultants
HIG #2006496 completed: 06/07/2017

Zone		Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
						Photo Year	Inspected	Revised
North		Middle River, MD	USGS	7½' x 7½'	2016	--	--	--
South		Sparrows Point, MD	USGS	7½' x 7½'	2016	--	--	--



2014

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

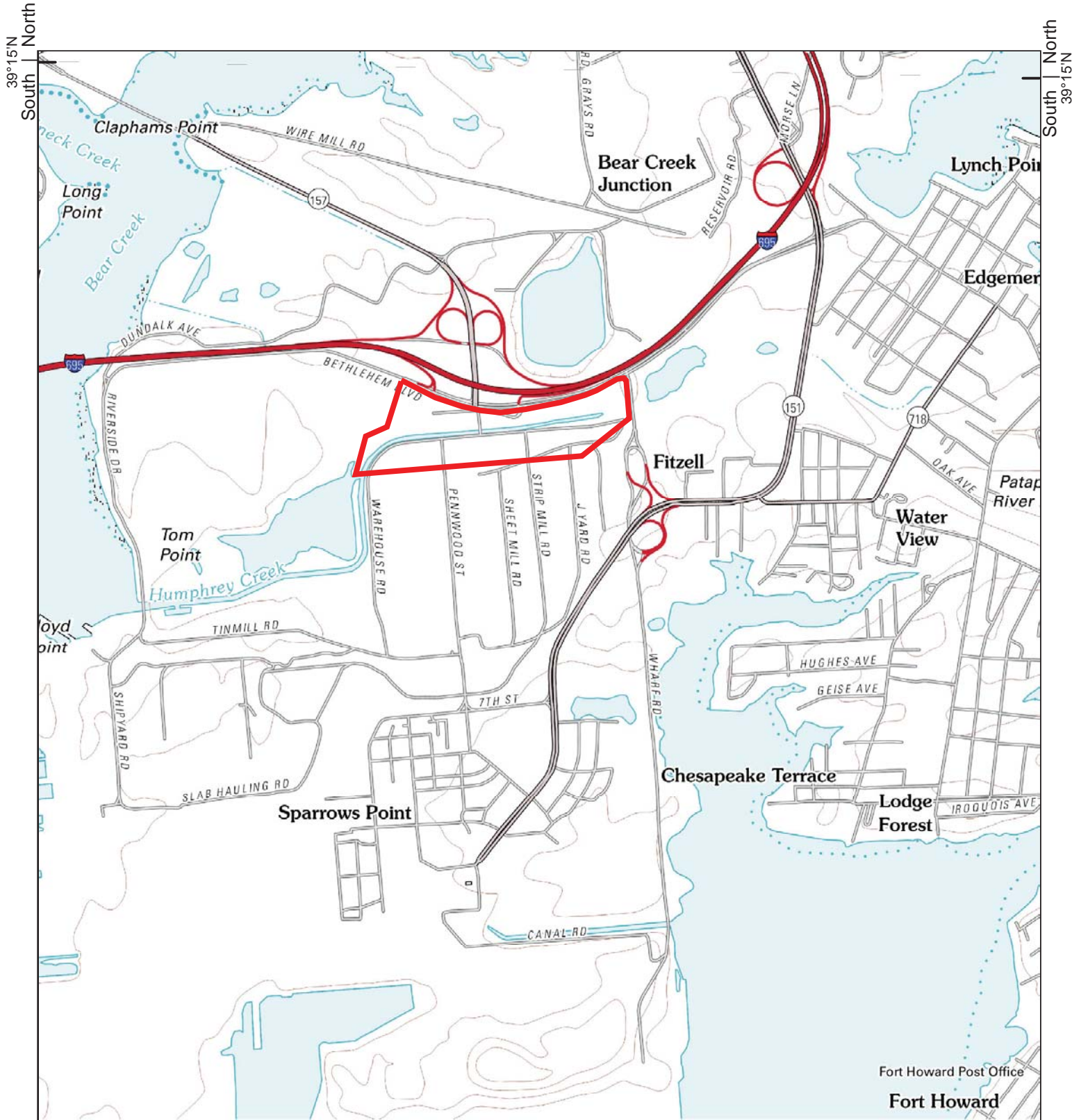
Site information:
Sparrows Point Parcel B-6-1
Sparrows Point, MD



Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

WeaverConsultants
HIG #2006496 completed: 06/07/2017

Zone		Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
						Photo Year	Inspected	Revised
North		Middle River, MD	USGS	7½' x 7½'	2014	--	--	--
South		Sparrows Point, MD	USGS	7½' x 7½'	2014	--	--	--



