PHASE I ENVIRONMENTAL SITE ASSESSMENT

FORMER FEDERATED METALS FACILITY
300 & 301 ENTERPRISE AVENUE
BLOCK 23102, LOT 9; BLOCK 23101, LOT 3; BLOCK 23004, LOT 3
TRENTON, MERCER COUNTY, NEW JERSEY

PREPARED FOR:

CITY OF TRENTON

DEPARTMENT OF HOUSING AND ECONOMIC DEVELOPMENT

DIVISION OF ECONOMIC DEVELOPMENT

3RD FLOOR ANNEX

319 E. STATE STREET

TRENTON, NEW JERSEY 08608-1866

PREPARED BY:

RANSOM ENVIRONMENTAL 2127 HAMILTON AVENUE HAMILTON, NEW JERSEY

PROJECT # 060107

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SEPTEMBER 7, 2006



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1.0 INTRODUCTION

The following report presents the results of a Phase I Environmental Site Assessment (ESA), which was performed by Ransom Environmental (Ransom) on behalf of the City of Trenton Department of Housing and Economic Development (User¹). The subject of this assessment is the Former Federated Metal Facility located at 300 & 301 Enterprise Avenue, Trenton, Mercer County, New Jersey (*Property*). The former facility was divided into two (2) individual opposing parcels of land on the southeast and northwest sides of Enterprise Avenue. The *Property* is currently identified as 300 Enterprise Avenue, Block 23102, Lot 9 (hereto referred to as Parcel A); 301 Enterprise Avenue, Block 23101, Lot 3 and Block 23004, Lot 3 (hereto referred to as Parcel B).

As a result of designation changes, which took place in the later half of 2005, the block and lot designations for the subject *Property* were changed as followed:

- From Block 210, Lot 2 to Block 23102, Lot 9;
- From Block 210A, Lot 15 to Block 23101, Lot 3; and
- From Block 209D, Lot 1223 to Block 23004, Lot 3.

The above listed current block and lot designations are referenced on the Tax Maps, City of Trenton, sheets 230 and 231.

The Parcel A portion of the *Property* was utilized primarily by various corporate entities for the refining of secondary metals to produce metallic zinc dust from approximately 1925 until operations ceased in August 1980. The Parcel A buildings were demolished in April 1995 and the lot was subsequently used for the collection and storage of demolition/construction debris until approximately September 2002, after which the lot remained undeveloped and vacant.

The Parcel B portion of the *Property* was utilized primarily for the staging of waste products from operations on Parcel A, which included slag, zinc skimmings, furnace brick, and lesser quantities of zinc metal. A total of 580.12 tons of material was removed as hazardous waste from the Parcel B in January and February 1993 (discussed further in Section 3.3). In addition, Parcel B was also utilized for employee parking until plant operations ceased on Parcel A in August 1980.

¹ American Society for Testing and Materials (ASTM) Standard E 1527-05 defines the User as the party seeking the environmental site assessment of the property. A user may include, without limitation, a purchaser of a property, a potential tenant of a property, an owner of a property, a lender, or a property manager.

1.1 Purpose

The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to the process prescribed under the American Society for Testing and Materials (ASTM) Standard E 1527-05, "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process", recognized environmental conditions (RECs) in connection with the *Property*. The term recognized environmental conditions is defined within ASTM E 1527-05 as follows: the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with the laws. The term is not intended to include de minimis conditions that generally do 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 are not recognized environmental conditions.

1.2 Detailed Scope-of-Services

Ransom conducted this Phase I ESA in accordance with ASTM Standard E 1527-05; all of the elements of the Preliminary Assessment (PA) process pursuant to the New Jersey Department of Environmental Protection (NJDEP) Technical Requirements for Site Remediation, N.J.A.C. 7:26E; and Section 40 of the Code of Federal Regulations (CFR) Part 312 – Standards for Conducting All Appropriate Inquiries (AAI). AAI is a minimum standard of practice that must be followed when conducting investigations for the purpose of permitting the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser liability protection in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA). A copy of Ransom's Proposal for a Phase I Environmental Site Assessment dated February 1, 2006 and signed by the client is included as Appendix A. The preliminary assessment report (PAR) form is presented as Appendix B.

This assessment was prepared by Gregory A. Casabona, Senior Project Manager, and reviewed by Andrew D. Waring, P.G., Vice President of Technical Services, both of Ransom. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR Part 312.10. We have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the *Property*. We have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

The Phase I ESA included a site reconnaissance, interviews with persons knowledgeable of the properties and local officials (when available), and a literature search. Photographs taken during the May 31, and June 6, 2006 site reconnaissances are included in **Appendix C**. Local, state, and federal agencies were contacted to request information on underground storage tanks (USTs), spill incidents and regulatory issues under the Freedom of Information Act (FOIA) /

Open Public Records Act (OPRA). A database radius search of federal, state and local agency records was conducted in accordance with ASTM E 1527-05 in order to identify potential areas of environmental concern, RECs or discharges of hazardous substances. Historic maps and aerial photographs were reviewed to identify previous uses of the *Property* and adjoining land, including uses, which could have potentially caused or contributed to contamination of the *Property*.

1.3 Significant Assumptions

It is assumed that the groundwater flow direction follows topographic grade towards the nearby Assunpink Creek located to the southeast. Actual groundwater flow direction at the *Property* can only be ascertained by conducting a hydrogeologic investigation, which has not been performed as part of this Phase I ESA. The purpose of this Phase I ESA is to investigate the *Property* in support of its purchase by the City of Trenton, Department of Housing and Economic Development in accordance with an ordinance passed by the City Counsel of Trenton on November 7, 2002, approving the Enterprise Avenue Redevelopment Area Plan and to qualify for the bona fide prospective purchaser liability protection under CERCLA.

1.4 Limitations and Exceptions

The comments and information presented in this Phase I ESA report are based upon the physical site conditions as they existed at the *Property* during the site reconnaissance conducted by Ransom, public sources of information that may have been provided to Ransom by the client, any agents acting on behalf of the client, the facility owner/operator, representatives of the current property owner(s) or tenants, Federal, State, County, local officials, local sources and written or available mapped information obtained by Ransom from various sources. Ransom has no direct control over the information obtained through outside sources and, as such, Ransom cannot ensure the accuracy of the information. It should be noted that information obtained from state and local agencies is not necessarily all-inclusive and that files may have been reviewed and purged by officials prior to review by the public. Should relevant additional information become available in the future, the information will be reviewed by Ransom and the findings presented herein may require revision.

As an environmental consulting firm, Ransom does not have expertise in matters of real estate appraisal, and determination of fair market value. Therefore, Ransom relies on the User to indicate the relationship of the *Property's* purchase price to the fair market value of the *Property*, assuming it is not contaminated, in accordance with 40 CFR 312.29. If the User indicates there is a disproportionate disparity between the *Property's* purchase price and the *Property's* fair market value, then Ransom will consider whether the difference is due to the presence of releases or threatened releases of hazardous substances at or adjacent to the *Property*.

No environmental site assessment (Phase I ESA) can wholly eliminate uncertainty regarding the potential for RECs in connection with the *Property*. Performance of a comprehensive ESA is intended to reduce, but not eliminate, reasonable uncertainty regarding the potential for RECs in connection with the *Property* within reasonable limits of time and cost.

This Phase I ESA does <u>not</u> include the following items or issues that are beyond the scope of the standard ASTM site assessment practice (non-scope considerations): i) the sampling of soil, surface water, groundwater, or air; ii) the performance of a hydrogeologic investigation; iii) wetlands; iv) tank integrity testing; v) asbestos; vi) lead paint; vii) lead in drinking water; viii) regulatory compliance; ix) cultural and historical resources; x) industrial hygiene; xi) health and safety; xii) ecological resources; xiii) endangered species; xiv) indoor air quality; xv) mold & water damage; xvi) high voltage power lines; xvii) real estate appraisals, valuation or determination of fair market value; or xviii) an evaluation of naturally occurring materials which may be hazardous, such as radon or methane gas. Actual conditions of soil, surface water, groundwater, and air can only be determined through sampling and quantitative laboratory analysis.

1.5 Special Terms and Conditions

This report meets the minimum acceptable scope of work for Phase I ESAs and was prepared in compliance with ASTM Standard Practice E 1527-05 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", the PA process pursuant to the NJDEP Technical Requirements for Site Remediation, N.J.A.C. 7:26E, and 40 CFR Part 312 – Standards for Conducting AAI. Additional terms and conditions applicable to the performance of this Phase I ESA are described in Ransom's Proposal for a Phase I Environmental Site Assessment included as Appendix A.

1.6 User Reliance

This Phase I ESA report was prepared exclusively for the use of the City of Trenton Department of Housing and Economic Development and is not for the use or benefit of, nor may it be relied upon by, any other person or entity. The contents of this report may not be quoted in whole or in part or distributed to any person or entity other than the City of Trenton Department of Housing and Economic Development without, in each case, the advance written consent of Ransom. No warranty expressed or implied is made as to the professional advice presented herein. Other third parties rely on this report at their own risk.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Ownership, Location and Legal Description

Federated Metals, Inc.

Owner: A subsidiary of ASARCO Master, Inc.

1150 State Street , Perth Amboy, New Jersey

Site Occupants: Currently Vacant

Date of Ownership: December 29, 1975

Site Location: 300-301 Enterprise Avenue, Trenton, New Jersey

County: Mercer

Tax Assessment
Designation:

Block 23102, Lot 9 (formerly Block 210, Lot 2)
Block 23101, Lot 3 (formerly Block 210A, Lot 15)

Block 23004, Lot 3 (formerly Block 209D, Lot 1223)

USGS Quadrangle: Trenton East, New Jersey

Latitude: N 40° 14' 23"

Longitude: W 74° 44' 15.2"

An annotated United States Geological Survey (USGS) Topographic Map (Trenton East, New Jersey) indicating the *Property* location, elevation, topography and land use features is included within this report as **Figure 1**. A site plan is included as **Figure 2**.

2.2 Site and Vicinity General Characteristics

The *Property* is currently vacant land in an area developed primarily as commercial properties interspersed with wooded land. The *Property* is divided into two (2) individual opposing parcels of land on the southeast (Parcel A) and northwest (Parcel B) sides of Enterprise Avenue. Ransom has arbitrarily identified these lots as Parcel A and Parcel B for ease of reference herein.

Parcel A is a vacant triangular lot with a surface comprised of concrete and asphalt millings that may be remnants from the building's demolition in April 1995. Parcel A is bordered to the northwest by a railroad spur owned by the United New Jersey Railroad and Canal Company (UNJRR & C Co.) and Enterprise Avenue, beyond which is Parcel B to the west and Trenton Iron & Metal to the north; to the northeast and southeast by a vacant vegetated lot owned by the City of Trenton (the former Cordey China facility, a pottery manufacturer), beyond which is a continuation of vegetated and wooded land and the Assunpink Creek; and to the south by the

Conrail (Trenton to Jersey City) Millham Branch Railroad Spur, beyond which is the Former Wenczel Tile facility.

Parcel B is a heavily vegetated and partially wooded rectangular lot bordered to the north, northwest and southwest by a narrow, partially vegetated and wooded lot owned by Trenton Iron and Metals, beyond which is the southeast embankment of US Route 1 north; to the northeast by Trenton Iron & Metal, beyond which is Trenton Fleet Services, Inc.; to the southeast by Enterprise Avenue and the UNJRR & C Co. railroad spur, beyond which is Parcel A; to the south by the Conrail Millham Branch Railroad Spur, beyond which is the Salvation Army transfer facility, Enterprise Avenue, the Former Wenczel Tile facility and Andrea Aromatics.

2.3 Current and Former Site Use

As previously discussed, the *Property* is currently identified on the City of Trenton Tax Map (sheets 230 and 231) as: Block 23102, Lot 9; Block 23101, Lot 3; and, Block 23004, Lot 3. A portion of the City of Trenton Tax Map depicting the *Property* is included as **Figure 3**.

Block 23102, Lot 9 (Parcel A) is a 1.047 acre triangular shaped lot which is currently a vacant, unvegetated parcel of land with a surface area comprised of concrete and asphalt millings surrounded by a 6 foot high chain link fence. Parcel A was utilized primarily by various corporate entities for the refining of secondary metals to produce metallic zinc dust from approximately 1925 until operations were ceased in August 1980. The buildings were demolished in April 1995 and the lot was subsequently used for the collection and storage of demolition and construction debris by Transport Resources, Inc., until approximately September 2002, after which the lot remained undeveloped and vacant. Refer to Figure 4 for a facility map depicting the layout of the former plant, which was owned by Federated Metals on Parcel A.

Block 23101, Lot 3 and Block 23004, Lot 3 (Parcel B) combine to create a 3.6 acre rectangular lot which is currently a vacant, undeveloped, vegetated lot with scattered debris (scrap metal, tires, glass, concrete block, construction debris, household rubbish, etc.) which seems to be a result of illegal dumping. Parcel B was utilized primarily for the staging of waste products from operations on Parcel A, which included slag, zinc skimming, furnace brick, and lesser quantities of zinc metal. Parcel B was also utilized for employee parking until plant operations ceased in August 1980. A total of 580.12 tons of material was removed as hazardous waste from Parcel B in January and February 1993. Refer to Section 3.3 for as further discussion of the January and February 1993 remedial activities. Refer to Figure 5 for a copy of a facility map generated by JMZ Geology, which depicts Parcel B.

2.4 Description of Structures, Roads and Other Improvements On-Site

No structures, paved roadways or improvements are currently located on either Parcel A or B. Parcels A and B are accessed from Enterprise Avenue through chain link gates from the northwest and southeast, respectively. No surface structures, storm water catch basins or surface impoundments where observed on either parcels of land.

2.5 Current and Former Uses of Adjoining Properties

As stated in Section 2.2, The *Property* is divided into two (2) individual opposing parcels of land on the southeast (Parcel A) and northwest (Parcel B) sides of Enterprise Avenue.

Parcel A

Parcel A is a triangular lot bordered to the northwest by the UNJRR & C Co. railroad spur and Enterprise Avenue. On the UNJRR & C Co. railroad spur, rail cars are staged for the transport of material associated with the Trenton Iron and Metal facility. Associated scrap metal and debris is scattered on all sides of the rail tracks. Beyond Enterprise Avenue is Parcel B to the west and Trenton Iron and Metal to the north. Trenton Iron and Metal occupies an approximate 5.49-acre lot, which is utilized as a junkyard and scrap metal recycler. The lot is occupied with items such as, but not limited to, truck bodies, motor vehicle parts, above and below ground storage tanks, tires, rims, appliances, machinery, wire, steel beams, steel piping, drums, containers and assorted scrap metal. Numerous incident reports documenting fires, explosions and releases at the Trenton Iron and Metal facility were discovered during the NJDEP file search discussed in Section 4.3 below.

To the northeast and east of Parcel A is a vacant 3.75 acre vegetated lot owned by the City of Trenton, beyond which is the Assunpink Creek. The vegetated lot was the location of the former Cordey China Company, which manufactured artware, earthenware, table and kitchenware, statuary lamps, porcelain, ceramics, and giftware over an approximate 37-year history. In 1984, Princeton Commerce Center, Inc., purchased the property and demolished the buildings. The site was then paved and used as a parking lot since that time. A Site Investigation Report generated by PMC Environmental (PMC) of Exton, PA in September 2003 identified concentrations of polycyclic aromatic hydrocarbons (PAHs) and metals, with several constituents, including zinc, exceeding their respective NJDEP residential direct contact soil cleanup criteria (RDCSCC). PMC concluded that the exceedances of the RDCSCC are attributed to historic fill found throughout the site.

To the south of Parcel A is an active rail line (the Millham Branch Railroad Spur) owned by Conrail, beyond which is the Former Wenczel Tile facility. The Former Wenczel Tile facility manufactured ceramic tiles and pottery from as far back as the 1930's or 1940's. Based upon the observations noted within a Phase I Environmental Investigation report generated by Shakti Consultants, Inc., (Shakti) of Jamesburg, New Jersey in July 1994, seven (7) areas of environmental concern were identified at the Wenczel Tile facility. The areas of concern involved asbestos present and former USTs, raw glaze products and waste pits, electrical transformers, and surface soil at the rear of the property which contained cadmium, lead and zinc above the NJDEP's proposed residential soil cleanup standards (SCC) at the time the report was written. The aforementioned soil concentrations are above the current residential SCC; only the concentrations of lead and zinc exceed the current NJDEP non residential SCC. Refer to Section 3.3 for a further discussion of the Shakti Phase I report.

Parcel B

Parcel B is a rectangular lot bordered to the north, northwest and southwest by a narrow, one acre wooded lot owned by Trenton Iron and Metal and to the northeast by a 5.49-acre lot also owned by Trenton Iron and Metal (discussed above); both of the lots are utilized for the storage of junk and scrap metal as previously described.

To the east of Parcel B are Enterprise Avenue and the UNJRR & C railroad spur, beyond which is Parcel A. To the south of Parcel B is the Conrail Millham Branch Railroad Spur, beyond which is the Salvation Army transfer facility which sorts, consolidates and transports donated clothing for reuse. Across Enterprise Avenue from the Salvation Army facility is the former Wenczel Tile facility (described above) to the southeast and Andrea Aromatics, a storage and shipping facility for scenting additives, to the south southeast

It should be noted that the neighboring Trenton Iron and Metal facility also utilizes the site address "301 Enterprise Avenue" and has the address clearly noted on the building's exterior. A review of historic records revealed that the Tax Map, City of Trenton, Sheet 231, has Block 23101, Lot 3 (Parcel B), which is owned by Federated Metals, as having the 301 Enterprise Avenue address, while the 1949 Sanborn Fire Insurance Map first depicts a small site building, assumed to be owned by Trenton Iron and Metal, as having the 301 address designation.

In an attempt to clarify this inconsistency, Ransom contacted J.R. Capasso of the City of Trenton Department of Housing and Economic Development, who stated that the City of Trenton Engineering Department determines the address designations for Block and Lots within the city limits and that numerical address designations with the last digits of 1 through 9 (i.e. 101 to 109, 201 to 209, and 301 to 309, etc.) are usually reserved for corner lots such as Parcels A and B.

A further inquiry was made with Mr. Frank Chiacchio of the City of Trenton Engineering Department who stated that the old City of Trenton Tax Map (sheet number 236), which was transposed to the newer version (sheet number 231) following a change in block and lot designations in the later part of 2005, depicts Parcel B and Trenton Iron and Metal as having street designations of 301 and 357 Enterprise Avenue, respectively. The newer version of the City of Trenton Tax Map (sheet number 231) shows the 301 designation in front of Parcel B but does not show the 357 designation in front of Trenton Iron and Metal. Mr. Chiacchio stated that the correct address for Trenton Iron and Metal was 357 Enterprise Avenue and that Trenton Iron and Metal is using the 301 designation in error.

Although the combined street addresses of 300 and 301 Enterprise Avenue were utilized in all information requests and data gathering efforts, the uncertainty associated with the ambiguous address of the Parcel B lot should be viewed as a potential limiting factor when evaluating the data presented within this report.

2.6 Site Geology and Hydrogeology

2.6.1 Geology

According to the Bedrock Geologic Map of Central and Southern New Jersey (1998), the *Property* is underlain by Middle Proterozoic Gabbro, geologic symbol Ygb, consisting of medium to coarse crystalline, medium to dark gray foliated rock composed principally of plagioclase and clinopyroxene, which contain minor amounts of garnet, biotite, and sulfide. The rock is more siliceous than typical gabbros. The unit, part of the Trenton Prong, is approximately 2,300 to 9,000 feet thick. A large fault, the Huntington Fault, is mapped in close proximity to the site.