2011

0 1
Distance in Miles
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

Site information:
Sparrows Point Parcel B-6-1
Sparrows Point, MD



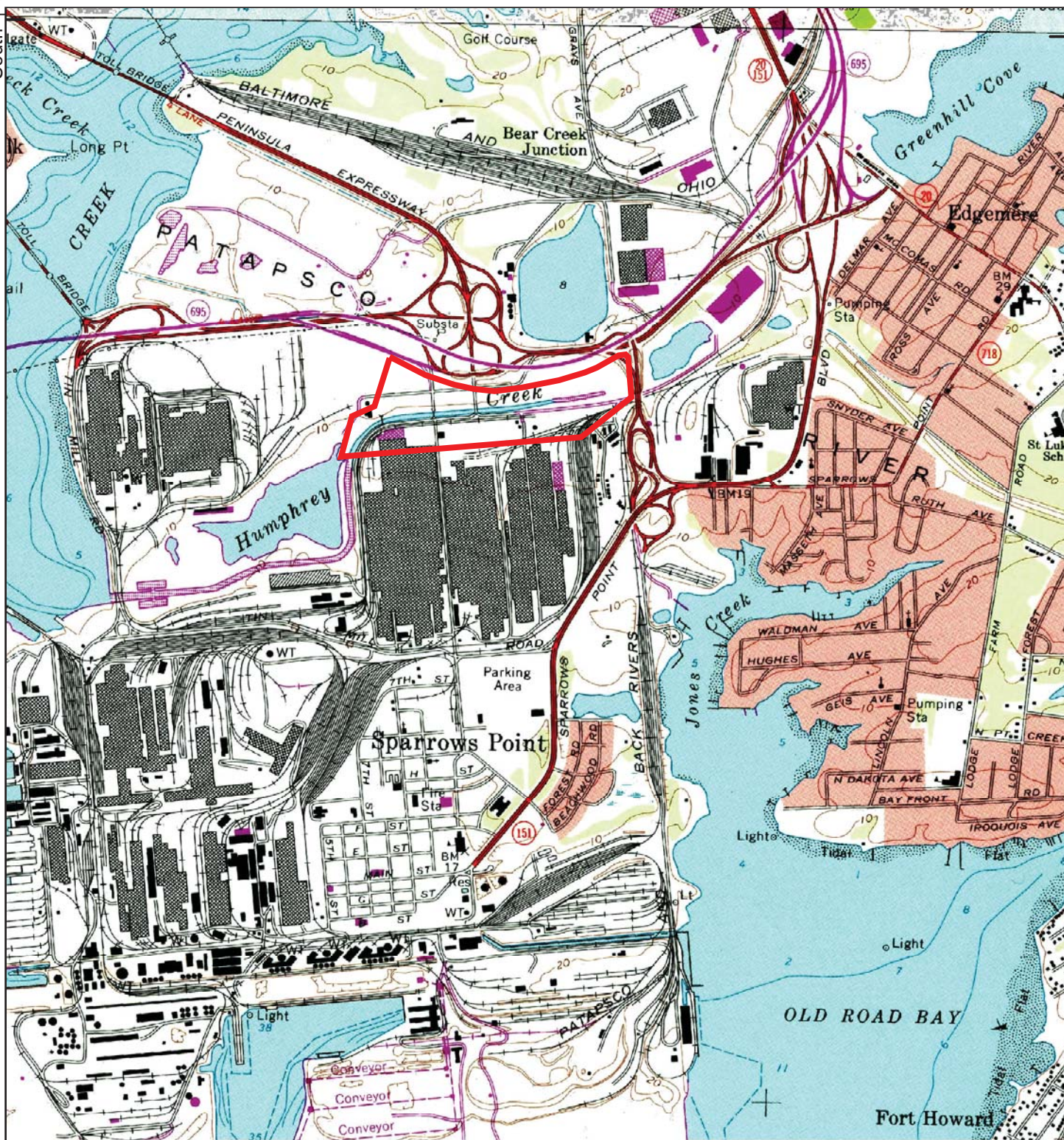
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

WeaverConsultants
HIG #2006496 completed: 06/07/2017

					Aerial Photo Topo Updates		
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Photo Year	Inspected	Revised
North	Middle River, MD	USGS	7½' x 7½'	2011	--	--	--
South	Sparrows Point, MD	USGS	7½' x 7½'	2011	--	--	--

39°15'N
South North

South North
39°15'N



1974

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

Site information:
Sparrows Point Parcel B-6-1

Sparrows Point, MD

Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

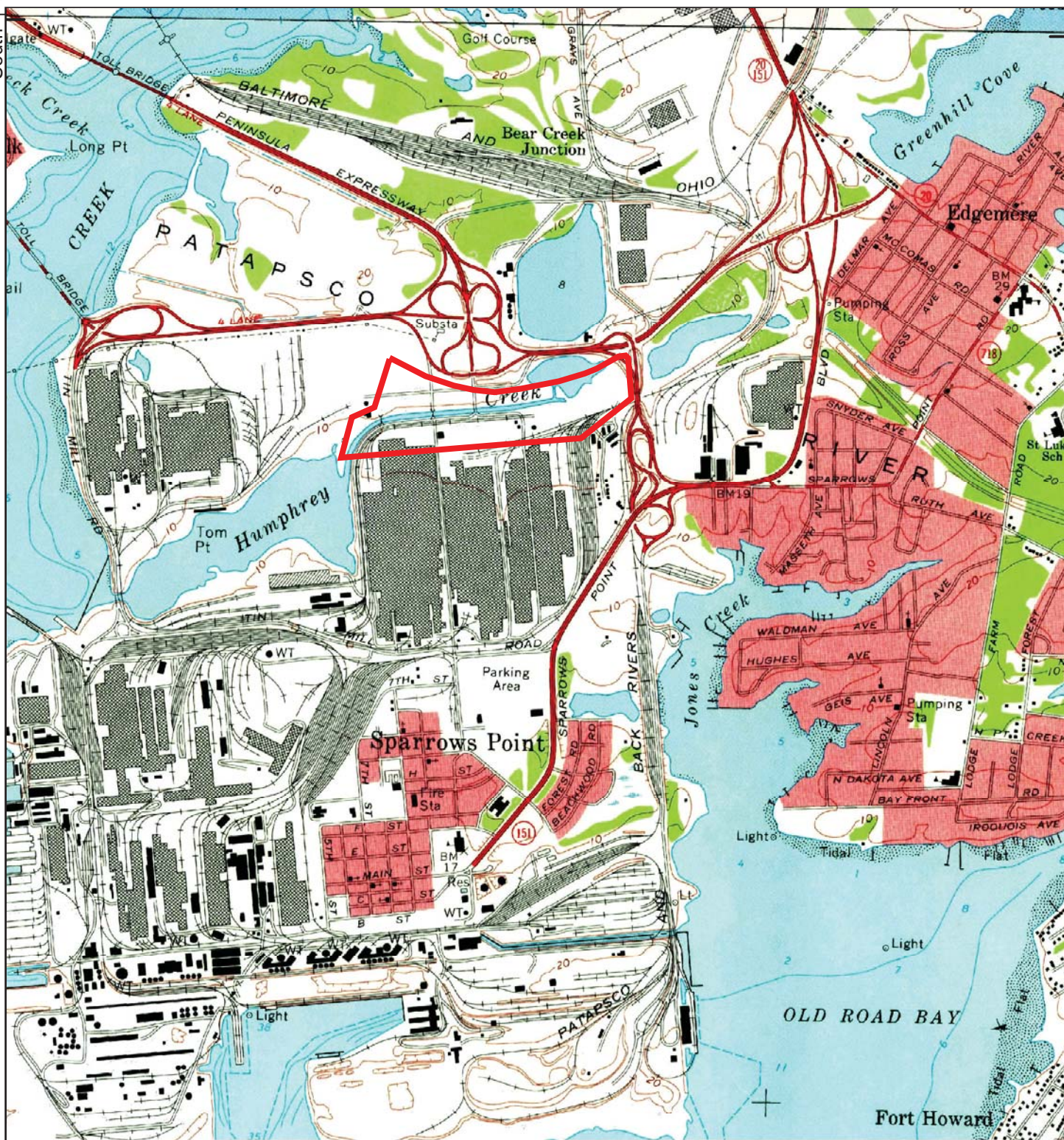
WeaverConsultants
HIG #2006496 completed: 06/07/2017



Zone		Topographic Map Name		Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
							Photo Year	Inspected	Revised
North		Middle River, MD		USGS	7½' x 7½'	1969	1974	--	1974
South		Sparrows Point, MD		USGS	7½' x 7½'	1969	1974	--	1974

39°15'N
South North

South North
39°15'N



1969

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

Site information:
Sparrows Point Parcel B-6-1

Sparrows Point, MD



Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

WeaverConsultants
HIG #2006496 completed: 06/07/2017

Zone		Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
						Photo Year	Inspected	Revised
North		Middle River, MD	USGS	7½' x 7½'	1969	1966	--	--
South		Sparrows Point, MD	USGS	7½' x 7½'	1969	1966	--	--

39°15'N
South North

39°15'N
South North



1944

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

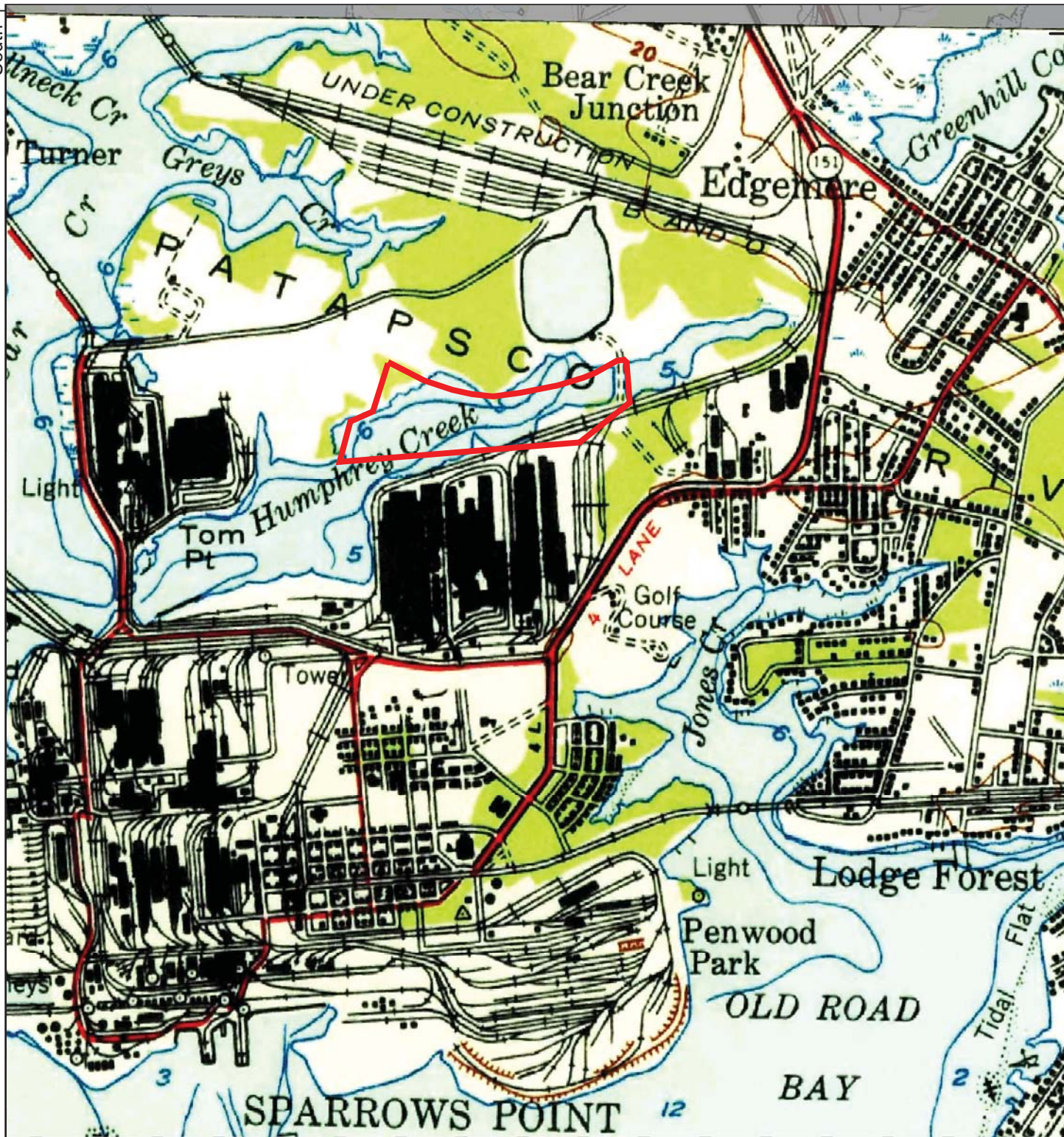
Site information:
Sparrows Point Parcel B-6-1
Sparrows Point, MD



Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

WeaverConsultants
HIG #2006496 completed: 06/07/2017

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates
South	Sparrows Point, MD	CoE	7½' x 7½'	1944	Photo Year Inspected Revised
					1944 -- --



1947

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

Site information:
Sparrows Point Parcel B-6-1
Sparrows Point, MD



Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

WeaverConsultants
HIG #2006496 completed: 06/07/2017

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates
South	North Point, MD	CoE;AMS;USGS	15' x 15'	1947	Photo Year Inspected Revised
					1947 -- --



1943

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

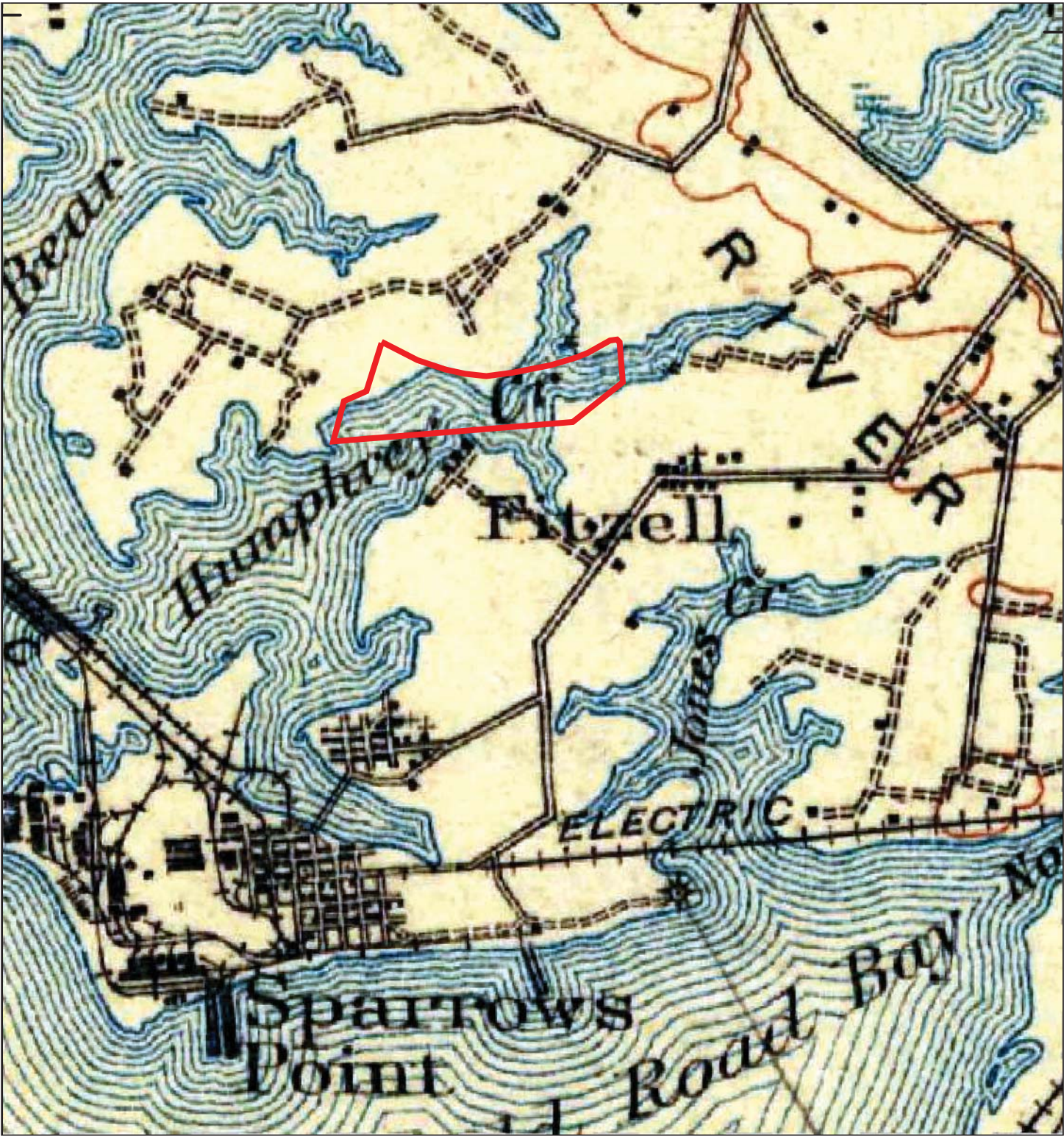
Site information:
Sparrows Point Parcel B-6-1
Sparrows Point, MD




Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

WeaverConsultants
HIG #2006496 completed: 06/07/2017

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates
South	North Point, MD	WarD;CoE	15' x 15'	1943	Photo Year Inspected Revised
					1938 -- --



1908		<div>0Distance in Miles1</div> <div>1: 24,000 (1"=2,000')NAD 1983 UTM Zone 18N</div>		Site information: Sparrows Point Parcel B-6-1 Sparrows Point, MD			
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.				WeaverConsultants HIG #2006496 completed: 06/07/2017			
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
All	Tolchester, MD	USGS	30' x 30'	1908	Photo Year	Inspected	Revised
					--	--	--



1904

0 1
Distance in Miles
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

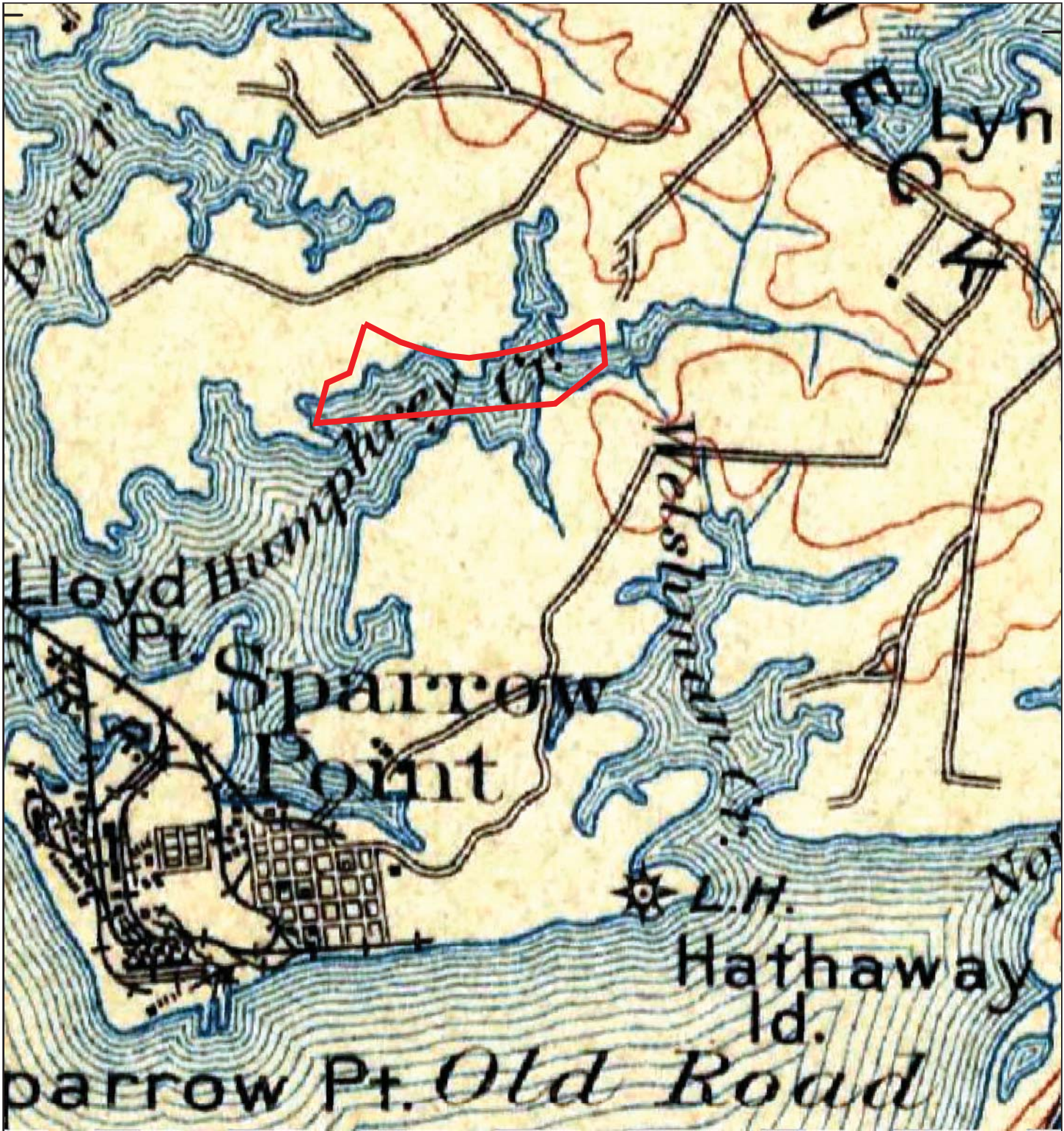
Site information:
Sparrows Point Parcel B-6-1
Sparrows Point, MD