According to the Soil Survey of Mercer County, New Jersey (Jablonski, 1972) prepared by the United States Department of Agriculture (USDA) Soil Conservation Service, mapped soils in the vicinity of the *Property* are classified as cut and fill land, gravelly material. This cut and fill material generally consists of mixed gravelly sandy materials either from the top soil being removed and the gravelly sand exposed, or from the gravelly sand being used as fill material. Permeability of gravely sand is rapid and the material is generally well drained.

2.6.2 Hydrogeology

A review of the Trenton East, New Jersey Quadrangle USGS Topographic Map (7.5-minute series) reveals that Assunpink Creek is located approximately 0.02 miles southeast of Parcel A and approximately 0.05 miles southeast of Parcel B; the Delaware and Raritan (D&R) Canal is located approximately 0.07 miles northwest of Parcel A and approximately 0.04 miles northwest of Parcel B. The regional overland drainage and anticipated groundwater flow direction is expected to have a predominantly southeasterly direction towards Assunpink Creek. This approximate direction is based on topography and the closest water bodies to the *Property*. The inferred groundwater flow direction is established for the purpose of observing potential off-site sources of groundwater contamination that may impact the *Property*. Due to local variations of groundwater flow resulting from natural and man-made factors such as underground utilities, actual groundwater flow direction at the *Property* may vary from the predicted direction. Actual groundwater flow direction at the *Property* can only be ascertained by conducting a hydrogeologic investigation, which has not been performed as part of this ESA. A copy of the USGS Topographic Map section is included as Figure 1.

3.0 USER PROVIDED INFORMATION

Ransom provided the City of Trenton Department of Housing and Economic Development (the User) with a Phase I ESA Questionnaire to obtain any information, which may indicate any RECs in connection with the *Property*. The questionnaire was subsequently provided to Mr. Vincent Wildman of Bridgeview Management Company, Inc., which is a commercial property management firm currently managing the *Property* for ASARCO Master, Inc., which is the parent company of Federated Metals (the current property owner). The Questionnaire was ultimately forwarded to Mr. Jack Gracie, an ASARCO employee responsible for corporate real estate. The User Questionnaire is discussed further in **Section 6.0** and a copy is included in **Appendix A for reference**.

3.1 Title Records

Title records for the *Property* were not provided to Ransom by the User; however, on June 21, 2006, Ransom conducted a limited deed search at the Mercer County Clerk's Office of Records. Results of the limited deed search are presented in **Section 4.6.3**.

3.2 Environmental Liens or Activity and Use Limitations

Based on the limited deed search conducted by Ransom, no Environmental Liens or Activity and Use Limitations were found pertaining to the *Property*.

3.3 Specialized Knowledge

Ms. Leah Yasenchak, Principal, BRS Inc., on behalf of the City of Trenton, Department of Housing and Economic Development, provided Ransom with a copy of two (2) reports prepared for the *Property*. A summary of these documents are presented below and copies are included as **Appendix D**.

Phase I Environmental Site Assessment – July 1994 (adjacent property)

Shakti Consultants, Inc., (Shakti) of Jamesburg, New Jersey prepared a Phase I Environmental Site Assessment report on the former Wenczel Tile facility located at 200 Enterprise Avenue on behalf of Lestician Trucking. The former Wenczel Tile Facility is located immediately to the south southwest of the former Federated Metals Parcel A property. The report documents potential RECs at the former tile facility resulting from asbestos, former USTs (kerosene, diesel, and heating oil), raw glaze products, waste pits, electrical transformers, and surface soils impacted with cadmium, zinc and lead at the rear of the property adjacent to Federated Metals. In addition, during the Phase I Site Assessment, Shakti, under the supervision of the NJDEP, collected soil samples on the Federated Metals property (Parcel A) and along the adjacent railroad tracks. The results of the soil sampling identified chromium, zinc, and lead in excess of the NJDEP SCC at the time the report was written, as well as exceeding the current NJDEP SCC.

Soil Investigation Report - July 2000

JMZ Geology (JMZ) of Flemington, New Jersey prepared the aforementioned report on behalf of Bridgeview Management Company, Inc. The report documents an investigation of the soils at the *Property*, specifically, 301 Enterprise Avenue, herein referred to as Parcel B, following the removal of identified wastes by JMZ in January and February 1993. A total of 580.12 tons (24 loads) of material was removed as hazardous waste from the *Property* which included slag, zinc skimming, furnace brick with lesser quantities of zinc metal, rusted drums and containers, machinery parts, building rubble, domestic rubble, and automobile parts.

The results of the investigation confirmed that residual waste materials from the 1993 slag removal were still present on the site; concentrations of antimony, arsenic, lead, thallium, and zinc exceeded the NJDEP RDCSCC. JMZ recommended that to eliminate the primary exposure route (inhalation) that the *Property* should be capped with a minimum of 1-foot of virgin material and either seeded or paved. No evidence of capping was noticed during the site inspections conducted in May and June 2006.

3.4 Valuation Reduction for Environmental Issues

Based on information provided by the User, there has not been a known valuation reduction of the *Property* for environmental issues.

3.5 Owner, Property Manager and Occupant Information

Ms. Leah Yasenchak, Principal, BRS Inc., on behalf of the City of Trenton Department of Housing and Economic Development, provided Ransom with the following information regarding the owner, property manager and occupants of the *Property*.

Property Owner: Federated Metals, Inc.

A subsidiary of ASARCO Master, Inc. 1150 State Street, Perth Amboy, New Jersey

Property Manager: Bridgeview Management Company, Inc., Contact: Vincent L. Wildman

Property Occupants: Currently Vacant

3.6 Reason for Performing Phase I ESA

The purpose of this Phase I ESA is to support the purchase of the *Property* by the City of Trenton, Department of Housing and Economic Development.

3.7 Other

No other information was provided to Ransom by the City of Trenton Department of Housing and Economic Development, i.e. the User.

4.0 RECORDS REVIEW

An environmental database search of the *Property* and the surrounding area was performed by Environmental Data Resources, Inc., (EDR) of Milford Connecticut. EDR conducted a search using ASTM-specified distances of federal and state databases, which included records of hazardous waste permits and activities, compliance histories and reported on-site and area contamination. The EDR report includes federal and state database listings of known or potentially hazardous waste sites or landfills, and sites currently under investigation for environmental violations. In addition to the database information, Ransom also performed a review of available County and City records. Information presented in this section has been evaluated based on an understanding of the site geology and hydrogeology as discussed in Section 2.6 of this report. The information obtained during the records review is presented in the following sections.

4.1 Federal and State Database Records Review

Ransom obtained the most recent information from federal, state and local agencies concerning potentially contaminated properties within the "approximate minimum search distance" specified in ASTM E 1527-05. The minimum search distance is different for each environmental record source specified by the ASTM. The actual search distance required for each database is listed in the EDR report. Ransom reviewed the database report prepared by EDR (included as Appendix E) to determine whether off-site sources of environmental contamination may be impacting the *Property*. The EDR report contains information from the following databases:

Federal ASTM Database Records:

- National Priorities List (NPL)
- Proposed NPL Sites (Proposed NPL)
- Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS)
- CERCLIS Non Further Remedial Action Planned (CERCLIS-NFRAP)
- Corrective Action Report (CORRACTS)
- The Resource Conservation and Recovery Act Information (RCRA)
- Emergency Response Notification System (ERNS)

Non-ASTM Federal Database Records:

- Biennial Reporting System (BRS)
- Superfund (CERCLA) Consent Decrees (CONSENT)
- Records of Decision (ROD)
- National Priority List Deletions (DELISTED NPL)
- Facility Index System/Facility Identification Initiative Program Summary Report (FINDS)

- Hazardous Materials Incident Report System (HMIRS)
- Material Licensing Tracking System (MLTS)
- Mines Master Index File (MINES)
- Federal Superfund Liens (NPL LIENS)
- PCB Activity Database (PADS)
- Department of Defense Sites (DOD)
- Uranium Mill Tailings Site (UMTRA)
- Open Dump Inventory (ODI)
- Formerly Used Defense Sites (FUDS)
- Indian Reservations (INDIAN RESERV)
- Engineering Controls Sites List (US ENG CONTROLS)
- RCRA Administration Tracking System (RAATS)
- Toxic Substances Release Inventory System (TRIS)
- Toxic Substances Control Act (TSCA)
- FIFRA/TSCA Tracking System FIFRA (Federal Insecticide, Fungicide & Rodenticide Act/TSCA (Toxic Substance Control Act) (FTTS)
- FIFRA/TSCA Tracking System (FTTS INSP)
- Section 7 Tracking Systems (SSTS)

State of New Jersey ASTM Database Records:

- The New Jersey State Hazardous Waste Sites (SHWS)
- The New Jersey Solid Waste Facilities/Landfill Sites (SWF/LS)
- The New Jersey Leaking Underground Storage Tank Report (LUST)
- The New Jersey Underground Storage Tank Report (UST)
- Approved Class B Recycling Facilities (SWRCY)
- Voluntary Cleanup Program Sites (VCP)

State of New Jersey Non-ASTM Database Records:

- List of Major Facilities (NJ MAJOR FACILITIES)
- Spills (NJ Spills)
- Hazardous Materials Incident Database (NJ Release)
- Publicly Funded Cleanups Site Status Report (PF)
- Chromate Chemical Production Waste Sites (CHROME)
- New Jersey Pollutant Discharge Elimination System Dischargers (NJPDES)
- Solid Waste Facility Directory (HIST LF)
- Drycleaner List (NJ DRYCLEANERS)
- Declaration Environmental Restriction/Deed Notice Sites (ENG CONTROLS)

State of New Jersey Brownfields Database Records:

- NJDEP Brownfields Database (BROWNFIELDS)
- Voluntary Cleanup Program Sites (VCP)
- Classification Exception Area Sites (INST CONTROL)
- USEPA Listing of Brownfields Sites (US BROWNFIELDS)
- Sites with Institutional Controls (US INST CONTROLS)

Other Databases:

- Oil/Gas Pipelines
- Electrical Power Transmission Line Data
- Sensitive Receptors
 - AHA Hospitals
 - Medical Centers
 - Nursing Homes
 - Public Schools
 - Private Schools
 - Daycare Centers
- Flood Zone Data
- National Wetlands Inventory (NWI)
- New Jersey State Wetlands

The properties identified in the database search are presented in the EDR report in outward order from the *Property* (i.e. closest to farthest). EDR's "upgradient/downgradient" determinations are based on topographical elevations using the USGS Digital Elevation Model and should be regarded on a relative (not an absolute) basis. EDR reported the general topographic gradient as south-southeast. Actual groundwater flow direction at the *Property* can only be determined by conducting a hydrogeologic investigation (i.e., installation of monitoring wells) which was not performed as part of this Phase I ESA.

The EDR report identified the following nine (9) sites within the target property search results:

- 1. TIMCO Transport at 301 Enterprise Avenue (FINDS database): no such listing was identified within the city directory. This company is associated with Trenton Iron and Metals.
- 2. Trenton Iron & Scrap Metals at 301 Enterprise Avenue: NJ Release Database documented a report by the Lawrence Township Police Department on November 17, 2004 of an explosion at this facility. This site is the neighboring Trenton Iron and Metal facility and is reported within the EDR report as being the target property (Federated Metals) in error. This reporting error is a result of Trenton Iron and Scrap Metal also being described as occupying 301 Enterprise Avenue. Trenton Iron and Scrap Metal has the address designation of "301 Enterprise Avenue" clearly noted on the building's

Property; c) there is no documentation that any discharge has occurred; or d) any indicated spill case has been closed by the appropriate regulatory agency.

Three (3) of the sites, although presented within the EDR report as being topographically lower in elevation than the *Property*, are being discussed below due to their close proximity to the site.

- 1. Carter Wallace, Inc., located at 310 Enterprise Avenue, approximately 194 feet to the northeast and is presumably sidegradient and downgradient of the *Property*: (NJ Spills Database, Case # 87-02-15-1743) documented a 5 gallon release of No. 6 fuel oil on February 15, 1987 due to equipment failure. The release was reported contained; (NJ Release Database, Case # 95-6-1-1429-21) documented an unknown amount of gasoline was released to a storm drain and the Assunpink Creek on June 1, 1995 due to a tow truck puncturing a gasoline tank; (NJ Spills Database, Case # 93-2-10-1555-24) documented a 200-500 gallon release of non hazardous waste water from a cleanout on February 10, 1993 due to sewage backup from the city sewer and that the responsible party performed a cleanup; (UST Database) reported four (4) USTs were removed from the site on January 1, 1959.
- 2. Youngs Rubber Corp Liquid Trust located at 310 Enterprise Avenue, approximately 194 feet to the northeast and is presumably sidegradient and downgradient of the *Property*: (RCRA Database) reported site is a small quantity generator; (SHWS Database) reported site was active with on-site source of contamination; (ISRA Database) reported that the site triggered ISRA and was assigned to the database on December 11, 1984 and the site had an historic no further (NFA) status; (NJ Release Database, Case # 95-5-31-1000-48) documented a 1 gallon release of gasoline on May 31, 1995 due to illegal dumping. The release occurred when someone punctured his gas tank on a vehicle before bringing it to the junkyard across the street; (NY Manifest Database) documented the manifesting of 3,200 lbs of D008- lead waste and 61,540 lbs of B007-Other Miscellaneous PCB waste through New York State.
- 3. Wenczel Tile Co. Inc., located at 200 Enterprise Avenue, approximately 557 feet to the southwest and is presumably sidegradient of the *Property*: (RCRA Database) reported that the site is a small quantity generator; (NJPDES Database) reported the site as having a discharge permit (No. NJ0033278) for storm water discharge to the Assunpink Creek; (NJ Spill Database, Case # 88-10-05-1346) documented the release of an known quantity of kerosene on October 5, 1988; (UST Database) documented one (1) heating oil UST being removed and one (1) heating oil UST being abandoned in place at the site on July 1, 1990.

According to the attached EDR report, thirty nine (39) "orphan" sites are located within the searched radii. These sites have a federal or state database classification, but due to an address or zip code deficiency, they were not able to be plotted on the EDR maps. One site, Pure Tech Plastics, located approximately 700 feet southwest of the *Property* at 40 Enterprise Avenue, appeared on the NY Manifest database, which documented the manifesting and removal of 8.3 pounds of D001-non-listed ignitable waste on June 23, 1998. Based on Ransom's review of the

orphan listings, it does not appear that any of the other thirty-eight (38) orphan sites are located adjacent to the *Property*. Please refer to the EDR Report (Appendix E) for a listing of orphan sites.

4.2 USEPA Research

On June 21, 2006, Ransom submitted on-line FOIA requests to the USEPA for files relating to the *Property*. The USEPA submitted an email response to Ransom on June 22, 2006 assigning Request No. 02-RIN-01559-06 to the inquiry and stating that the FOIA request had been received and the USEPA would respond to the request within twenty (20) business days. No further response was received from other USEPA departments as of the submission of this report. Any pertinent information provided by the USEPA will be forwarded under separate cover. Documentation pertaining to this public records search request is included as **Appendix F**.

4.3 NJDEP Research

On May 10, 2006, Ransom submitted an on-line OPRA request (No. 40481) to the NJDEP for files relating to the *Property*. Ms. Ann Hartnagel of the NJDEP Office of Records Custodian responded to Ransom's online information request via telephone on May 19, 2006 indicating that files had been located for the *Property*.

On May 25, 2006, Ransom conducted a file review at the NJDEP offices in Trenton, New Jersey. Files within the Bureau of Site Remediation Program (SRP) documented the following:

- February 1981 through July 1985 fourteen (14) correspondence between Federated Metals, their corporate counsel and the NJDEP pertaining the Federated facility being listing as a treatment, storage an disposal (TSD) facility. Following cessation of operations at the *Property* on August 29, 1980, Federated Metals erroneously filed EPA forms 3510-1 and 3510-3, which constituted Part A of the EPA's application for a Hazardous Waste Permit. Subsequent attempts by Federated Metals' corporate counsel (Pitney, Hardin, Kipp & Szuch) were made to have the facility delisted as a hazardous waste TSD facility, which resulted from the improper filing of the RCRA Part A application. The NJDEP eventually granted the delisting of the facility as a TSD facility within a letter dated July 25, 1985.
- June 10, 1985, NJDEP memorandum documenting a site visit by Jeffery Colish of the NJDEP regarding the closure of the hazardous waste facility (i.e. Federated Metals). Following the inspection, the NJDEP recommended that a landfill "located in the back along side Plant No. 2", which is currently identified as Block 23201, Lot 4 and occupied by the Recycle America Company with a street address of 391 Enterprise Avenue, "be sampled for soil contamination and if appropriate, properly closed." In addition, Mr. Colish recommend that the Bureau of Industrial Site Evaluation be contacted to inquire if the facility has any cleanup responsibilities. The site referred to in this memo is not the subject *Property*.

- April 14, 1981 RCRA generator inspection form documenting the existence of an uncovered pile of material in an open area on Parcel A that, during rainfall, is carried to the Assunpink Creek by way of the site's storm water drains.
- July 24, 1985 NJDEP RCRA Evaluation Form Summary Sheet which documents a D80 (4.0 acre) landfill located in the back of Plant II (currently identified as Block 23201, Lot 4 which is adjacent to US Route 1 and is not the subject *Property*) which received approximately 315 tons of lead and zinc skimmings from plant operations annually. NJPDES Permit No. 20664 and EPA ID No. NJD099097594 are noted on the form. In addition, the evaluation form also documented an inspection of Plant I (Parcel A) that identified uncovered dumped ceramic molds, brick and wood debris in the rear of the facility and what appeared to be an "old landfilled area" with similar material as the landfill at Plant II.

On May 25, 2006, Ransom also conducted a file search with the NJDEP Bureau of Community Right-to-Know Survey and Non-point Source Pollution; files within these Bureau's documented the following:

- 2004 Community Right-to-Know Survey, which documented the existence of hazardous material at the Trenton Iron and Metals facility which, as reported previously in Section 4.1, is also identified as having an address at 301 Enterprise Avenue.
- May 4, 2001 email from the NJDEP Bureau of Non Point Source Pollution documenting a statement from a scrap metal delivery driver that the "Trenton Iron and Metal facility was literally awash in hydraulic fluids."

It is believed that the above-referenced documents do not pertain to the *Property*. Documentation pertaining to this public records search request is included as **Appendix F**.

4.4 County Research

Ransom submitted a Request for Public Records for environmental information related to the *Property* to the County of Mercer Office of County Clerk on May 19, 2006. In correspondence dated May 22, 2006, Ms. Paula Sollami-Covello, Esq., of the Office of County Clerk responded that "this Office does not possess environmental information on County properties." In addition, in a correspondence dated May 31, 2006, Mr. Arthur R. Sypek, Jr., (Mercer County Counsel) of the County of Mercer Office of County Counsel responded that "Mercer County has no information regarding the above property." Documentation pertaining to this public records search request is included as **Appendix F**.