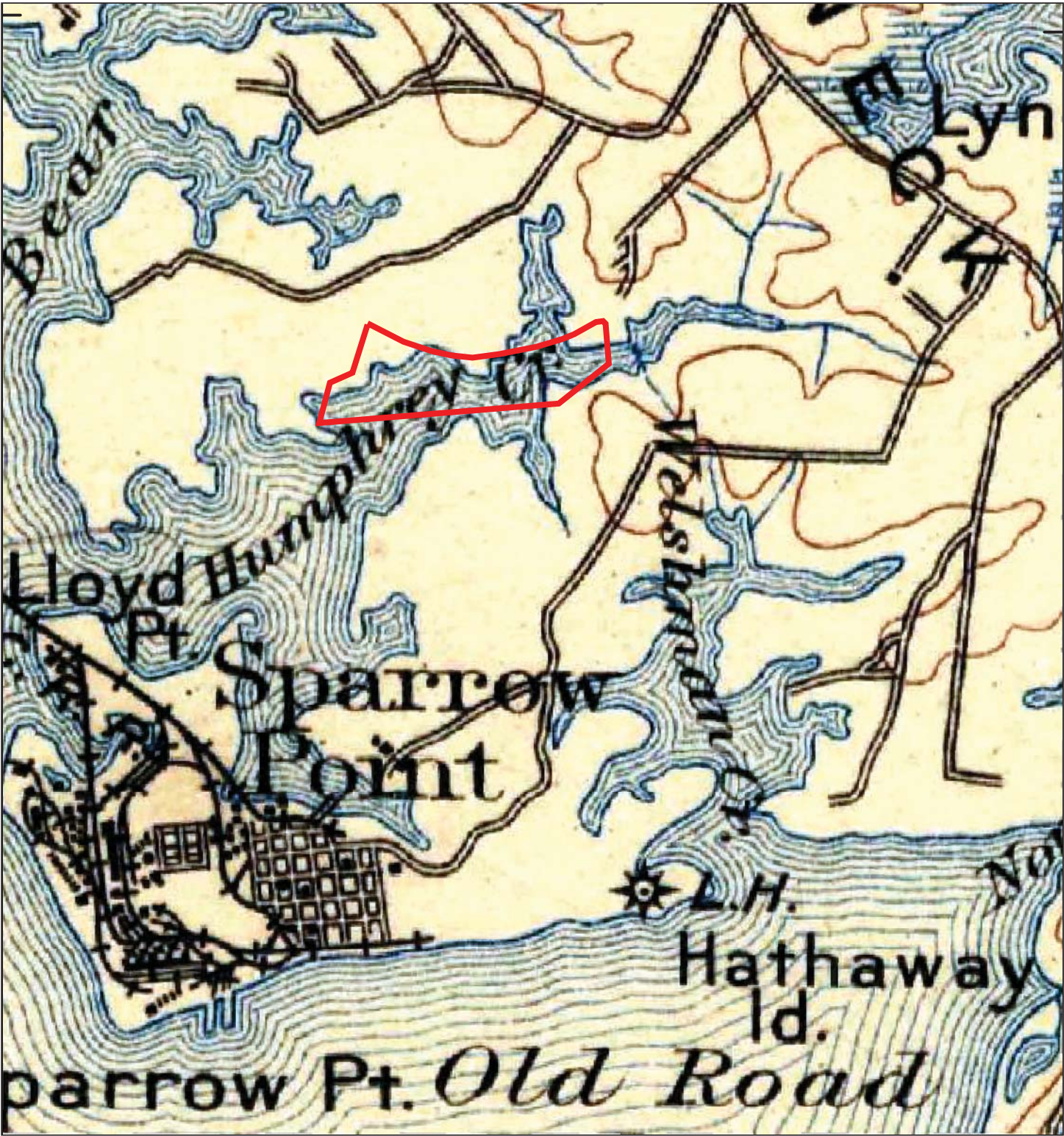
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.


WeaverConsultants
HIG #2006496 completed: 06/07/2017

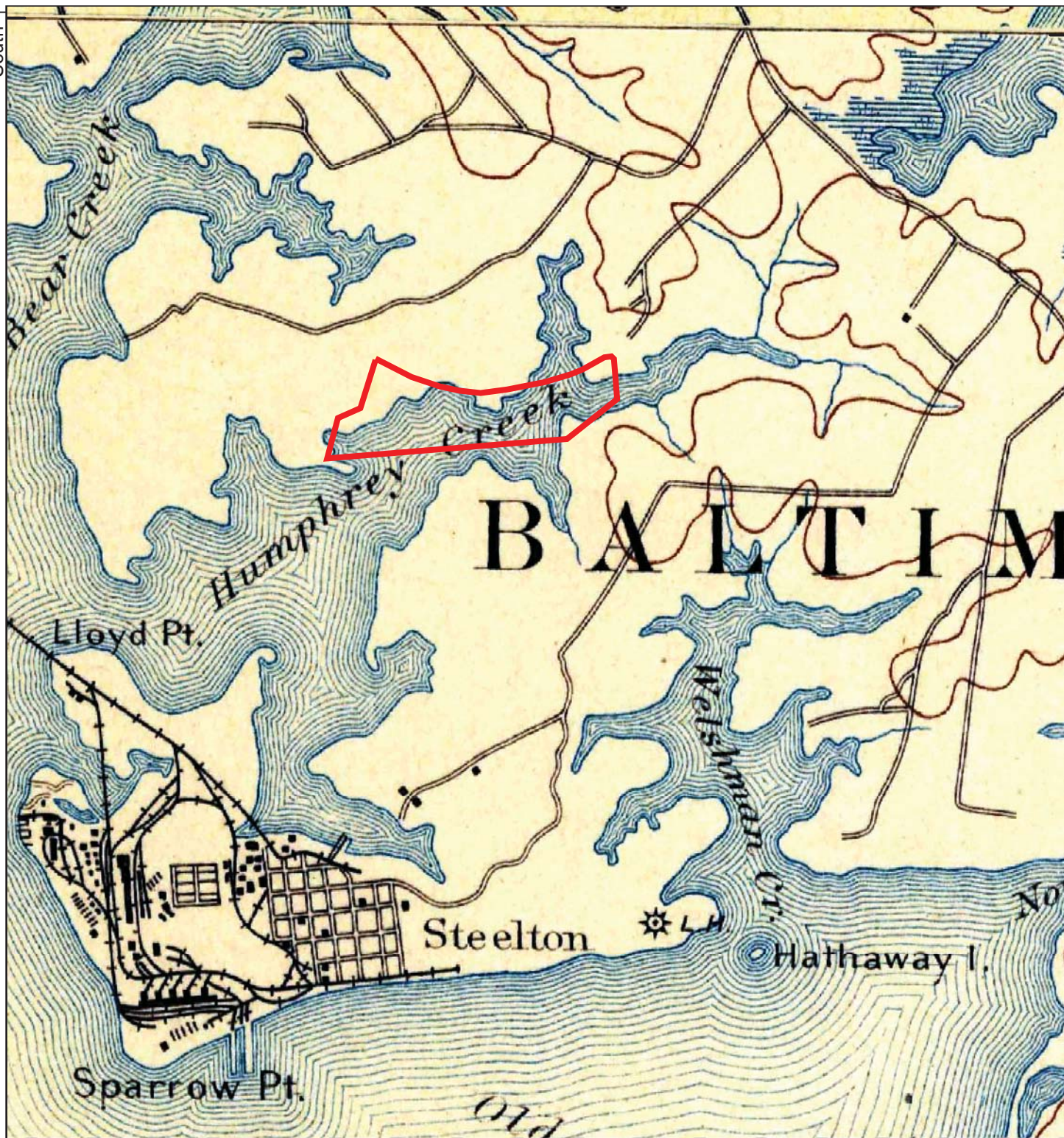
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates
					Photo Year Inspected Revised
South	North Point, MD	USGS	15' x 15'	1904	-- -- --



1903		<div><div>0</div><div>Distance in Miles</div><div>1</div></div> <div>1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N</div>		<div>Site information:</div> <div>Sparrows Point Parcel B-6-1</div> <div>Sparrows Point, MD</div>		<div></div>	
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.			WeaverConsultants HIG #2006496 completed: 06/07/2017				
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
All	Tolchester, MD	USGS	30' x 30'	1903	Photo Year	Inspected	Revised
					--	--	--



1898		<div>0Distance in Miles1</div> <div>1: 24,000 (1"=2,000')NAD 1983 UTM Zone 18N</div>		Site information: Sparrows Point Parcel B-6-1 Sparrows Point, MD			
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.			WeaverConsultants HIG #2006496 completed: 06/07/2017				
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
All	Tolchester, MD	USGS	30' x 30'	1898	Photo Year	Inspected	Revised
					--	--	--



1893

0 1
Distance in Miles
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 18N

Site information:
Sparrows Point Parcel B-6-1
Sparrows Point, MD



Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

WeaverConsultants
HIG #2006496 completed: 06/07/2017

Zone Topographic Map Name		Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
					Photo Year	Inspected	Revised
North	Gunpowder, MD	--	15' x 15'	1893	--	--	--
South	North Point, MD	USGS	15' x 15'	1893	--	--	--

PLATE 43



Map Type: Real Estat
Publisher: Bromley & Co.
Publication Name: Baltimore County
Base Map Date: 1915
Revised Date:
Republished Date:
Sheet Number: 43R

1915

Requested by: Weaver Boos Consultants, LLC
Sparrows Parcel A8
Sparrows Point, MD
HIG Project # 2010722 www.historicalinfo.com



APPENDIX G

PERSONNEL QUALIFICATIONS

CAITLIN KEEFE

Project Scientist

Fields of Expertise

Phase I and Phase II Environmental Site Assessments and Investigations, Risk-Based Groundwater Monitoring and Reporting, Multimedia Sampling, Permitting & Regulatory Compliance, Asbestos Building Inspections, and Lead Based Paint Assessments

Education

B.S. Environmental Sciences
University of Notre Dame

Certifications

OSHA 40-hour HAZWOPER Certification (29 CFR 1910.120)
OSHA 8-hour HAZWOPER Annual Refresher
e-Rail SAFE Contractor for BNSF, CN, & CP Railways
USGBC LEED Green Associate

Professional Summary

Ms. Keefe serves as a Project Scientist for Weaver Consultants Group North Central, LLC. She has over four years of experience performing Phase I and II Environmental Assessments, subsurface soil investigation, groundwater monitoring, geotechnical soil investigations, construction and demolition oversight, remediation oversight, and regulatory review and compliance. In addition, she has assisted with numerous asbestos inspections and lead based paint assessments. She is responsible for data management and generation of technical reports for submittal to various industry, state, and federal regulatory agencies.

Select Project Experience

Ms. Keefe has performed hundreds of Phase I Environmental Site Assessments (Phase I ESAs) for commercial and industrial clients within Illinois and surrounding states. The assessments, at a minimum, have generally complied with

the ASTM E1527-05 and ASTM E1527-13 standard. Her experience in conducting Phase I ESAs includes performing a site reconnaissance to obtain information indicating the likelihood of identifying Recognized Environmental Conditions (RECs) as well as conducting records reviews of federal and state sources to help identify RECs.