4.5 Municipal Research

Ransom submitted a Request for Access to Government Records for environmental information related to the Property to Anthony Conti of the City Clerk's Office of Trenton on May 19, 2006. Mr. J.R. Capasso of the City of Trenton Department of Housing and Economic Development responded to the OPRA request via telephone on June 16, 2006. Mr. Capasso stated that the City

of Trenton Department of Housing and Economic Development did possess files pertaining to the *Property* but that they were the same files previously provided to Ransom by Ms. Leah Yasenchak, Brownsfield Coordinator, BRS Inc., for the City of Trenton Department of Housing and Economic Development.

Responses to the records request were received from the City of Trenton Department of Inspections and the Bureau of Environmental Health. Information provided by these agencies is discussed in the following sections. Ms. Joanne Cipriano, Trenton Fire Department Clerk was contacted directly via telephone on June 26, 2006; Ms Cipriano stated that the information request was still being processed and Ransom would be receiving a correspondence shortly that specifies the results of the file search. No correspondence from the Trenton Fire Department has been received to date. Should pertinent information be received from the Trenton Fire Department following the finalization of this report, the information will be forwarded to the Trenton Department of Housing and Economic Development.

Ransom also visited the City of Trenton Tax Assessor's office to obtain property ownership information and a copy of the current tax maps depicting the *Property* (included as Figure 3). Documentation pertaining to these public records search requests is included as Appendix F.

4.5.1 City of Trenton Department of Inspections

Mr. J.R. Capasso escorted Ransom personnel during a review of available files within the City of Trenton Department of Inspections on June 20, 2006; the following seven (7) documents pertaining to the *Property* were obtained:

- 1. February 10, 1977 Trenton Fire Department Inspection Complaint the inspection report documents a fire and roof collapse at the *Property* that occurred on February 9, 1977.
- 2. February 23, 1977 Trenton Fire Department Follow-up Report and Inspection Complaint; the inspection report documents the reinspection of the *Property* revealing that a fire had not occurred in the site building as was previously reported. Specifically, that the "zinc smelting unit roof structure had caved in" and that the "smelting unit had been closed down and in the process of being dismantled and a new unit set in place."
- 3. August 10, 1994 Bridgeview Management Company, Inc., letter to the City of Trenton Department of Inspections documenting the specifics regarding the asbestos abatement in the following areas of the *Property*:
 - Insulation from the exterior of two boilers;
 - Insulation from 50-feet of piping;
 - Approximately 1200 square feet of floor tile; and,
 - Approximately 360 square feet of transite siding.

A permit was issued for the removal of the asbestos on August 12, 1994 and was attached to the letter in addition to the Asbestos License of Assured Asbestos Abatement, Inc., of Lakewood, New Jersey.

- 4. November 21, 1994 permit from the City of Trenton for the "removal of the furnaces (non-structural) in preparation of building demo."
- 5. February 27, 1995 Bridgeview Management Company, Inc. letter to the City of Trenton Department of Inspections informing the city that following the condemnation of the *Property's* structures on June 24, 1994, Bridgeview removed the asbestos and furnaces from the buildings and that they wished to move forward with their demolition.
- 6. March 8, 1995 permit from the City of Trenton for the "demolition of the buildings."
- 7. April 6, 1995 follow up inspection report documenting the cessation of demo work at the *Property* until dust suppression is in place. The document also includes an interview with Mr. Jack Latician (note: it is assumed that this interview was conducted with Mr. Jack Lestician of the nearby Lestician Trucking Company located to the southeast of the former Wenzcel Tile facility), who stated that "he called the Mayor of the City of Trenton, Mr. Bo Robbins of the NJDEP, and Mr. Len Traciatte of the City of Trenton Department of Inspections in regards to lead contamination at the site."

Documentation pertaining to the public records listed above is included as Appendix F.

4.5.2 Health Department

On June 26, 2006, Ms. Joanne Malloy of the City of Trenton Bureau of Environmental Health Department informed Ransom via telephone that files had been located for the subject *Property*. Ms. Malloy stated that following an internal review, the files would be sent to Ransom via facsimile. On June 24, 2006, Ransom received the following four (4) reports from the City of Trenton Bureau of Environmental Health Department:

- 1. May 16, 2002 NJDEP Suspected Hazardous Substance Discharge Notification Report (NJDEP Case No. 02-05-15-1118-34) documenting a complaint by that William Juraniec that "dirt with oil comes out on street with trucks coming and going from junk yard".
- 2. June 6, 2002 City of Trenton Inspection Report documenting an inspection of above discussed complaint. The investigator could not verify that oil was on the streets and recommended "no further action is required."
- 3. March 7, 2006 NJDEP Suspected Hazardous Substance Discharge Notification Report (NJDEP Case No. 06-03-07-0746-00) documenting a report by Larry Lather of Trenton Iron and Metal that a load of material which left the facility set off a radioactivity detector at the destination facility; specifically, that "Lower level reading for radioactive material in transport went to Henderson Kt and back. Shredded nonferrous. Material will be isolated. Believed to be radium 226."

4. April 6, 2006 – NJDEP Suspected Hazardous Substance Discharge Notification Report (NJDEP Case No. 06-04-04-1442-44) documenting a report by Larry Lather of Trenton Iron and Metal that a load of material which left the facility set off a radioactivity detector at the destination facility; specifically, that a "Load of metal set off a detector in Kentucky and load is now back in Trenton. Reading is a low reading, amount not available, 2 small pieces of metal are in storage locker at facility. Non emergency."

It is believed that the above-referenced documents do not pertain to the *Property*. Documentation pertaining to the public records listed above is included as **Appendix F**.

4.6 Historical Property Use Information

Ransom documented past uses of the *Property* through inquiries with knowledgeable parties, a review of local records at the City of Trenton Municipal and Health Department offices, the City of Trenton Department of Inspections, the Mercer County Clerk's office, the NJDEP and a review of historic aerial photographs, topographic maps, and Sanborn Fire Insurance Maps.

Based on the review of the historic aerial photographs and Sanborn maps, the Parcel A portion of the *Property* appears to have been utilized for industrial purposes since before 1927. Parcel A was first purchased by a corporate entity (Federated Metals) in February 1925 and was presumably developed soon thereafter. Based on a review of land title records, the *Property* was owned by individuals or families (non-industrial entities) between 1871 and 1925. A list of the former and current commercial owners / tenants of the *Property* is provided below:

Parcel A					
Tenant	Years	Lot	Operation	NAICS	
Federated Metals Corp	1925-1936	Tracts 1&2	Zinc Smelting	331419 331492	
American Smelting & Refining Co. (ASARCO)	1936-1975	Tracts 1&2	Zinc Smelting	331419 331492	
Federated Metals Corp	1975 – Present	Tracts 1&2	Zinc Smelting	331419 331492	
Federated Metals Corp	1935-1936	Tract 3	Zinc Smelting	331419 331492	
American Smelting & Refining Co. (ASARCO)	1936-1975	Tract 3	Zinc Smelting	331419 331492	
Federated Metals Corp	1975 – Present	Tract 3	Zinc Smelting	331419 331492	

Parcel B				
Tenant	Years	Lot	Operation	NAICS
Enterprise Land Co.	1873-1906	Tract 4	Unknown	331419 331492
United Jersey Railroad	1906-1954	Tract 4	Railroad Operations	331419 331492
American Smelting & Refining Co. (ASARCO)	1954-1975	Tract 4	Zinc Smelting	331419 331492
Federated Metals Corp	1975-Present	Tract 4	Zinc Smelting	331419 331492

4.6.1 Historic Aerial Photograph Review

Aerial photographs for the years 1953, 1963, 1978, 1989 and 1995 showing the *Property* were obtained from EDR (Inquiry 1672609.4). Ransom also reviewed an aerial photograph dated 2002 showing the *Property* on the NJDEP's iMapNJ website. The following narratives describe the features of each photograph. Due to the scale and relative clarity of some of the photographs, site details were not readily discernible. Copies of the aerial photographs are included as **Appendix G**.

1953 • Parcel A of the *Property* and the adjacent land are developed industrial properties. One (1) centrally-positioned large structure and two (2) smaller buildings, along the northwest border, are located on the triangular lot which is reportedly owned by the American Smelting & Refining Company; to the northeast and southeast of Parcel A are industrial structures reportedly owned by the former Cordey China Company (1945-1982), three of the structures are circular in shape and may be firing kilns associated with the former facility, beyond which is the Assunpink Creek; to the south is the Millham Branch Railroad Spur, beyond which are commercial structures.

Parcel B of the *Property* is wooded on the southern side and partially cleared of overgrowth on the northern side. To the northwest and north of Parcel B is a wooded area, beyond which is the US Route 1 bypass which appears to be under construction; to the northeast, the staging of materials associated with the scrap yard are visible; to the south, rail cars are staged along the Millham Railroad spur, beyond which is an open, undeveloped field.

- 1963 Parcels A and B and the adjacent land are relatively unchanged from the 1953 aerial photo except for the apparent revegetation of the northern portion of Parcel B and the completion of the US Route 1 bypass.
- 1978 Parcel A of the *Property* and the adjacent land are relatively unchanged from the 1963 aerial photo. Parcel B appears to have become completely vegetated.

- 1989 Parcels A and B of the *Property* are relatively unchanged from the 1978 aerial photo. To the northeast and southeast of Parcel A, the commercial structures reportedly owned by the former Cordey China Company have been removed (reportedly in 1984). To the north of Parcel A, the scrap metal yard appears to have more materials stockpiled onsite.
- 1995 Parcels A and B and the surrounding areas are relatively unchanged from the 1989 aerial photo.
- 2002 The structures on Parcel A have been removed and the *Property* appears to be utilized for the staging of overland trucking containers. The property to the northeast is partially wooded, beyond which is a paved parking lot. Parcel B appears completely wooded with an access road along the north-northwest boundary assumed to be utilized by the adjacent scrap metal yard for access to the narrow lot located between Parcel B and the Route 1 bypass.

4.6.2 Historic Sanborn Fire Insurance Map Review

Ransom requested Sanborn Fire Insurance Maps from EDR for the *Property* (Inquiry No. 1672609.3S). Sanborn Maps contain areas of interest for the purpose of evaluating insurable risk of buildings. A search of EDR's Sanborn collection revealed that maps depicting the *Property* for the years 1890, 1905, 1927, 1949, 1955, 1965, 1968, 1977, 1982, and 1991 were available. Due to the scale and relative clarity of the maps, site details were not readily discernible on all maps. The following narrative describes the features of each map. Copies of the Sanborn Maps are included as **Appendix** H.

- 1890 Parcel A is depicted on this map as undeveloped; Parcel B is not depicted. Blocks 23002 and 23003 to the south southwest of the *Property* are depicted as being occupied by the Providential Tile Company (currently Andrea Aromatics) and the Trenton Tile Company (later operated by the Wenczel Tile Company), respectively. Enterprise Avenue and the Pennsylvania Railroad spur (currently the Conrail Willham railroad spur) are visible with no discernable subsurface utilities. The land to the south southwest of *Property* is depicted as a mixture of commercial and residential properties.
- 1905 Parcel A is depicted on this map as undeveloped; Parcel B is not depicted. Block 23003 to the southwest and Block 23102 to the northeast of Parcel A are depicted as being occupied by the Trenton Tile Company (later owned by the Wenczel Tile Company) and the Elite Pottery Company (currently vacant land owned by the City of Trenton), respectively. Enterprise Avenue and the Pennsylvania Railroad spur (currently the Conrail Willham spur) are visible. A subsurface water pipe is shown on the northwest side Enterprise Avenue. The land to the south southwest of the *Property* is depicted as a mixture of commercial and residential properties.
- 1927 Parcel A is depicted on this map as being occupied by an "L" shaped building owned by the Federated Metals Corporation with rail lines entering the site from the southwest side. The facility is classified as operating day and night with lights, power and electric from fuel, coal and oil. Depicted on the 1927 map is a 20,000 gallon fuel oil UST in the center of the structure with a bank of furnaces identified towards the northeast. In the western corner of the structure is a

skim house with one (1) large cylindrical furnace and to the southwest the map identifies an iron chimney and an ash house.

Parcel B is depicted on this map as undeveloped with a rail line to the northwest. Block 23003 to the southwest and Block 23102 to the northeast of Parcel A are depicted as being occupied by a manufacturing facility (currently owned by the Wenczel Tile Company) and a commercial building (currently vacant land owned by the City of Trenton), respectively. Enterprise Avenue and the Pennsylvania Railroad spur (currently the Conrail Willham spur) are visible. A fire hydrant is depicted on the northwest side of Enterprise Avenue. The land to the south southwest of *Property* is depicted as a mixture of commercial and residential properties.

1949 ● Parcel A is depicted on this map as being occupied by the Federated Metals Corporation, a division of the American Smelting and Refining Company (ASARCO), with rail lines entering the site from the southwest side. The 20,000 gallon fuel oil UST discussed above and the large cylindrical furnace are no longer identified; the cylindrical furnace is now identified as "row of furnaces." A brick burner is depicted in the eastern corner of Parcel A and a laboratory and a staging area are shown to the northwest. Parcel B is depicted on this map as undeveloped with a rail line to the northwest. The Trenton Iron and Metal Company is depicted to the northwest and northeast of Parcels A and B, respectively, and has the address number of 301 depicted near the southern corner of the property along Enterprise Avenue.

Block 23003 to the southwest and Block 23102 to the northeast of Parcel A are depicted as being occupied by the Wenczel Tile Company and a commercial building (currently vacant land owned by the City of Trenton), respectively. Enterprise Avenue and the Pennsylvania Railroad spur (currently the Conrail Willham spur) are visible. 6-inch and 10-inch water lines and a fire hydrant are depicted on the northwest side of Enterprise Avenue. The land to the south southwest of *Property* is depicted as a mixture of commercial and residential properties. The Assunpink Creek is identified to the southeast.

1955 ● Information depicted on this map is generally similar to the 1949 map.

1965 ● Parcel A is depicted on this map as being occupied by the Federated Metals Corporation, a division of the American Smelting and Refining Company (ASARCO), with no discernable difference from the 1949 and 1955 maps. Parcel B is depicted on this map as undeveloped with a rail line to the northwest. The Trenton Iron and Metal Company is depicted to the northwest of Parcel A and northeast of Parcel B with commercial structures positioned along the northwest side of Enterprise Avenue.

Block 23003 to the southwest and Block 23102 to the northeast of Parcel A are depicted as being occupied by the Wenczel Tile Company and a commercial building (currently vacant land owned by the City of Trenton), respectively. Four (4) clay hoppers are identified on the east corner of the Wenczel Tile facility. Enterprise Avenue and the Pennsylvania Railroad spur (currently the Conrail Willham spur) are visible. 6-inch and 10-inch water lines and a fire hydrant are depicted on the northwest side of Enterprise Avenue. The land to the south southwest of the *Property* is depicted as a mixture of commercial and residential properties. The Assunpink Creek is identified to the southeast.

- 1968 Information depicted on this map is generally similar to the 1965 map.
- 1977 Information depicted on this map is generally similar to the 1968 map.
- 1982 Information depicted on this map is generally similar to the 1977 map.
- 1991 Information depicted on this map is generally similar to the 1965 and 1982 maps with no discernable difference except for the removal of the commercial structures on the neighboring lot to the northeast of Parcel A.

4.6.3 Recorded Land Title Records

On June 21, 2006, Ransom visited the Mercer County Clerk's office located in Trenton, New Jersey to conduct a limited deed search for the purpose of determining historic ownership of the *Property*. Results of the limited deed search are presented below.

Parcel A					
Owner	Lot	From	То		
Joseph W. Elberson & Williams A. Prickitt	Tracts 1&2	Prior	August 1, 1871		
Henry G. Cook & Charles H. Skirms	Tracts 1&2	August 1, 1871	November 1, 1871		
Edward Camfshell	Tracts 1&2	November 1, 1871	July 13, 1880		
Isaac Davis	Tracts 1&2	July 13, 1880	March 29, 1886		
John Moses	Tracts 1&2	March 29, 1886	(Illegible)		
Hugh H. Hamill, Trustee	Tracts 1&2	(Illegible)	September 1, 1910		
Edmund C. Hill	Tracts 1&2	September 1, 1910	September 18, 1918		
Willet H. Cooper	Tracts 1&2	September 18, 1918	January 12, 1918		
John J. McCue	Tracts 1&2	January 12, 1918	March 10, 1922		
John H. Kafes	Tracts 1&2	March 10, 1922	February 26, 1925		
Federated Metals Corp	Tracts 1&2	February 26, 1925	November 13,1932		
Federated Metals Corp 1	Tracts 1&2	November 13,1932	December 7, 1936		
American Smelting & Refining	Tracts 1&2	December 7, 1936	December 29, 1975		
Federated Metals Corp	Tracts 1&2	December 29, 1975	Present		
City of Trenton ²	Tract 3	Prior	May 10, 1935		
Federated Metals	Tract 3	May 10, 1935	December 7, 1936		

American Smelting & Refining	Tract 3	December 7, 1936	December 29, 1975
Federated Metals	Tract 3	December 29, 1975	Present

Parcel B					
Owner	Lot	From	То		
August G Richy & Wife Hulah Moor & Wife Lydia A. Moor, widow Erkford Moor & Wife Charlies Moor	Tract 4	Prior	August 16, 1873		
Enterprise Land Company	Tract 4	August 16, 1873	November 19, 1906		
United Jersey Railroad	Tract 4	November 19, 1906	March 18, 1954		
American Smelting & Refining	Tract 4	March 18, 1954	December 29, 1975		
Federated Metals Corp	Tract 4	December 29, 1975	Present		

Notes:

4.6.4 Historic Topographic Map Review

Historical Topographic Maps depicting the *Property* were obtained from EDR (Inquiry 1672609.2). The maps provided by EDR were as follows:

- Trenton East, New Jersey Quadrangle dated 1957-1970 (photo revised), 1957-1981 (photo revised), 1957, and 1995;
- Trenton West, New Jersey Quadrangle dated 1955, 1955-1970 (photo revised), 1955-1981 (photo revised), and 1995;
- Bordentown, New Jersey Quadrangle dated 1906 and 1948;
- Lambertville, New Jersey Quadrangle dated 1916;
- Princeton, New Jersey Quadrangle dated 1906, 1942, 1954, 1954-1970 (photo revised), 1954-1981 (photo revised), and 1995;

¹ Federated Metals changed its corporate name to F.E.D. Corporation on November 13, 1932 and sold the *Property* back to Federated Metals.

² Tract 3 was abandoned by the City of Trenton on May 10, 1935 and assumed to be deeded to Federated Metals.

- Pennington, New Jersey Quadrangle dated 1942, 1954, 1954-1970 (photo revised), 1954-1981 (photo revised), and 1995;
- Camp Dix, New Jersey Quadrangle dated 1918, and;
- Bristol, Pennsylvania Quadrangle dated 1906.

The following narrative describes the features of each topographic map. Due to the scale of the maps, site details were not readily discernible on all maps. Copies of the topographic maps are included as **Appendix I**.

Trenton East Quadrangle

1957 (1:24,000) ● The 1957 topographic map depicts the *Property's* buildings on Parcel A and the neighboring structures on the adjacent lot to the northeast. The topography of the surrounding area appears to be commercial land existing at an elevation of approximately 54 feet above mean sea level (msl). Residential communities exist to the south southwest; the Assunpink Creek is visible to the southeast of the *Property*; Enterprise Avenue and two branches of the Conrail Millham Branch Railroad Spur are both depicted to the northeast and southwest of Parcel A.

1957-photo revised 1970 (1:24,000) ● The 1957-photo revised 1970 topographic map is similar to the 1957 map discussed above.

1957-photo revised 1981 (1:24,000) ● The 1957-photo revised 1981 topographic map is similar to the 1957-photo revised 1970 map discussed above.

1995 (1:24,000) ● The 1995 topographic map is similar to the 1957-photo revised 1981 map discussed above except for the removal of the neighboring structures to the northeast of Parcel A.

Trenton West Ouadrangle

1955 (1:24,000), 1955-photo revised 1970 (1:24,000), 1955-photo revised 1981 (1:24,000), and 1995 (1:24,000) ◆ All of the Trenton West Quadrangle maps depict the general topography approximately 1.25 miles to the west of the target area and does not show the *Property*.

Bordentown Quadrangle

1906 (1:62,500) ● The 1906 topographic map is on a large scale, therefore no site-specific details depicting nearby buildings or other structures are revealed on this map. The topography of the *Property* area appears similar to the present topography. The D&R Canal to the northwest and the Assunpink Creek to the east southeast can be seen.

1948 (1:62,500) ● The 1948 topographic map is on a large scale and similar to the 1906 map discussed above except for an increase in localized development to the south southeast.

Lambertville Quadrangle

1916 (1:62,500) ● The 1916 topographic map, which depicts the general topography to the west northwest of the *Property*, is on a large scale, therefore no site-specific details depicting nearby buildings or other structures are revealed on this map.

Princeton Quadrangle

1906 (1:62,500) • The 1966 topographic map is on a large scale, therefore no site-specific details depicting nearby buildings or other structures are revealed on this map. The D&R Canal to the northwest and the Assunpink Creek to the east southeast can be seen.

1942 (1:25,000) ● The 1942 topographic map depicts the general topography approximately 1.25 miles to the northeast of the target area and does not show the *Property*. The D&R Canal and US Route 1 can be identified.

1954 (1:24,000) ● The 1954 topographic map is similar to the 1942 map discussed above except for an increase in localized development to the northeast.

1954 - photo revised 1970 (1:24,000) ● The 1954-photo revised 1970 topographic map is similar to the 1954 map discussed above.

1954 - photo revised 1981 (1:24,000) • The 1954-photo revised 1981 topographic map is similar to the 1954 - photo revised 1970 map discussed above.

1995 (1:24,000) ● The 1995 topographic map is similar to the 1954 - photo revised 1981 map discussed above except for an increase in localized development to the northeast.

Pennington Quadrangle

1942 (1:25,000) ● The 1942 topographic map depicts the general topography approximately 2.0 miles to the west northwest of the target area and does not show the *Property*.

1954 (1:24,000) ● The 1954 topographic map is similar to the 1942 map discussed above except for an increase in localized development.

1954-photo revised 1970 (1:24,000) ● The 1954-photo revised 1970 map is similar to the 1954 map discussed above.

1954-photo revised 1981 (1:24,000) ● The 1954-photo revised 1981 map is similar to the 1954-photo revised 1970 map discussed above.

1995 (1:24,000) ● The 1995 topographic map is similar to the 1954 - photo revised 1981 map discussed above except for an increase in localized development to the northeast

Camp Dix Quadrangle

1918 (1:62,500) • The 1918 topographic map is on a large scale, therefore no site-specific details depicting nearby buildings or other structures are revealed on this map. The D&R Canal to the northwest and the Assunpink Creek to the east southeast can be seen.

Bristol Quadrangle

1906 (1:62,500) ● The 1906 topographic map is on a large scale and depicts the general topography approximately 2.25 miles to the west of the *Property*. The area is a mixture of commercial and residential development and exists at an elevation of approximately 90 to 100 feet above msl. The Assunpink Creek can be seen converging with the Delaware River.

4.7 Historical Use Information for Adjoining Properties

Based on the review of historic aerial photographs, Sanborn Fire Insurance maps and area topographic maps, the adjacent land appears to have been utilized as a mixture of residential and commercial properties since prior to 1890. The *Property* appears to have been developed sometime prior to 1927. It should be noted that results of the title search (discussed in Section 4.6.3) indicated that portions of the subject *Property* were purchased from private individuals by Federated Metals Corporation in 1925 and it is assumed the site was developed soon thereafter for the primary operation of zinc smelting.

Between 1890 and the present, adjacent lands to the southwest, southeast, northeast and north of the *Property* have been developed primarily as commercial properties. Based on aerial photographs, a scrap metal yard appears to have been in operation northwest and northeast of Parcels A and B, respectively, since prior to 1953.

5.0 SITE RECONNAISSANCE

On May 31, 2006 and June 6, 2006, Mr. Greg Casabona of Ransom conducted a site reconnaissance of the *Property*. The current use of the *Property* and adjoining sites as observed during the site reconnaissance were discussed in **Section 2.3** and **Section 2.5**, respectively. A description of structures, roads, and other improvements at the *Property* was discussed in **Section 2.4**. **Figure 2** depicts the current site features. The following sections detail the findings of the site reconnaissance and the identification of potential RECs observed at the *Property* on May 31, 2006 and June 6, 2006.

5.1 Methodology and Limiting Conditions

The site reconnaissance consisted of the observation and documentation of existing *Property* conditions and adjacent site development. Ransom's site reconnaissance was documented with photographs taken using a digital camera. Please refer to the photographic log included as **Appendix** C for selected photographs documenting the physical conditions observed during the site inspection performed by Ransom. Any limitations pertaining to this Phase I ESA were discussed in **Section 1.4**.

5.2 Bulk Storage Tanks and Appurtenances

As previously discussed in Sections 2.2 through 2.5, Parcel A is a 1.047 acre triangular shaped lot, which is currently a vacant, unvegetated parcel of land with a surface area comprised of crushed concrete and asphalt millings surrounded by a 6 foot high chain link fence. Parcel B is a 3.6 acre rectangular lot, which is comprised of vacant, undeveloped, vegetated land with scattered debris (scrap metal, tires, glass, concrete block, etc.).

Ransom did not observe ASTs, evidence of USTs, silos; storage tank loading or unloading areas, piping, above ground pumping stations, below ground pumping stations, sumps or pits associated with storage tanks at the *Property* during the site reconnaissance. In the front of Parcel A along the UNJRR & C Co. railroad spur, rail cars are staged for the transport of material associated with the Trenton Iron and Metals facility. Refer to Section 4.1, bulleted item No. 5 for more information related to the removal of three (3) heating oil, one (1) unleaded gasoline and one (1) kerosene USTs at the Parcel A portion of the *Property*. Refer to Section 7.0 for recommendations regarding this REC.

5.3 Storage and Staging Areas

Ransom did not observe storage pads associated with drums or waste storage, surface impoundments or lagoons on Parcel A during the site reconnaissance. As previously stated, Parcel B contained waste items such as, but not limited to, scrap metal, tires, glass, concrete block, discarded appliances and domestic garbage and was utilized for the stockpiling of production waste during plant operations prior to August 1980. In addition, due to the Trenton Iron and Metal scrap yard immediately adjacent to the west, north and northeast of Parcel B, it appears that considerable amounts of scrap material have been staged on Parcel B. Items such as

truck bodies, motor vehicle parts, above and below ground storage tanks, tires, rims, appliances, machinery, wire, steel beams, steel piping, drums, containers and assorted scrap metal can be seen encroaching onto the *Property*, most evidently on the northern property boundary. Refer to Section 7.0 for recommendations regarding this REC.

5.4 Drainage Systems and Areas

Ransom did not observe drainage swales or culverts, fire ponds, surface water bodies, seepage pits or drywells at the *Property*.

5.5 Discharge and Disposal Areas

Ransom did not observe areas of discharge, waste piles, seepage pits, dry wells, landfills, landfarms, sprayfields, incinerators, evidence of historic fill, or open pipe discharges at the *Property*.

5.6 Other Areas of Concern

Ransom did not observe discolored or spill areas, areas of stressed vegetation (when vegetation was present), industrial process sewers, non-contact cooling water discharges or evidence of production wells during the site reconnaissance. Although areas of discharge to the Assunpink Creek could not be observed due to thick vegetation, the April 14, 1981 RCRA generator inspection form (discussed in Section 4.3) documented the existence of an uncovered pile of material in an open area that, during rainfall, was carried to the Assunpink Creek by way of the site's storm drains. In addition, a review of NJDEP records revealed a RCRA Evaluation Form, which identified a discharge permit (NJPDES Permit No. NJ0020664); this permit is assumably for the former Plant's storm water discharge into the Assunpink Creek. Refer to Section 4.3 and Appendix F for further information regarding the permit. Refer to Section 7.0 for recommendations regarding this REC.

5.8 Other Site-Specific Areas of Concern

No additional site-specific areas of concern were identified during the May 31, 2006 and June 6, 2006 site reconnaissance.

6.0 INTERVIEWS

Ransom provided the City of Trenton Department of Housing and Economic Development (User) with a Phase I ESA Questionnaire prior to the performance of the site inspection to obtain any information, which may indicate any RECs in connection with the *Property*. The questionnaire was subsequently provided to Vincent Wildman of Bridgeview Management Company, Inc., who ultimately forwarded it to Mr. Jack Gracie, an ASARCO employee responsible for corporate real estate. As stated previously in Section 3.5, ASARCO is the parent company of Federated Metals, which is the current property owner.

Mr. Gracie replied to the questionnaire and provided Ransom with a limited site map from JMZ Geology. The site map, which is not as detailed as the facility map included as **Figure 4**, depicts the site buildings, front offices, the associated furnace baghouses and the railroad tracks. In addition, an electrical transformer was identified in the northern most corner of the *Property*; no other structures or neighboring facilities were noted. Mr. Gracie did not indicate any other potential RECs associated with the *Property*. The completed Questionnaire and site map are included within **Appendix A**.

On May 31, 2006, Ransom Personnel conducted an interview with Joe Longshar, owner of the adjacent Trenton Iron and Metal scarp yard. Mr. Longshar stated that he has owned the scrap yard since 1984 (22 years) and he was not aware of any operational information regarding the Federated plant after it ceased operations in August 1980. He could not recall any environmental issues relating to either parcels of land owned by Federated Metals since purchasing his property in 1984.

7.0 FINDINGS AND RECOMMENDATIONS

The information contained in this Phase I ESA report is based upon investigative activities/inquiries, and upon the available information supplied to Ransom. The contents of this ESA report, as well as the conclusions presented herein, may warrant revision in the event that additional relevant information concerning the *Property* is supplied to Ransom.

Ransom has performed this Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-05 on the *Property*. Any exceptions to, or deletions from, this practice are described in Section 1.3 and Section 8.0 of this report. This assessment has revealed the following RECs in connection with the *Property*:

Parcel A - 300 Enterprise Avenue, Block 23102, Lot 9

REC 1 – Former Underground Storage Tanks (USTs)

The removal of five (5) USTs was conducted on January 1, 1989. Three (3) of the USTs contained heating oil, one (1) contained unleaded gasoline and one (1) contained kerosene. No documentation has been provided to Ransom regarding the soil and groundwater quality within the former UST excavations at the time of removal. In addition, a potential oil tank, oil storage building or surface impoundment is indicated on the far-east corner of the historical facility map, which was obtained by Ransom during the NJDEP file search. A leak from these former USTs or associated piping would have the potential to cause soil and/or groundwater contamination at the *Property*. Since documentation can not be provided that the UST closures were conducted in accordance with applicable NJDEP regulations and that soil sample analytical results did not exceed the applicable NJDEP soil cleanup criteria (SCC) or action levels, Ransom recommends the investigation of the aforementioned USTs in accordance with the NJDEP Technical Requirements for Site Remediation as presented below.

Prior to conducting the UST soil sampling, Ransom proposes to perform a geophysical survey at the site. The survey should be conducted in an attempt to identify subsurface structures, reworked soil, and other features that might be indicative of where the USTs were located and to ascertain whether any of the associated piping is still present at the site. The geophysical survey should consist of an electromagnetic (EM) and ground penetrating radar (GPR) investigation in all accessible former UST areas.

Because the site plan does not show the location of the piping, Ransom is unable at this time to provide a scope of work for assessing the piping formerly associated with the USTs. Upon completion of the geophysical survey and UST sampling, Ransom will formulate a strategy for locating and/or assessing the integrity of the piping, if necessary.

REC 1A - Two (2) Former 20,000-Gallon Heating Oil USTs

Two (2) former 20,000-gallon heating oil USTs were located in the northern corner of Parcel A and were identified as "C1" and "C2" on the facility map a copy of which is included within the

Phase I ESA. Ransom proposes to advance soil borings every 5 linear feet along the center line of both USTs in accordance with the NJDEP Technical Requirements for Site Remediation. Based on standard dimensions of USTs of this capacity, these tanks would have been approximately 10 feet in diameter by 41 feet long. For a UST approximately 41 feet long, nine (9) soils samples should be collected from each UST. The soil borings should be extended approximately twelve (12) feet below the ground surface (bgs), to native soil or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from each soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no evidence of contamination is observed, soil samples should be collected from the 6-inch interval above the groundwater or below the former UST inverts, whichever is encountered first.

Because it is unknown whether the USTs contained No. 2, 4, or 6 heating oil, Ransom proposes to analyze the soil samples in accordance with the NJDEP Technical Requirements for Site Remediation for all three of the aforementioned oils. A total of eighteen (18) soil samples should be submitted for total petroleum hydrocarbon (TPH) analysis. As per the NJDEP Technical Requirements for Site Remediation, twenty five (25) percent of the soil samples from each UST area with TPH concentrations detected in excess of 100 milligrams per kilogram (mg/kg) should be additionally analyzed for polynuclear aromatic hydrocarbons (PAHs), and twenty five (25) percent of the soil samples from each UST area with TPH concentrations detected in excess of 1,000 mg/kg should be additionally analyzed for priority pollutant volatile organic compounds with a forward library search (VO+10). All samples should be reported by the laboratory in a NJDEP reduced deliverable format.

Ransom proposes to also convert two (2) of the eighteen (18) soil borings into temporary well points (one for each UST) and collect one (1) groundwater sample from each temporary well point. A total of two (2) groundwater samples should be submitted for VO+10 and priority pollutant base neutral compounds with a forward library search (BN+15). Based on the findings of these investigations, further soil and/or groundwater investigations and remediation may be warranted.

REC 1B - One (1) Former 1,000-Gallon Gasoline UST

One (1) former 1,000-gallon gasoline UST was located in the front portion of Parcel A along Enterprise Avenue. The UST is identified as "C4" on the facility plan. Based on standard dimensions of USTs of this capacity (approximately 4 feet in diameter by 11 feet long), Ransom proposes to advance four (4) soil borings every 5 linear feet along the center line of both USTs in accordance with the NJDEP Technical Requirements for Site Remediation. The soil borings should be extended approximately eight (8) feet bgs, to native soil or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from each soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no evidence of contamination is observed, soil samples should be collected from the 6-inch interval above the groundwater or below the former UST inverts, whichever is encountered first.

A total of four (4) soil samples should be submitted for VO+10 and lead as per the NJDEP Technical Requirements for Site Remediation. Ransom proposes to convert one (1) of the four (4) soil borings into a temporary well point and collect one (1) groundwater sample for laboratory analysis of VO+10, methyl tertiary butyl ether (MTBE), and tertiary butyl alcohol (TBA). Ransom is not proposing to collect a groundwater sample for lead because temporary well points typically contain suspended fines which tend to cause false positive detections of lead. Based on the findings of the investigation, further soil and/or groundwater investigations and remediation may be warranted.

REC 1C - One (1) Former 500-Gallon Kerosene UST

One (1) former 500-gallon kerosene UST, identified as "C5" on the facility plan, was located in the front portion of Parcel A to the southwest of the above discussed 1,000-gallon gasoline UST. Based on standard dimensions of USTs of this capacity (approximately 4 feet in diameter by 6 feet long), Ransom proposes to advance four (4) soil borings in accordance with the NJDEP Technical Requirements for Site Remediation. The soil borings should be extended approximately eight (8) feet bgs or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from each soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no evidence of contamination is observed, soil samples should be collected from the 6-inch interval above the groundwater or below the former UST inverts, whichever is encountered first.

A total of four (4) soil samples should be submitted for VO+10 and Naphthalenes (naphthalene, methyl naphthalenes and dimethyl naphthalenes. Ransom proposes to convert one (1) of the four (4) soil borings into a temporary well point and collect one (1) groundwater sample for laboratory analysis of VO+10 and BN+15. Based on the findings of the investigation, further soil and/or groundwater investigations and remediation may be warranted.

REC 1D - One (1) Former 15,000-Gallon Heating Oil UST

One (1) former 15,000-gallon heating oil UST, identified as "C3" on the facility plan, was located in the southern portion of Parcel A near the building's condensing units. Based on standard dimensions of USTs of this capacity (approximately 10 feet in diameter by 30 feet long), Ransom proposes to advance seven (7) soil borings in accordance with the NJDEP Technical Requirements for Site Remediation. The soil borings should be extended approximately twelve (12) feet bgs, to native soil or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from each soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no evidence of contamination is observed, soil samples should be collected from the 6-inch interval above the groundwater or below the former UST inverts, whichever is encountered first.

A total of seven (7) soil samples should be submitted for TPH analysis. Because it is unknown whether this UST contained No. 2, 4, or 6 heating oil, Ransom proposes to analyze the soil samples in accordance with the NJDEP Technical Requirements for Site Remediation for all three of the aforementioned oils. Twenty five (25) percent of the soil samples from this REC with TPH concentrations detected in excess of 100 mg/kg should be additionally analyzed for

PAHs and twenty five (25) percent of the soil samples with TPH concentrations detected in excess of 1,000 mg/kg should be additionally analyzed for VO+10.

Ransom proposes to convert one (1) of the seven (7) soil borings into a temporary well point and collect one (1) groundwater sample for laboratory analysis of VO+10 and BN+15. Based on the findings of these investigations, further soil and/or groundwater investigations and remediation may be warranted.

REC 1E - Unknown Oil Storage

One (1) suspected oil tank is depicted on the historic facility map located in the far-east corner of Parcel A. It is unknown what type of oil structure is depicted on the map (above or below ground storage tank or some form of oil storage building, etc.). Ransom proposes to advance two (2) soil borings at this REC. The soil borings should be extended approximately ten (10) feet bgs or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from each soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no contamination is observed or detected, or if no groundwater is encountered, the soil samples should be collected from the 6-inch interval at the top of native soil in the boring.

A total of two (2) soil samples should be submitted for TPH analysis. Because it is unknown what type of oil this structure contained, Ransom proposes to analyze the soil samples in accordance with the NJDEP Technical Requirements for Site Remediation for all three categories of oils. Twenty five (25) percent of the soil samples from this REC with TPH concentrations detected in excess of 100 mg/kg should be additionally analyzed for PAHs and twenty five (25) percent of the soil samples with TPH concentrations detected in excess of 1,000 mg/kg should be additionally analyzed for VO+10.

Ransom proposes to convert one (1) of the soil borings into a temporary well point and collect one (1) groundwater sample for laboratory analysis of VO+10 and BN+15. Based on the findings of these investigations, further soil and/or groundwater investigations and remediation may be warranted.