Ms. Keefe has participated in numerous field sampling events involving groundwater and surface water at a variety of commercial and industrial facilities. Responsibilities include conformance with established groundwater monitoring procedures and plans, Standard Operating Procedures and compliance with applicable Health and Safety Plans. She is familiar with dedicated groundwater sampling equipment, including low-flow pumps. She also has been responsible for analyzing and reporting the data collected during these field sampling activities.

In support of Phase II Environmental Site Assessments conducted at project sites in Illinois, she has completed various soil sampling events, including: observation of soil probe activities, interpretation of subsurface soils and groundwater, screening for volatile organic contents using a photoionization detector, and sample collection for laboratory analysis. Ms. Keefe has also been responsible for report writing and data management of Phase II Environmental Site Assessments.

Ms. Keefe has participated in hundreds of asbestos-containing material surveys and lead-based paint surveys in support of federal government funded projects. Ms. Keefe prepared final reports and drawings for the inspections and remediation work.



LAURA CRAVEN

Project Manager

Fields of Expertise

Phase I and Phase II site assessments, hydrogeologic investigations, underground storage tank removals and closures, Leaking Underground Storage Tank (LUST) investigations and reporting, voluntary cleanup program site investigation and reporting, and risk-based corrective action.

Education

B.S. in Geology, University of Illinois at Chicago, 1985

Certification

- Completed OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) - 29 CFR 1910.120
- OSHA 8-Hour Refresher
- e-Rail Safe Certification

Professional Summary

Ms. Craven serves as a Project Manager for Weaver Consultants Group North Central, LLC. She has over 18 years of environmental consulting experience. Ms. Craven is responsible for managing a variety of environmental projects including Phase I and Phase II Environmental Site Assessments as well as Site Remediation Program projects. Her responsibilities include managing project schedules and budgets as well as client communication, development of work plans for site investigation and remediation activities, coordination of technical staff and subcontractors to implement project activities, and preparation and review of technical reports.

Select Project Experience

Ms. Craven serves as the Project Manager for a facility with an active remediation system that is operating to recover diesel fuel from the subsurface. The remediation activities are being performed for a major railroad sector client under the Illinois Site Remediation Program. She is responsible for coordination of routine operations and maintenance, preparation of annual reports, client

communication, communication with regulators, and development of closure strategies.

She managed the site investigation and Illinois Site Remediation Program activities for a former drycleaner facility to secure a No Further Remediation letter. The activities were performed for a commercial development company on an accelerated basis to meet an aggressive development schedule.

Ms. Craven was the Task Manager for regulatory closure activities for 12 Leaking Underground Storage Tank (LUST) projects in Michigan for a major oil and gas client. She was responsible for managing project schedules and budgets; coordination of field activities; preparation of monthly progress reports, characterization reports, corrective action plans, and closure reports; communication with regulators and site owners; overall health and safety management including planning, HASP preparation, and kick-off meetings; and development of closure strategies.

She was responsible for conducting field work, performing data evaluation, and preparing reports for 20 LUST project sites in Illinois for major oil and gas clients. Field work included supervision of drilling subcontractors, recording soil descriptions, design and installation of monitoring wells, well development, measurement of water levels, groundwater and soil sample collection, hydraulic conductivity testing, and surveying.

Ms. Craven was the Project Manager and field geologist for an underground storage tank (UST) removal project. She was responsible for managing the project schedule and budget as well as communication with the client. She conducted oversight of removal of a diesel UST and two waste oil USTs, collected confirmation soil samples, and prepared regulatory reports required under the Illinois EPA LUST program.

She was the Task Manager for an industrial facility impacted with chlorinated compounds and regulated under the Illinois EPA Site Remediation Program. She was responsible for coordination of field activities with staff

LAURA CRAVEN

Project Manager

and subcontractors, preparation of reports, and communication with the client.

She worked as a Project Manager for a facility impacted with ketones and regulated under the Kentucky Voluntary Environmental Remediation Program. She was responsible for managing the project schedule and budget, coordination of quarterly groundwater monitoring and reporting, client communication, and working with technical experts to develop a remedial strategy.

Ms. Craven conducted a soil and groundwater investigation at a former manufactured gas plant for a major utility sector client and prepared the site investigation report. She participated in a deposition for a lawsuit associated with the former facility.

Ms. Craven was a Project Manager and field geologist for a former appliance manufacturing facility with a large volatile organic compound (VOC) plume. She supervised and directed installation of an extraction well to a depth of 290 feet in a bedrock formation using air rotary drilling techniques. She conducted a low-flow pumping test in the extraction well to determine if VOC concentrations in groundwater were sustainable for a 48-hour time period.

Ms. Craven worked as a Project Manager and field geologist for oversight of an environmental cleanup project associated with the client's Terminal Certification Program. Her responsibilities included oversight for removal and disposal of a variety of waste materials located throughout the facility; materials included stained crushed stone and soil, general debris, concrete, asphalt, railroad ties, and stored liquid waste materials. She also supervised railroad track cleaning/treatment with a biodegradable dispersant and installation of absorbent track mats, and prepared a report documenting cleanup activities.

Ms. Craven served as a Project Manager for a Resource Conservation and Recovery Act (RCRA) closure of two former drum storage areas and a hazardous waste UST. She coordinated and conducted site investigations to define the extent of VOC impacts to soil and groundwater.