REC 1F - One (1) No. 6 Oil Pump Stand and Associated Unidentified No 6 Oil Tank

A No. 6 oil pump stand is depicted on the historic facility map in the northern corner of the plant, directly southeast of tank C2. It is unclear what oil tank supplied the pump (above or below ground storage tank) or where the tank may have been located. Ransom proposes to conduct an investigation of this REC through a geophysical survey discussed below in REC 4. Should the geophysical survey indicate the potential existence of an underground storage tank or piping, further investigation such as test pits and/or soil and groundwater investigations and remediation may be warranted.

Ransom proposes to advance two (2) soil borings in this REC to investigate the pump stand. The soil borings should be extended approximately ten (10) feet bgs or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from the soil boring

from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no contamination is indicated, a shallow soil sample should be collected from the 6-inch interval at the likely base of the former concrete pad supporting the pump stand.

A total of two (2) soil samples should be submitted for TPH analysis. Twenty five (25) percent of the soil samples from this REC with TPH concentrations detected in excess of 100 mg/kg should be additionally analyzed for PAHs.

Ransom proposes to convert one (1) of the soil borings into a temporary well point and collect one (1) groundwater sample for laboratory analysis of VO+10 and BN+15. Based on the findings of these investigations, further soil and/or groundwater investigations and remediation may be warranted.

REC 2 - Electrical Transformers

Two (2) electrical transformer staging areas were identified on the historical plant diagram. A leak of dielectric oil from these transformers would have the potential to cause soil and/or groundwater contamination at the *Property*. Ransom proposes to investigate the transformer staging areas in accordance with the NJDEP Technical Requirements for Site Remediation as presented below.

REC 2A - Northern Electrical Transformer

One (1) pad-mounted electrical transformer was located within the far northern corner of Parcel A. As a result of the transformer pad being demolished and the area being regraded in April 1995 along with the facility's structures, adherence to the NJDEP Technical Requirements for Site Remediation for the visual assessment of concrete storage pads cannot be performed. Accordingly, Ransom proposes to advance one (1) soil boring in this REC to investigate the former transformer. The soil boring should be extended approximately six (6) feet bgs or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from the soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no contamination is indicated, a shallow soil sample should be collected from the top 6-inch interval of the native soil horizon, beneath the likely base of the former transformer concrete pad.

A total of one (1) soil sample should be submitted for analysis of TPH and polychlorinated biphenyls (PCBs). Based on the findings of these investigations, further soil and/or groundwater investigations and remediation may be warranted.

<u>REC 2B - Southern Electrical Transformers</u>

Four (4) pad-mounted electrical transformers were located within the southern portion of Parcel A, adjacent to the 15,000-gallon heating oil UST (C3). As a result of the transformer pads being demolished, adherence to the NJDEP Technical Requirements for Site Remediation for the visual assessment of concrete storage pads cannot be performed. Accordingly, Ransom proposes to advance three (3) soil borings in this REC to investigate these former transformers. The soil

borings should be extended approximately six (6) feet bgs or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from the soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no contamination is indicated, a shallow soil sample should be collected from the top 6-inch interval of the native soil horizon, beneath the likely base of the former transformer concrete pads.

A total of three (3) soil samples should be submitted for analysis of TPH and PCBs. Based on the findings of these investigations, further soil and/or groundwater investigations and remediation may be warranted.

REC 3 - Storm Water Outfall, Assunpink Creek

Historical information obtained during the review of NJDEP records indicated that materials, assumably zinc and/or lead slag, may have migrated to the nearby Assunpink Creek to the southwest. Specifically, a Resource Conservation and Recovery Act (RCRA) generator inspection form documented the existence of an "uncovered pile of material in an open area that, during rainfall, is carried to the Assunpink Creek by way of the site's storm drains." In addition, a review of NJDEP records revealed a RCRA Evaluation Form, which identified a discharge permit (NJPDES Permit No. NJ0020664); this permit is assumably for the former Plant's storm water discharge into the Assunpink Creek. The facility map obtained by Ransom during the NJDEP file search shows several drains, inlets and pipes associated with stormwater in the southern portion of the site. The discharge point of the drain pipes are presumed to be to the Assunpink Creek as the pipes appear to lead towards the east in the direction of the Creek.

Ransom proposes to investigate the nearby Assunpink Creek by collecting surface water and sediment samples in accordance with the NJDEP Technical Requirements for Site Remediation. The surface water and sediments samples should be collected in the following three (3) locations: immediately downgradient of the site's former storm water outfall or its assumed location if it cannot be located; approximately 500 feet upstream of the outfall; and approximately 500 feet downstream of the outfall. A total of three (3) surface water and sediment samples should be submitted for laboratory analysis of priority pollutant metals (PP metals).

REC 4 – Site Wide Investigation

Based upon a review of the investigative findings for the 1.047 acre Parcel A portion of the *Property* and the surrounding areas, a site wide investigation should be performed to characterize the subsurface conditions at the site. This investigative recommendation is based upon, but not limited to, the following:

- the site's 55-year history of zinc smelting;
- the subsequent usage of the *Property*, following cessation of plant activities in August 1980, for the collection and storage of demolition / construction debris;
- reports of uncovered, stockpiled materials on the *Property* following plant closure;

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- the existence of a NJDEP RCRA Evaluation Form Summary Sheet documenting an inspection of Parcel A, which identified uncovered dumped ceramic molds, brick and wood debris in the rear of the facility and what appeared to be an "old landfilled area" with similar material as the landfill at Plant II;
- the generation of dust during the site's demolition, which required a temporary shutdown and the use of dust suppression;
- the documented environmental conditions of neighboring properties to the southwest (former Wenczel Tile facility) to the northwest (Trenton Iron and Metals facility) and to the northeast (former Cordey China facility), which included, but was not limited to, zinc impacts to the soils at the former Wenzel Tile and Cordey China facilities; and,
- the environmental conditions on the Parcel A property and the adjacent railroad tracks documented within the July 1994 Shakti Phase I Environmental Site Assessment Report for the adjacent former Wenczel Tile facility.

To further investigate this REC, Ransom proposes to perform a site wide geophysical survey, which should consist of an electromagnetic (EM) and ground penetrating radar (GPR) investigation in all accessible areas. The survey should be conducted in an attempt to identify subsurface structures, reworked soil, and other features that might be representative of USTs, buried materials, or subsurface structures.

In addition, Ransom proposes to advance fifteen (15) soil borings throughout the site. The borings should be advanced within a grid pattern and/or targeted to anomalous areas identified during the above discussed geophysical survey. The soil borings should be extended approximately twelve (12) feet bgs or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from each soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no contamination is evident, the soil sample should be collected from zero (0) to six (6) inches bgs below any surface material (i.e. asphalt millings, crushed stone).

A total of one (1) soil sample should be submitted from each soil boring and analyzed for PP Metals, TPHC, PCBs and BN+15. Ransom proposes to convert approximately five (5) of the soil borings into temporary well points and collect one (1) groundwater sample from each well point for laboratory analysis of PP+40. Ransom estimates approximately fifteen (15) soil borings and five (5) temporary well points should be installed in this REC. Based on the findings of these investigations, further soil and/or groundwater investigations may be warranted.

Parcel B - 301 Enterprise Avenue, Block 23101, Lot 3 and Block 23004, Lot 3

REC 5 – Site Wide Investigation

Based upon a review of the investigative findings for the 3.6 acre Parcel B and the surrounding areas, a site wide investigation should be performed to characterize the subsurface conditions at the site. This investigative recommendation is based upon, but not limited to, the following:

- the July 2000 Soil Investigation Report prepared by JMZ Geology of Flemington, New Jersey that confirmed residual waste material from the 1993 slag removal was still present on the site and that concentrations of antimony, arsenic, lead, thallium, and zinc exceeded the RDCSCC;
- the site's 55-year history of receiving process slag waste from the Federated Metals plant on Parcel A;
- the environmental conditions at the neighboring Trenton Iron and Metals facility to the northeast, which included numerous incident reports documenting fires, explosions and releases; and,
- the illegal dumping of materials on the unsecured site.

To further investigate this REC, Ransom proposes to perform a site wide geophysical survey. The survey should be conducted in an attempt to identify reworked soil, and other features that might be representative of underground structures, USTs or buried materials. Due to the limited access, heavy vegetation and scattered debris on Parcel B, interference with the survey equipment may be experienced; as a result of these limitations, a site wide clearing of the vegetation and debris should be performed prior to conducting the survey. The brush and heavy overgrowth should be cleared using a tracked excavating machine to the extent practicable to allow access for the performance of the geophysical survey. All waste materials generated during the clearing of Parcel B (i.e. brush, wooden logs, and/or uncovered and stockpiled debris) should remain onsite; disposal costs are not included within this cost estimate.

In addition, Ransom proposes to advance twenty (20) soil borings throughout the site. The borings should be advanced at locations within a grid pattern and targeted to areas of previously identified waste material stockpiles and/or anomalous areas identified during the geophysical survey. The soil borings should be extended approximately twelve (12) feet bgs or to the top of groundwater, whichever is encountered first. One (1) soil sample should be collected from the soil boring from the 6-inch interval exhibiting the highest level of contamination based on field observations. If no contamination is evident, the soil sample should be collected from zero (0) to six (6) inches bgs.

A total of one (1) soil sample should be submitted from each soil boring and submitted for PP Metals, BN+15, PCBs and TPH analyses. Locations along the northern property boundary with the Trenton Iron and Metals facility (approximately 5 soil borings) should also be analyzed for the additional compounds within the Priority Pollutant compound list (PP+40). Ransom proposes to convert approximately six (6) of the soil borings into temporary well points and collect one (1) groundwater sample from each well point for laboratory analysis of PP 40. Ransom estimates approximately twenty (20) soil borings and six (6) temporary well points should be advanced and installed on Parcel B. Based on the findings of these investigations, further soil and/or groundwater investigations and remediation may be warranted.

8.0 **DEVIATIONS**

This Phase I ESA is in conformance with the scope and limitations of ASTM E 1527-05 and no deletions or deviations from ASTM E 1527-05 have occurred.

9.0 ADDITIONAL SERVICES

This Phase I ESA is in conformance with the scope and limitations of ASTM E 1527-05 and no additional services were performed.

10.0 REFERENCES

The Bedrock Geologic Map of Central and Southern New Jersey (1998), and the Soil Survey of Mercer County, New Jersey (Jablonski, 1972) prepared by the United States Department of Agriculture (USDA) were utilized to obtain geological information for the area of the *Property*. The remaining reference sources relied upon in preparing this Phase I ESA are included within the Appendices of this report.

11.0 DATA GAPS / DATA FAILURES

Data failures were not encountered during the performance of this Phase I ESA. Recommendations related to identified RECs were discussed in Section 7.0. Based on the title records search conducted at Mercer County Hall of Records, Sanborn Fire Insurance maps and topographic maps, Ransom was able to document the site history prior to the time when it was first commercially developed in 1925.

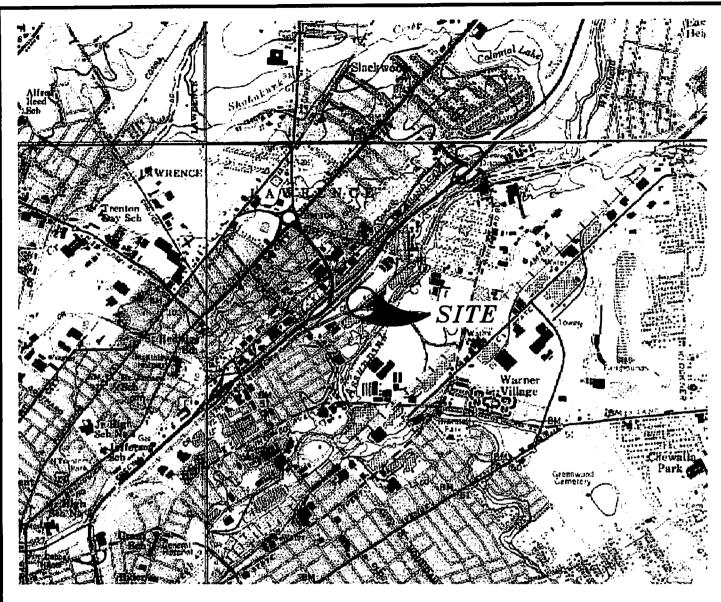
12.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Statements of qualification for the environmental professionals who performed this Phase I ESA are included as **Appendix J**.

13.0 DISCLAIMER

This Environmental Site Assessment was prepared exclusively for the use of the City of Trenton Department of Housing and Economic Development with the care and skill generally exercised by reputable professionals under similar circumstances, in this or similar localities. The report may be disclosed to a rating agency for any public or private offering, or to purchaser of a mortgage loan on the *Property*, and they may rely on the information contained in the report. No warranty expressed or implied is made as to the professional advice presented herein. Other third parties use this report at their own risk.

The findings provided by Ransom in this report were based solely on the information reported in this document; no quantitative chemical laboratory testing or hydrogeological investigation was performed as part of this assessment. Should additional information become available in the future, this information should be reviewed by Ransom and the findings presented herein may be modified. It should be noted that information obtained from state and local agencies is not necessarily all-inclusive and that files may have been reviewed and purged by officials prior to review by the public. Ransom makes no conclusions regarding those areas, which were inaccessible or otherwise not evaluated during the site visit.



TAKEN FROM U.S.G.S. 7.5 MINUTE SERIES TOPOGRAPHIC MAP OF TRENTON EAST, NEW JERSEY-1957, REVISED 1987.

CONTOUR INTERVAL IS 10 FEET

SITE COORDINATES: LATITUDE 40'14'23" LONGITUDE 74'44'15"





QUADRANGLE LOCATION

ọ	1000	2000	3000	4000
	====			
		- · · · - ·		

SCALE in FEET 1: 24,000

RANSOM

Environmental

PREPARED FOR:
CITY OF TRENTON DEPARTMENT OF
HOUSING AND ECONOMIC
DEVELOPMENT
319 EAST STATE STREET
TRENTON, NEW JERSEY

SITE:

FORMER FEDERATED METALS 300-301 ENTERPRISE AVENUE TRENTON, NEW JERSEY SITE LOCATION MAP

PROJECT:

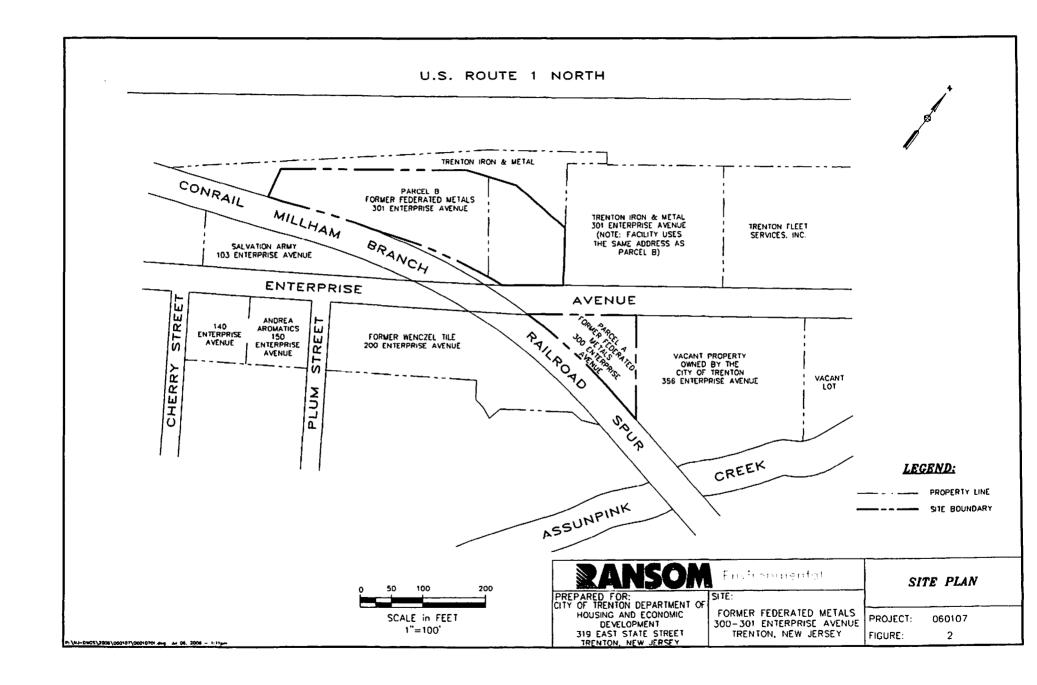
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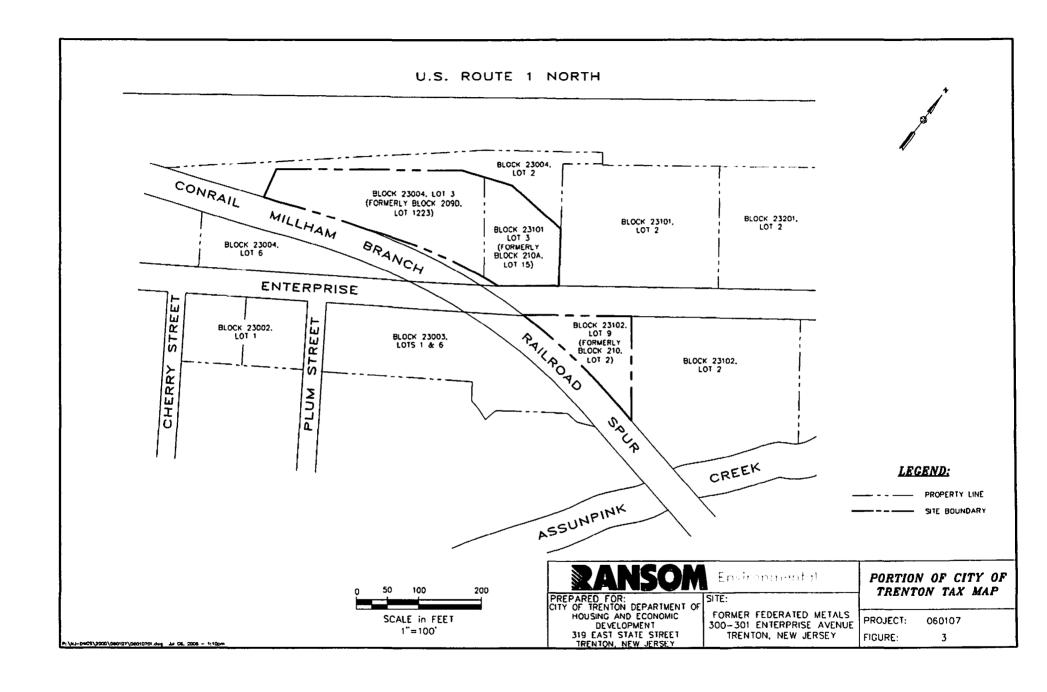
FIGURE:

1

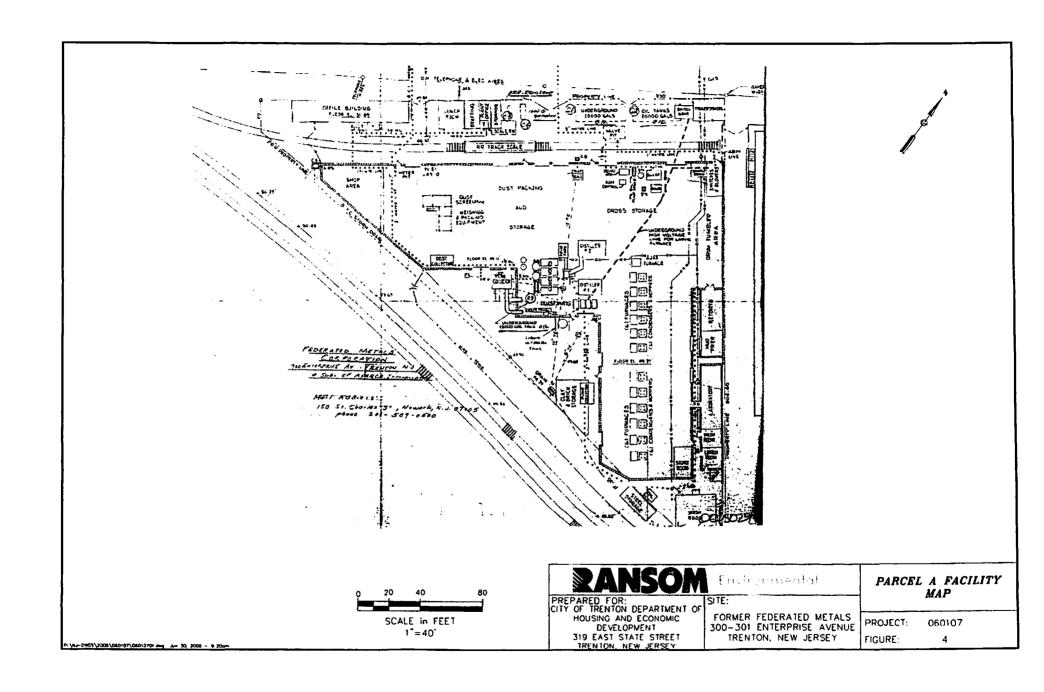
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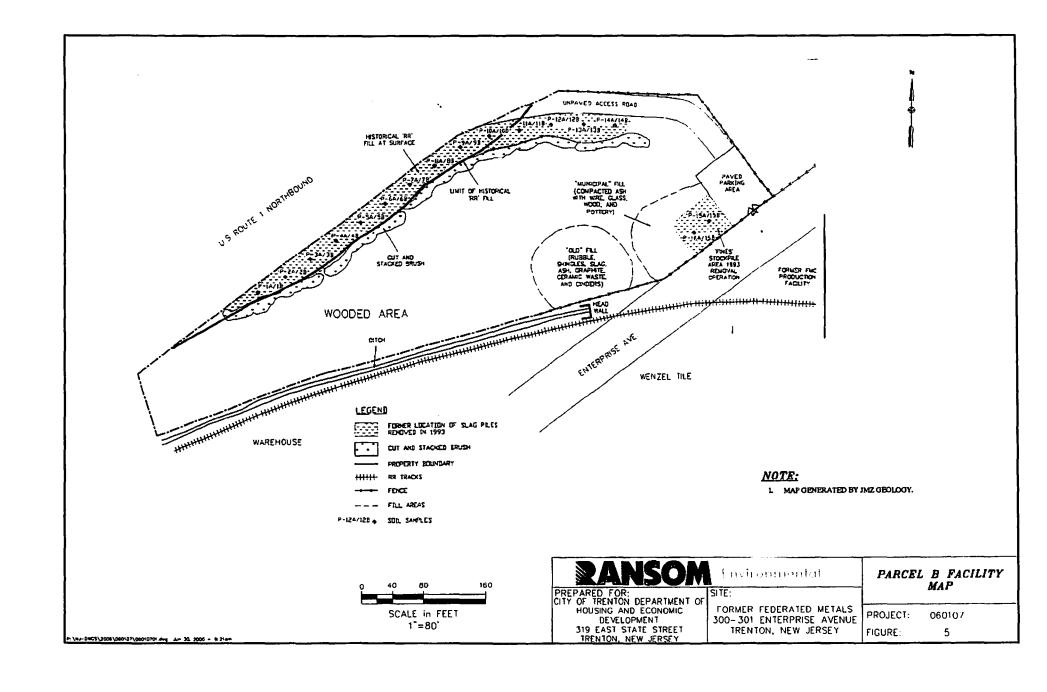




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BRIDGEVIEW MANAGEMENT COMPANY, INC.

1160 State Street Perth Amboy, New Jersey 08861

Phone: (732) 826-1800

Fax: (732) 826-9344

May 23, 2006

Mr. Greg Casabona Ransom Environmental 2127 Hamilton Avenue Hamilton, NJ 08619

Dear Mr. Casabona:

Enclosed please find the completed User Questionnaire that was sent to Jack Gracie and pertains to the Federated Metals site located at 300 Enterprise Avenue, Trenton, NJ.

Further, the undersigned will be your primary contact should you have any questions pertaining to the site. At this point it is not our intention to have anyone representing Federated Metals at the site during your visit on May 31st.

In addition, you should know that the Federated Metals site was a zinc dust producer with the primary feed for the operation being zinc. Therefore, we believe that the primary contaminant, if any, would be zinc.

Should you have any questions, please feel free to contact me at the above phone or address.

Very truly yours,

Vincent L. Wildman

Uncert L Will man

VLW/jy

Enclosures

c: DARobbins JGracie

Unknown

	<u>USER QUESTIONNAIRE</u>
Liabi must	der to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business lity Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user provide the following information (if available) to the environmental professional. Failure to de this information could result in a determination that "all appropriate inquiry" is not complete.
1.	Environmental cleanup liens that are filed or recorded against the <i>Property</i> (40 CFR 312.25). Are you aware of any environmental cleanup liens against the property that are filed of recorded under federal, tribal, state or local law?
	None Known
2.	Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?
	None Known
3.	Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). As the user of this Environmental Site Assessment (ESA) do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current of former occupants of the <i>Property</i> or an adjoining property so that you would have specialized knowledge of the chemicals and processes currently and/or historically by this type of business?
	Not Applicable
4.	Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the <i>Property?</i>

¹ Landowner Liability Protections, or LLPs, is a term used to describe the three types of potential defenses to Superfund hability in EPA's interim Guidance Regarding Criteria Landowners Must Meet in Order to Quality for Bona Fide Prospective Parchaser. Configuous Property Owner, or Innocent Landowner Limitations on CERCLA Liability ("Common Elements" Guide) issued on March 6, 2003.

RANSOM ENVIRONMENTAL

98

USER OUESTIONNAL

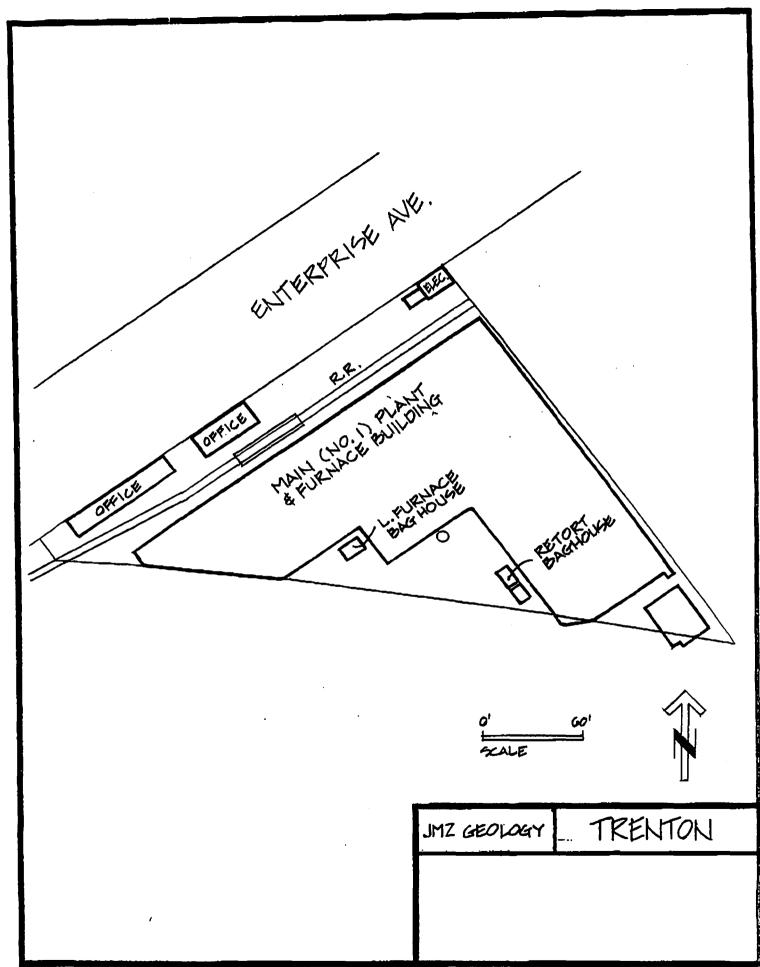
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5.	Commonly known or reasonably ascertainable information about the property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as the user, (a) Do you know the past uses of the Property? (b) Do you know of specific chemicals that are present or once were present at the Property? (c) Do you know of spills or other chemical releases that have taken place at the Property? (d) Do you know of any environmental cleanups that have taken place at the Property?
	Yes
	(a) Yes (b) Yes (c) Yes
	(d) Yes
6.	The degree of obviousness of the presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the user of this ESA, based on your knowledge and experience related to the <i>Property</i> are there any obvious indicators that point to the presence or likely presence of contamination at the <i>Property</i> ? To be determined by person performing Phase II Site
	Assessment.
perio poten prope practi	M Method E 1527-05, Section 3.2.93 defines a <i>User</i> as the party seeking to use Practice 1527-05 to arm an environmental site assessment of the <i>Property</i> . A User may include, without limitation, a ntial purchaser of <i>Property</i> , a potential tenant of <i>Property</i> , an owner of <i>Property</i> , a lender, or a certy manager. The User has specific obligations for completing a successful application of this fice as outlined in Section 6. In accordance with ASTM Method 1527-05 Section 6 and Appendix, please provide the information requested below (attach additional sheets if necessary):
7 .	Please provide the reason for performing this Phase I ESA:
	See #6_Response
	See #6 Response
8.	Please provide the type of <i>Property</i> and type of property transaction, for example, sale, purchase, exchange, etc.
8.	Please provide the type of <i>Property</i> and type of property transaction, for example, sale, purchase,
8.	Please provide the type of <i>Property</i> and type of property transaction, for example, sale, purchase exchange, etc.
8.	Please provide the type of <i>Property</i> and type of property transaction, for example, sale, purchase, exchange, etc.
	Please provide the type of <i>Property</i> and type of property transaction, for example, sale, purchase exchange, etc. Unknown Please provide the complete and correct address for the <i>Property</i> , including local tax identification numbers (lot and block). A map or other documentation showing the <i>Property</i>

RANSOM ENVIRONMENTAL Page 2 of 3

USER QUESTIONNAIRE

10.	Please provide the scope of services desired for the Phase I (including whether any parties to the <i>Property</i> transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527-05 are to be considered).
	See #6 Response
11.	Please identify all parties who will rely on this Phase I Environmental Site Assessment Report.
	See #6 Response
12.	Is the performance of this Phase I ESA being funded by a Brownfield grant?
	See #6 Response
13.	Please provide records of historic ownership (title search) dating to the first developed use of the Property.
	No title search available. Block 210B, Lot 2 United Smelti
	1914-1928; Federated Metals 1928 - Present
14.	Please provide contact information for the property owner, manager, tenant(s), person with the most historical knowledge of the property, and person with whom to contact for a site inspection.
	Vincent L. Wildman (732) 826 - 1800
To b	oe signed by the User or Agent of the User:
	Not Applicable 5/23/06
Print	red Name Signature Date

RANSOM ENVIRONMENTAL Page 3 of 3



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New Jersey Department of Environmental Protection Site Remediation Program

PRELIMINARY ASSESSMENT REPORT

This form has been created to assist in completing a Preliminary Assessment in accordance with the Technical Requirements for Site Remediation, N.J.A.C. 7:26E. It must be completed in detail and supplemented with narratives where directed. This form takes the Preliminary Assessment requirements of the Technical Rules and puts them into a question and answer format. It is the foundation for completing an environmental investigation of a site as a means towards obtaining a no-further-action approval from the Department; as well as a means toward meeting the minimum requirements of the due diligence requirements of the innocent purchaser defense as defined by N.J.S.A. 58:10-23.11g

INFORMATION IN THE REPORT SHALL BE USED AS THE INITIAL BASIS FOR ASSESSING POTENTIAL ENVIRONMENTAL CONCERNS. THIS FORM MUST BE CERTIFIED IN ACCORDANCE WITH N.J.A.C. 7:26E-1.5. SUBMIT ONE ORIGINAL CERTIFIED COPY OF THIS FORM UNLESS IT IS ACCOMPANIED BY A SITE INVESTIGATION REPORT AND A PROPOSED REMEDIAL INVESTIGATION WORKPLAN IN WHICH CASE 3 COPIES SHALL BE SUBMITTED.

This form should be used as a foundation for completing a preliminary assessment report in accordance with N.J.A.C.7:26E, the Technical Requirements for Site Remediation, subchapter 3.1 and 3.2. The purpose of a preliminary assessment is to identify the presence of any potentially contaminated areas of concern. And if the information gathered to complete this form identifies and potentially contaminated areas of concern, then there is a need to complete a site investigation pursuant to N.J.A.C. 7:26E-3.3 through 3.13. If this is the case, then continue with the remedial activities and submit the preliminary assessment report with a complete site investigation report and a proposal based on the findings of the site investigation.

The Department will accept mimeograph copies or computer-generated copies of this form provided the copies are legible and all questions listed on this form are included.

The application must be notarized.

Should you encounter any problem in completing this form, we recommend that you discuss the matter with your assigned Case Manager for active cases or a representative from the Department if completing the form in anticipation of a future submittal to the NJDEP. Submitting incorrect or insufficient data may cause processing delays and possible postponement of your transaction.

Please call (609) 633-0708 or your assigned case manager between the hours of 8:30 a.m. and 4:30 p.m. to request assistance.

4/98

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF RESPONSIBLE PARTY SITE REMEDIATION

P.O. Box 435, TRENTON, NJ 08625-0435

PRELIMINARY ASSESSMENT REPORT

Answer all questions. Should you encounter any problems in completing this form, we recommend that you discuss the matter with a representative from the Site Remediation Program. Submitting incorrect or insufficient data may cause processing delays and possible postponement of your transaction

Date: <u>June 30, 2006</u>

PLEASE PRINT OR TYPE

Industrial Establishment/Site Name: Former Federated Metals facility				
Address: 300 & 301 Enterprise Avenue				
City or Town City of Trenton	Zip Code <u>08608</u>			
Municipality Trenton	County Mercer			
Block(s) and Lots(s): Block 23102, Lot 9; Block 2	23101, Lot 3; Block 23004, Lot 3			
Site Remediation Program Case Number or EPA	Identification Number: NJD099097594			

1. Present a history of ownership and operations at the industrial establishment, in tabular form, from the time the site was naturally vegetated or utilized as farmland in accordance with N.J.A.C. 7:26E-3.1(c)1.i. (attach additional sheets as necessary)

Name of Property Owner	Lot	From	То
Joseph W. Elberson & Williams A. Prickitt	Tracts 1&2	Prior	August 1, 1871
Henry G. Cook & Charles H. Skirms	Tracts 1&2	August 1, 1871	November 1, 1871
Edward Camfshell	Tracts 1&2	November 1, 1871	July 13, 1880
Isaac Davis	Tracts 1&2	July 13, 1880	March 29, 1886
John Moses	Tracts 1&2	March 29, 1886	(Illegible)

Hugh H. Hamill, Trustee	Tracts 1&2	(Illegible)	September 1, 1910
Edmund C. Hill	Tracts 1&2	September 1, 1910	September 18, 1918
Willet H. Cooper	Tracts 1&2	September 18, 1918	January 12, 1918
John J. McCue	Tracts 1&2	January 12, 1918	March 10, 1922
John H. Kafes	Tracts 1&2	March 10, 1922	February 26, 1925
Federated Metals Corp	Tracts 1&2	February 26, 1925	November 13,1932
Federated Metals Corp ¹	Tracts 1&2	November 13,1932	December 7, 1936
American Smelting & Refining	Tracts 1&2	December 7, 1936	December 29, 1975
Federated Metals Corp	Tracts 1&2	December 29, 1975	Present
Unknown ²	Tract 3	Prior	May 10, 1935
Federated Metals	Tract 3	May 10, 1935	December 7, 1936
American Smelting & Refining	Tract 3	December 7, 1936	December 29, 1975
Federated Metals	Tract 3	December 29, 1975	Present
August G Richy & Wife Hulah Moor & Wife Lydia A. Moor, widow Erkford Moor & Wife Charlies Moor	Tract 4	Prior	August 16, 1873
Enterprise Land Company	Tract 4	August 16, 1873	November 19, 1906
United Jersey Railroad	Tract 4	November 19, 1906	March 18, 1954
American Smelting & Refining	Tract 4	March 18, 1954	December 29, 1975
Federated Metals Corp	Tract 4	December 29, 1975	Present

Name of Property Operator	Lot	From	То
Federated Metals Corp	Tracts 1&2	February 26, 1925	December 7, 1936
American Smelting & Refining	Tracts 1&2	December 7, 1936	December 29, 1975
Federated Metals Corp	Tracts 1&2	December 29, 1975	Present

Tract 3	May 40 4025	
	May 10, 1935	December 7, 1936
Tract 3	December 7, 1936	December 29, 1975
Tract 3	December 29, 1975	Present
Tract 4	August 16, 1873	November 19, 1906
Tract 4	November 19, 1906	March 18, 1954
Tract 4	March 18, 1954	December 2,1975
Tract 4	December 2,1975	Present
	Tract 3 Tract 3 Tract 4 Tract 4 Tract 4	Tract 3 December 7, 1936 Tract 3 December 29, 1975 Tract 4 August 16, 1873 Tract 4 November 19, 1906 Tract 4 March 18, 1954

- 2A. In accordance with N.J.A.C. 7:26E-3.1(c)1.ii, provide a clear and concise description of the past industrial/commercial operation(s) conducted on site by each owner and operator. To the extent available the site history shall include an evaluation of the following sources of information:
 - (1) Sanborn Fire Insurance Maps; (2) MacRae's Industrial Directory; (3) Title and Deed; (4) Site plans and facility as-built drawings; (5) federal, state, county and local government files; (6) The Department Geographic Information System. (7) and any additional sources which may be available for a specific site.

Site history is frequently an item where preliminary assessments are incomplete. The Industrial Site Recovery Act requires that a diligent inquiry be made, researching the site history back to January 1, 1932. Common answers to this question have included: "Unknown", or "We are only a tenant on the site and have no knowledge of prior site history". Neither of these answers satisfies the requirement for a due diligent inquiry.

To avoid having a PA found incomplete by the Department due to insufficient information, the site history must be researched. The following are ways of obtaining information regarding site history: title searches; contacting the local and county health officials and municipal agencies (for example, local fire and police departments, and local planning, zoning, adjustment boards) requesting any information these public agencies may have on the specific location; and, interviewing long time neighbors of the industrial establishment. Tenants should always request information from the landlord. The applicant should always document any attempts to locate this information to support a claim that a diligent inquiry has been conducted. If the prior site history demonstrates that the current building was built on vacant unimproved property, it should be reported as such. If the site has been, or is now the subject of a site remediation, any prior cases should always be referenced.

Provide the page or appendix number where the site history may be found. <u>See Section</u> 4.6 of the Phase I ESA (page 18)

Provide a listing of the resources utilized to compile the site history and as appropriate copies of any maps or information, which will assist the Department in evaluating your conclusions.

Name of Resource	Date of document(s) reviewed	Appendix # if providing copies
Environmental Data Resources (EDR), Inc. federal & state database search	May 10, 2006	Appendix E
Aerial Photographs	1953, 1963, 1978, 1989, and 1995	Appendix G
Sanborn Fire Insurance Maps	1890, 1905, 1927, 1949, 1955, 1965, 1968, 1977, 1982, and 1991	Appendix H
Chain of Title Search	1871, 1873, 1880, 1886, 1906, 1910, 1918, 1922, 1925, 1932, 1935,1936, 1954, 1975	N/A
USGS Topographic Maps	1906, 1916, 1918, 1942, 1948, 1954, 1957, 1970 (photo revised), 1981 (photo revised), 1995	Appendix I

2B. Include a detailed description of the most recent operations subject to this preliminary assessment.

Provide the page or appendix # where the description of the most recent operations may be found. See Section 2.3 of the Phase I ESA (page 6)

3. Hazardous Substance/Waste Inventory: N.J.A.C. 7;26E-3.1(c)1.iii. List <u>all</u> raw materials, finished- products, formulations and hazardous substances, hazardous wastes, hazardous constituents and pollutants, including intermediates and by-products that <u>are or were historically present</u> on the site. Note: If past usage included farming, pesticides may be a concern and should be included in this list. (attach additional sheets if necessary).

Material Name	CAS # if known	Typical annual usage (gallons/lbs.)	Storage method (i.e. drum, tank, jars)
Metallic Zinc Dust	7440-66-6	Unknown	Steel Drums
Gasoline	8006-61-9	Unknown	UST
Kerosene	8008-20-6	Unknown	UST
Heating Oil	68476-34-6	Unknown	USTs
Heating Oil	Unknown	Unknown	Unknown

4 A. In accordance with N.J.A.C. 7:26E-3.1(c)1iv provide a summary of all <u>current and historic</u> wastewater discharges of **Sanitary and/or Industrial Waste** and/or sanitary sludges. Present and past production processes, including dates, and their respective water use shall be identified and evaluated, including ultimate and potential discharge and disposal points and how and where materials are or were received on-site. All discharge and disposal points shall be clearly depicted on a scaled site map.

Site Information

Discharge Period		Discharge Type	Discharge Location	
N/A				

4B. Provide a narrative of disposal processes for all <u>historic and current</u> process waste streams and disposal points. (attach additional sheets if necessary)

See Section 5.4 and 5.5 of the Phase I ESA (page 28)

5. This question requires the applicant to conduct a diligent inquiry into the current and historic operations at the site to identify all of the potential areas of concern, which formerly or currently exists at the industrial establishment as defined in N.J.A.C. 7:26E-1.8.

Diligent inquiry as defined in N.J.A.C.7:26E-1.8 states:

- A. Conducting a diligent search of all documents which are reasonably likely to contain information related to the object of the inquiry, which documents are in such person's possession, custody or control, or in the possession, custody or control of any other person from whom the person conducting the search has a legal right to obtain such documents; and
- B. Making reasonable inquiries of current and former employees and agents whose duties include or included any responsibility for hazardous substances, hazardous wastes, hazardous constituents, or pollutants, and any other current and former employees or agents who may have knowledge or documents relevant to the inquiry.

In accordance with N.J.A.C. 7:26E3.1(c)1.v., a narrative shall be provided for each area of environmental concern describing the (A) Type; (B) Age; (C) Dimensions of each container/area; (D) Chemical Content; (E) Volume; (F) Construction materials; (G) Location; (H) Integrity (i.e., tank test reports, description of drum storage pad); and (I) Inventory control records, unless a Department-approved leak detection system, pursuant to N.J.A.C. 7:1E or 7:14B, has always been in place and there is no discharge history. If sampling is not proposed for any identified area of environmental concern, please explain why it is believed that the area of environmental concern does not contain contaminants above the applicable remediation standards. Submit all necessary documentation to verify this belief. The required narrative need not describe the sampling to be completed; however, it should state that sampling will be completed in accordance with the

appropriate section of N.J.A.C.7:26E. Detailed descriptions of all remediation activities shall be described in the site investigation report in accordance with N.J.A.C.7:26E-3.13. Note: If the industrial establishment has multiple locations for one type of area of concern (example: underground storage tanks are located in 3 separate areas of the facility), each area must be discussed separately.

Please indicate if any of the potential areas of environmental concern listed below in #5A through #5G, as defined in N.J.A.C. 7:26E-1.8, formerly or currently exist at the industrial establishment by indicating Yes or No in the appropriate space as provided. For the Location Reference Keyed to Site Map, use either a number or letter identification and be consistent throughout each phase of the remediation, referring to the same identification provided herein.

Provide the required narrative as an appendix to this report. Do not try to provide a narrative in the space provided.

See Section 7.0 of the Phase I ESA (page 30)

I hereby certify that a diligent inquiry has been conducted to identify all current and historical potential areas of environmental concern and based on the diligent inquiry the areas of environmental concern identified below in question 5A through 5G are the only areas of environmental concern believed to exist at the above referenced property.

A. Bulk Storage Tanks and Appurtenances, including, without limitation:

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Aboveground Storage Tanks and Associated Piping	NO	NO	NA
Underground Storage Tanks and Associated Piping	YES	YES	Section 7.0, Pg 30 Phase I ESA
Silos	NO	NA	NA
Rail Cars	YES	YES	Section 4.6.2, Pg 20 Phase I ESA
Loading and unloading areas	YES	YES	NA
Piping, above ground and below ground pumping stations, sumps and pits	NO	NA	NA

B. Storage and Staging Areas, including

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Storage pads including drum and/or waste storage	NO	NO	NA
Surface impoundments and lagoons	NO	NA	NA
Dumpsters	YES	NA	NA
Chemical storage cabinets or closets	NO	NA	NA

C. Drainage systems and areas including without limitation

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Floor drains, trenches and piping and sumps	NO	NA	NA
Process area sinks and piping which receive process waste	NO	NA	NA
Roof leaders when process operations vent to the roof	NO	NA	NA
Drainage swales & culverts	NO	NA	NA
Storm sewer collection systems	YES	YES	NA
Storm water detention ponds and fire ponds	NO	NA	NA
Surface water bodies	NO	NA	NA
Septic systems leachfields or seepage pits	NO	NA	NA
Drywells and sumps	NO	NA	NA

D. Discharge and disposal areas, including, without limitation:

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Areas of discharge per N.J.A.C. 7:1E	NO	NA	NA
Waste piles as defined by N.J.A.C 7:26	YES	NO	Section 4.3, Pg 15 Phase I ESA
Waste water collection systems including septic systems, seepage pits, & dry wells.	МО	NA	D, G
Landfills or landfarms	NO	NA	NA
Sprayfields	NO	NA	NA
Incinerators	NO	NA	NA
Historic Fill or any other Fill material	NO	NA	NA
Open Pipe discharges	NO	NA	NA

E. Other areas of concern, including, without limitation:

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Electrical Transformers & Capacitors	YES	YES	Section 7.0, Pg 30 Phase I ESA
Hazardous material storage or handling areas	YES	YES	Section 7.0, Pg 30 Phase I ESA
Waste Treatment areas	NO	NA	NA
Discolored or spill areas	NO	NA	NA
Open areas away from production areas	NO	NA	NA
Areas of stressed vegetation	NO	NA	NA
Underground piping including industrial process sewers	YES	NO	Sections 5.4 & 5.5, Pg 28 Phase I ESA
Compressor vent discharges	NO	NA	NA
Non-contact cooling water discharges	NO	NA	NA
Areas which receive flood or storm water from potentially contaminated areas	YES	NA	Section 7.0, Pg 30 Phase I ESA
Active or Inactive production wells	NO	NA	NA

F. Building interior areas with a potential for discharge to the environment, including, without limitation:

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Loading or Transfer areas	NO	NA	NA
Waste Treatment areas	NO	NA	NA
Boiler rooms	NO	NA	NA
Air vents and ducts	YES	YES	NA
Hazardous material storage or handling areas	YES	NO	Section 7.0, Pg 30 Phase I ESA

Any other site-specific area of concern.

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number

If the site area exceeds two acres, an interpretation of the aerial photographic history of the site shall be submitted in accordance with N.J.A.C. 7:26E-3.1(c)1.vi. The interpretation shall be based on available current and historical color, black and white and infrared aerial photographs (scale 1:18,000 or less) of the site and surrounding area at a frequency that provides the evaluator with a historical perspective of site activities. The photographic history shall date back to 1932 or the earliest photograph available. Aerial photographs are available for review at the New Jersey Department of Environmental Protection, Tidelands Management Program, Aerial Photo Library, 9 Ewing Street, Trenton, New Jersey, (609) 633-7369. Note, the applicant is not required to provide the Department with copies of the aerial photographs reviewed only an interpretation of what was observed in each photograph, which may represent an environmental concern.

Check here if an aerial photo review was not complete and provide a reason.

Provide the appendix number for the air photo review narratives

See Section 4.6.1 of the Phase I ESA (page 20). Copies of the aerial photographs are included in Appendix G.

1550

7.	Discharge History of Hazardous Substances and Wastes, N.J.A.C. 7:26E-3.1(c)1vii:			
	A. Have there been any known discharges of hazardous substances and wastes at the site?			
	No (Go to question #8) XYes (Complete Items 7B & 7C)			
	B. Was the Department notified of the discharge?			
	Yes;X No			
	If yes, provide the Case #			
	C. Was a no-further-action letter, negative-declaration approval or full-compliance letter issued as a result of the cleanup of this discharge?			
	Yes (Submit a copy of the no-further-action approval)			
	X No (Submit a complete Site Investigation or Remedial Action Report documenting the action taken to address the discharge)			
8.	In accordance with N.J.A.C.7:26E-3.1 (c) 1.vii, provide a description of any remediation activities previously conducted or currently underway at the site, including dates of discharges, remedial actions taken, and all existing sample results concerning contaminants which remain at the site. Copies of Department or other governmental agency no-further-action approvals should also be provided with a description of the areas to which the no-further-action approvals apply. This information is especially important if the approval was granted for the remediation of a portion of a site or a specific discharge event rather than the entire site subject to this preliminary assessment.			
	Check here if this question does not apply.			
	Provide the appendix number for the required narrative and data summary			
	Section 3.3, Pg 9, Appendix D			
9.	Protectiveness of past remedies, Order of Magnitude Analysis, N.J.A.C. 7:26E-3.1(c) 1.ix & N.J.A.C. 7:26E, 3.2(a)5			
	A. Have any areas of concern previously received a No-Further-Action approval from the Department or other equivalent government agency for which no additional remediation is proposed? X No (go to question #10). Yes (complete 9B).			
	B. In accordance with N.J.S.A 58:10B-13(e) the following evaluation of the protectiveness of past remedies shall be completed for all areas of concern for which no further action was previously approved by the Department or other equivalent government agency and for which no additional remediation is proposed. All final sampling results shall be			

evaluated to determine if contaminant levels remaining on site are in compliance with current remediation criteria. The applicant shall complete the following:

Include a table comparing the levels of contaminants remaining in each area of concern, the numerical remediation standard approved in the remedial action work plan or at the time of no-further-action approval and the numerical remediation standards applicable at the time of the comparison. The table shall contain all sampling results, including sample location, sample media, field and laboratory identification numbers, and method detection limits, as necessary, and analytical results for all individual contaminants for each area of concern.

I hereby certify that the order of magnitude analysis required pursuant to N.J.A.C. 7:26E has been completed, since the issuance of a No-Further-Action approval, negative declaration approval or equivalent remediation approval; and (Check the appropriate statements (1), (2), (3) or (4))

- (1) ____ The areas of concern listed below contain contaminants above the numerical remediation standard applicable at the time of the comparison, however no further action is required because: (check the appropriate sub statement)
 - _____ (a) The contaminant concentrations remaining in the areas of concern listed below are less than an order of magnitude (factor of 10) greater than the numerical remediation standard applicable at the time of the comparison;
 - (b) The areas of concern or the site was remediated using engineering and institutional controls approved by the Department and these controls are still protective of public health, safety and the environment; or
 - _____ (c) The area of concern or the site was remediated to an approved site specific remediation standard and all of the factors and assumptions which are the basis for deriving the site specific remediation standard remain valid for the site.

Please list the areas of concern for which the previous statement applies.

Area of Concern	Location Reference Keyed to the Site Map
	ed below contain contaminants above the numerical the time of the comparison and further remediation is opriate sub statement)
listed below are more than a	at concentrations remaining in the areas of concern an order of magnitude (factor of 10) greater than the ard applicable at the time of the comparison;
—— · <i>i</i>	cern or the site was remediated using engineering and d by the Department and these controls are no longer

Former Federated Metals Facility 300 & 301 Enterprise Avenue Trenton, Mercer County, New Jersey				
protective of public health, safety	and the environment; or			
specific remediation standard ar	or the site was remediated to an approved site and some or all of the factors and assumptions the site specific remediation standard are no			
Please list the areas of concern for which the pre	evious statement applies.			
Area of Concern	Location Reference Keyed to the Site Map			
(3) The areas of concern listed below do not contain contaminants above th numerical remediation standard applicable at the time of the comparison and no further remediation is required. Please list the areas of concern for which the previous statement applies.				
Area of Concern	Location Reference Keyed to the Site Map			
(4)The contaminant concentrations remaining in the below listed areas of concern a more than an order of magnitude greater than the numerical remediation standa applicable at the time of the comparison. However, no further remediation is required to the person conducting this preliminary assessment, because, in accordance with N.J.S. 58:10B13(e), that person is not liable for the contamination pursuant to N.J.S.A. 58:1 23.11g Please list the areas of concern for which the previous statement applies.				
Area of Concern	Location Reference Keyed to the Site Map			
	ocumenting environmental quality of the Industrial raction approval from the Department or been			

B. Have there been any known changes in site conditions or new information developed since completion of previous sampling or remediation? NO If sampling results were obtained, but are not part of this application, please explain below (N.J.A.C. 7:26E-3.1©xi):

No (Go to 11)

X_Yes

Former Federated Metals Facility 300 & 301 Enterprise Avenue Trenton, Mercer County, New Jersey

11.	List all federal, state and local environmental permits at this facility, including permits for
	all previous and current owners or operators, applied for, received, or both (Attach
	additional sheets if necessary).

Check here if no permits are involved	here if no permits are involved	
---------------------------------------	---------------------------------	--

A. New Jersey Air Pollution Control

Permit Number	Expiration Date	Type of Permitted Unit
NJDEP - 3145	Unknown	Furnace Ventilation and Baghouse
NJDEP - 6598	Unknown	Restart Furnace, Baghouse and Smelting Furnace
NJDEP - 31994	Unknown	Larvik Furnace Ventilation Baghouse

B. Underground Storage Tank Registration Number 0045029

No.	Size of Tank (Gallons)	Tank Contents	Status
C1	20,000	Heating Oil	Removed 1/01/1989
C2	20,000	Heating Oil	Removed 1/01/1989
C3	15,000	Heating Oil	Removed 1/01/1989
C4	1,000	Gasoline	Removed 1/01/1989
C5	500	Kerosene	Removed 1/01/1989

C. New Jersey Pollutant Discharge Elimination System (NJPDES) Permit

Permit Number	Discharge Type	Discharge Location Keyed to Site map	Expiration Date	
NJ0020664	Storm Water	NO	Unknown	

D.	Resource Conservation and	Recovery Act (RCRA) permit #N	<u>/A</u>
E.	EPA Identification Number	NJD099097594	

F. In accordance with N.J.A.C. 7:26E-3.1(c) xii, list all other federal, state, local government environmental permits for all previous and current owners or operators applied for and/or received for the site including:

- (1) Name and address of the permitting agency
- (2) The reason for the permit
- (3) The permit identification number
- (4) The application date
- (5) The date of approval, denial or status of the application
- (6) The name and current address of the permittees
- (7) The reason for the denial, revocation or suspension if applicable
- (8) The permit expiration date

X Check here if no other environmental permits were applied for or received for this site.

Former Federated Metals Facility 300 & 301 Enterprise Avenue Trenton, Mercer County, New Jersey

	Provide the appendix # for the required listing if other environmental permits exist for this site
12.	In accordance with N.J.A.C. 7:26E-3.1(c)xiii, provide a summary of enforcement actions (including but not limited to, Notice of Violations, Court Orders, official notices or directives) for violations of environmental laws or regulations (attach additional sheets if necessary):
	A. Check here if no enforcement actions are involved (Go to 13 otherwise complete 12B)
	B. (1) Name and address of agency that initiated the enforcement action
	NJDEP
	Division of Solid Waste Management
	(2) Date of the enforcement action December 15, 1998
	(3) Section of statute, rule or permit allegedly violatedNJAC 13:1E-1 et seq., NJAC 48:13A-1 et seq.
	(4) Type of enforcement: <u>Injunction</u>
	(5) Description of the violation Violation of Solid Waste Laws
	(6) How was the violation resolved? <u>Unknown</u>
13.	In accordance with N.J.A.C. 7:26E-3.1(c) xiv, please provide a narrative description of all areas where non-indigenous fill materials were used to replace soil or raise the topographic elevation of the site, including the dates of emplacement. See Phase I ESA Section 5.5 (page 28)
14.	A. In accordance with N.J.A.C. 7:26E-3.2(a) 3.i, submit a scaled site plan, detailing the subject lot and block, property and or leasehold boundaries, location of current and former buildings, fill areas, paved and unpaved areas, vegetated areas, and all areas of concern identified above and all active or inactive wells. See Figure 2
	B. Scaled historical site maps and facility as built drawings (if available). See Phase I ESA Section 7.0 (page 30)
	C. A copy of the United States Geologic Survey (USGS) 7.5 minute topographical

Former Federated Metals Facility 300 & 301 Enterprise Avenue Trenton, Mercer County, New Jersey

quadrangle that includes the site and an area of at least one mile radius around the site. The facility location shall be clearly noted. If a portion of the USGS quadrangle is used, the scale, north arrow, contour interval, longitude and latitude with the name and date of the USGS quadrangle shall be noted on the map. See Figure 1

- 15. In accordance with N.J.A.C. 7:26E-3.2, please provide the date that the site visit was completed to verify the findings of the preliminary assessment. May 31, 2006 & June 6, 2006
- 16. List any other information you are submitting or which has been formerly requested by the Department:

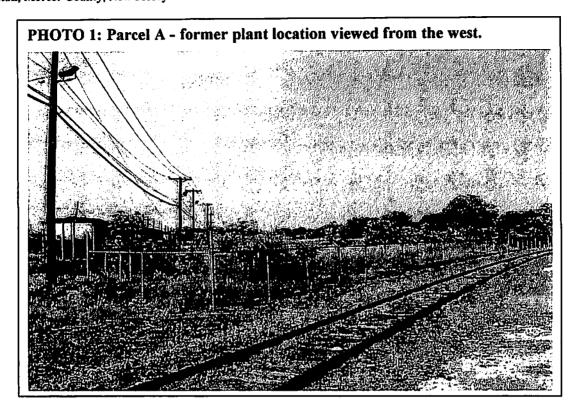
Description	Appendix #
NA	

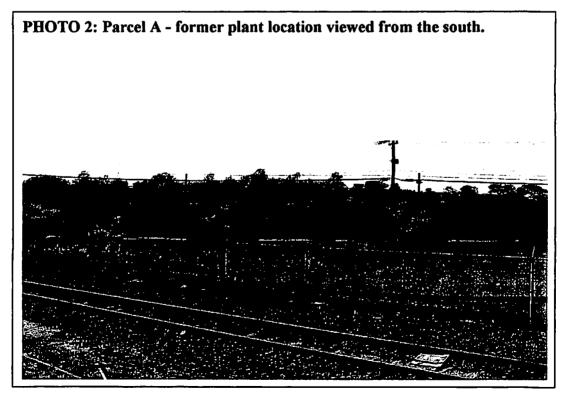
CERTIFICATION:

The following certification shall be signed by the highest-ranking individual at the site with overall responsibility for that site or activity. Where there is no individual at the site with overall responsibility for that site or activity, this certification shall be signed by the individual having responsibility for the overall operation of the site or activity.

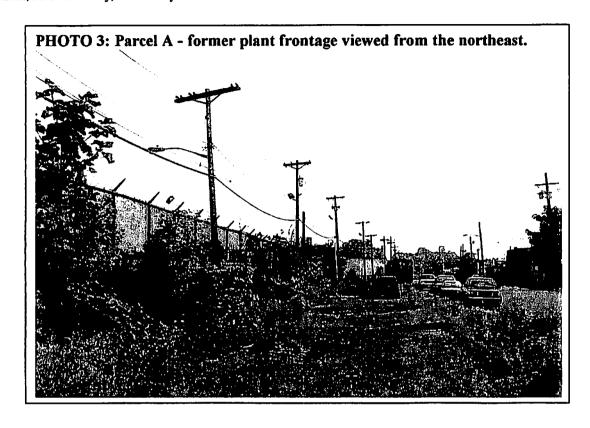
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information, and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

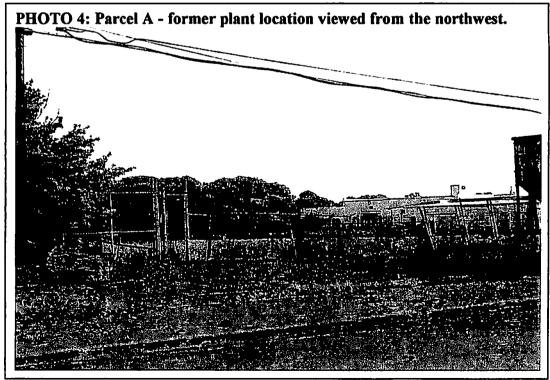
Typed/Printed Name	Title	
Signature	Date	
Swom to and Subscribed Before Me on this	Date of	_2006
Notary		



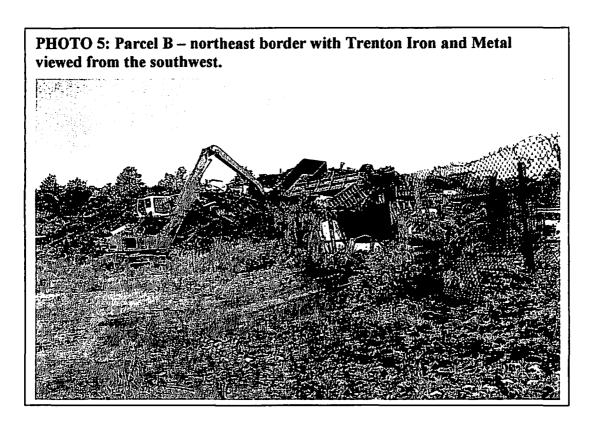


Phase I Environmental Site Assessment Former Federated Metals Facility 300 & 301 Enterprise Avenue Trenton, Mercer County, New Jersey



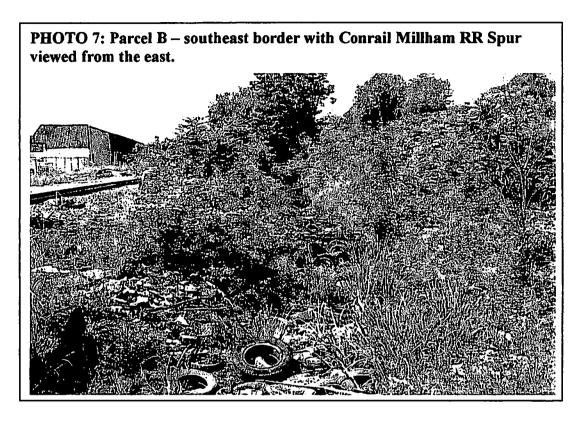


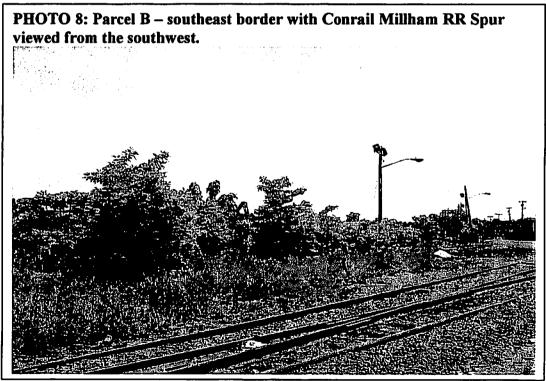
Phase I Environmental Site Assessment Former Federated Metals Facility 300 & 301 Enterprise Avenue Trenton, Mercer County, New Jersey





Phase I Environmental Site Assessment Former Federated Metals Facility 300 & 301 Enterprise Avenue Trenton, Mercer County, New Jersey





SOIL INVESTIGATION REPORT Federated Metals Corporation Trenton Facility

Prepared for:

Bridgeview Management Company, Inc. 1160 State Street Perth Amboy, NJ 08861

Prepared by:

JMZ Geology 43 Emery Ave. Flemington, NJ 08822

July 2000

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1.0 INTRODUCTION AND BACKGROUND

The site under investigation is an undeveloped owned by the Federated Metals Corporation (FMC) in Trenton, NJ. The undeveloped lot consists of approximately 4.2 acres of land located on the north side of Enterprise Avenue opposite the location of the former processing facility. This was the site a paved 80' x 90' employee parking lot. Figure 1 is a site location map.

1.1 Physical Setting

The site is accessed through a gate located on Enterprise Ave. A paved area measuring approximately 80 X 90 feet is located immediately inside the gate. This was formerly used for employee parking. The remainder of the parcel is unpaved. The northern edge of the site is bounded by a former railroad bed. With the exception of the fence lines along Enterprise Ave. and the boundary with the adjacent Trenton Iron and Metals facility, the boundaries of the site are unmarked adjacent Trenton Iron and Metals facility, and an acceptance of the site are unmarked and not defined.

The central portion of the site is wooded. It is lower in elevation than the surrounding area and is wooded.

An updated survey was necessary to define the property lines. Figure 2 is a map of the site constructed from survey measurements of the property boundaries made by Henderson and Bodwell, and field measurements and observations made by JMZ Geology. A 1995 NJDEP aerial photograph was used to check the field measurements.

1.2 Property Use and Waste Distribution

This lot was never used for processing or manufacturing purposes. However, it was used for storage of slag, zinc skims, furnace linings, and other plant wastes. In addition to plant wastes, ceramic wastes derived from nearby potteries, and household rubbish were also placed there. The Federated plant operated from 1917 to 1982; the dates these materials were placed on the vacant lot are unknown.

During the 1980's FMC mapped the distribution of the waste piles on the site and sampled them for EP Toxicity testing. The plant-derived materials identified included slag, zinc skims, brick, castings, and Larvic furnace liner brick. The wastes were found in discrete piles superimposed on a broader blanket of fill materials. The distribution of the waste materials along the northern property boundary suggested that they had been brought onto the site from the former railroad bed. The former location of the piles is indicated on Figure 2.

Eight samples of waste materials were collected and analyzed for EP Tox metals by International Testing Laboratories of Newark NJ. All of the samples produced lead leachate concentrations exceeding the Federal hazardous waste Maximum Concentration Level (MCL).

In 1992, Bridgeview asked JMZ Geology to inspect the waste, and to coordinate its removal from the site. The wastes consisted of slag, zinc skims, and furnace brick, with lesser quantities of zinc metal, rusted drums and containers, machinery parts, building rubble, domestic rubbish, and automobile parts. No oily materials, organic odors or staining were observed.

During January and February 1993, all of the waste piles were removed from the site by Enpro, Inc. of Berlin, NJ. The individual piles were excavated and screened to separate the coarse and fine fractions and to allow the removal of tires and scrap. Excavation of the piles revealed that they were underlain by railroad fill consisting mostly of cinders, and by ceramic wastes. Excavation did not extend to natural soils.

JMZ collected three representative waste characterization samples from the piles of screened material. One of these consisted of fine-grained material and was submitted for full (organics and metals) TCLP analysis. The other two samples consisted of coarse-grained material and were submitted for TCLP metals analysis only. One of the coarse-grained samples produced a TCLP lead leachate concentration of 5.9 mg/l, which exceeded the MCL. All of the results from the remaining two samples were below the MCLs.

A total of 580.12 tons (24 loads) of material were removed as hazardous waste and disposed of at the Michigan Disposal, Inc. facility in Belleville, Michigan. An additional 26 loads of non-hazardous material was also removed and shipped for recycling to Miller Asphalt Products, Inc. of Finksburg, Maryland.

In order to gain access to the site it was necessary to clear the heavy overgrowth. The piles were then excavated and trucked to the paved portion of the site where sorting took place. The railbed was used to access the piles furthest removed from the gate area. Following the removal of the waste, the entire trafficked area was rough-graded by the excavating equipment. The goal of this activity was strictly to remove the piles of accumulated wastes and containers. No post-removal soil sampling was conducted and no attempt was made to assess the extent of possibly contaminated soils. Documents pertaining to the removal of this material are provided in Appendix A.

2.0 CURRENT INVESTIGATION

As a result of the excavation, trucking, sorting, and grading of the stockpiled waste

materials at the site, fine-grained fragments of the waste materials are present in the shallow soils in the graded area. In addition, fragments of waste materials are also present in the area where fines were stored following screening. The most common of these materials is a blue-grey, powdery residues. Fragments of refractory brick and furnace linings are also present. The current investigation was undertaken to determine:

- a) if the concentrations of metallic contaminants in the surficial soils in these locations exceeded current NJDEP soil cleanup criteria; and if so,
- b) if elevated concentrations of metals are also present at depth.

To achieve these ends, soil samples were collected at sixteen locations on site. Fourteen of the sample locations were placed in the disturbed area along the northern site boundary where the slag piles were formerly located. This area was defined on the north by the property boundary and on the south by cut and stacked brush which had been cleared from the slag piles prior to their removal in 1993. Two more sample locations were placed in the area to the west of the entrance gate where screened fines had been stockpiled. The sample locations are illustrated on Figure 2. At each location, one sample was collected at the surface (0-0.5 feet) and a second sample was collected at a depth corresponding to the first 6 inches of natural soil (1.0-1.5 feet to 2-2.5 feet). At locations P-11 through P-14, natural soils were present at the surface. Therefore, the deeper samples at these locations were collected at depths of 1.0 to 1.5 1.5 to 2.0 feet depending on the presence of cobbles (see below). Surficial samples were designated with the boring number and the suffix A; deeper samples were designated with the boring number and the suffix B. At locations P-15 and P-16, natural soils were not encountered and the deep samples were collected from fill material.

The surficial samples from all locations were submitted for Priority Pollutant Metals analysis. The deeper samples were held for contingent analysis to be based on the results of the shallow samples.

2.1 Description of Fill and Soils

The materials encountered in each location can be divided into three distinct groups:

- 1) Railroad Fill;
- 2) Natural Soil: and
- 3) Municipal Fill



Railroad fill was found at the surface in locations P-1 through P-10. This material consists predominantly of black ash and cinders mixed with crushed stone and gravel. Mixed with these materials are chunks of concrete (including reinforced structural concrete and concrete castings), wire, red brick, refractory brick, glass, wood, coal, metal scrap, and the following ceramic materials:

- glazed fragments (blue, green, red, white);
- electrical insulators;
- spark plug bodies;
- ceramic battery casings and lids;
- hollow tile; and,
- large diameter brown sewer pipe fragments.

Where present, the railroad fill extends to depths of 1 to 2 feet and is underlain by natural soil. The natural soil consists of an orange-brown, silty-clay loam with scattered, very well-rounded quartzite grains ranging in size from fine gravel to cobbles. Coarse material becomes more abundant and larger in size to the east. In areas where fill material overlies the natural soil, mottling indicative of former soil horizons was observed. Where no fill was present the soil was overlain with approximately 0.5 foot of black, silty topsoil.

Near the entrance to the site on Enterprise Ave. is a third material designated municipal fill was encountered. This material consists of greyish-brown to black, hard, compacted ash and cinders containing domestic rubbish including pottery, glass, wire, wood, and metallic debris. This material is partially cemented and therefore it was not possible to extend borings through it by hand methods.

2.2 Analytical Results

The sample analytical results are summarized on Table 1, the laboratory analytical report is provided as Appendix B. In the shallow samples, the metals antimony (Sb), arsenic (As), lead (Pb), thallium (Tl), and zinc (Zn) were identified at concentrations exceeding the NJDEP Residential Direct Contact Spoil Cleanup Criteria ("criteria"). The most common of these were Pb and Zn which exceeded the criteria in 13 and 14 of the samples respectively. the number of exceedances for the remaining metals were as follows:

Sb - 5;

As - 7; and

TI - 2.

Based on these results, the deeper samples from each location were submitted for analysis for the five metals which exceeded the criteria in the shallow samples. With the exception of samples PB-15B and PB-16B, none of the deeper samples

exceeded the criteria for any of the targeted metals. In samples PB-15B and PB-16B, the results for As, Pb, and Zn exceeded the criteria. The results for sample PB-15B show a marked decrease in concentration compared to PB-15A, with As and Tl decreasing to values below the criteria. However, in sample PB-16B the concentrations have increased relative to PB-16A.

3.0 Conclusions and Recommendations

The results of this investigation confirm that residual waste materials from the 1993 slag removal are still present on the site. The concentrations of Sb, As, Pb, Tl, and Zn all exceed the NJDEP criteria at the site surface. However, the distribution of metal concentrations is random and variable, as expected based on the nature of the material. In the former slag pile area, these metals are restricted to the surficial soils.

In the former fines stockpile area, natural soils were not encountered and the concentrations of metallic contaminants in the deeper soils also exceed the criteria. In this area, the deeper contamination is believed to be due to the presence of historical municipal fill. The presence of metal processing waste materials at the surface is an indication that these materials have contributed to the contamination in this area. However, the actual contribution of these materials as opposed to that from the historic fill material cannot be determined on the basis of the existing data.

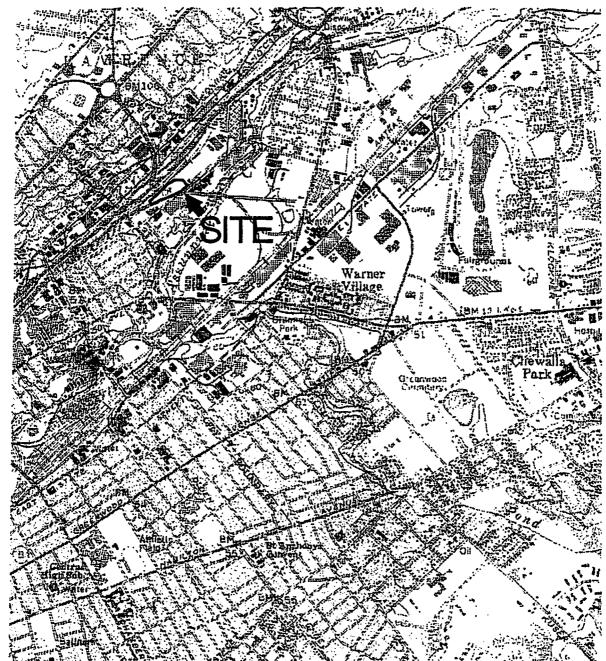
The primary exposure routes of these contaminants at the site surface are direct contact and inhalation of contaminated airborne dust. In order to eliminate these exposures, the exposed material should be capped with a minimum of 1 foot of virgin material. Following its placement, the capping material should either be seeded to prevent erosion or paved if vehicular access to the site is anticipated.

APPENDIX A

1993 Waste Removal Documents

APPENDIX B

Laboratory Analytical Report



Base map from U.S. Geological Survey Digital Raster Graphic file, Trenton East, N.J./PA 7-1/2 Quadrangle

NOTE: APPROXIMATE GEOGRAPHIC COORDINATES SITE CENTROID (NAD83 N.J. STATE-PLANE FEET): EASTING 425601, NORTHING 512315



1000 0 1000 2000 3000 4000 Feet

1 INCH = 2000 FEET

JMZ GEOLOGY

FEDERATED
METALS - TRENTON

FIGURE 1: SITE LOCATION MAP

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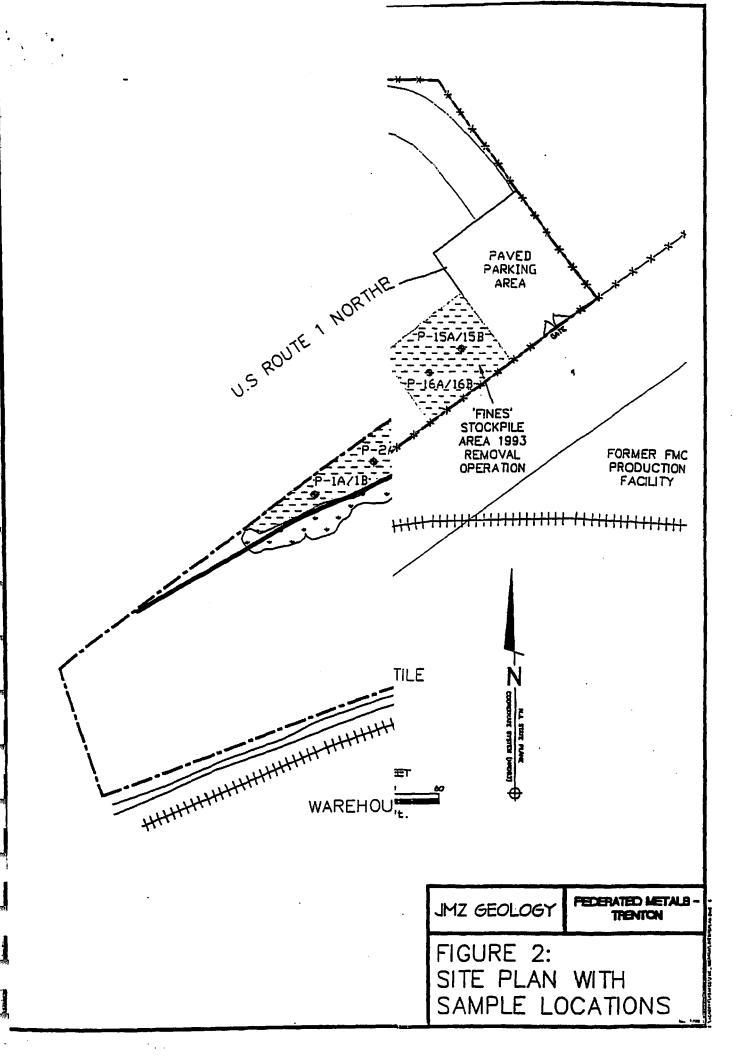


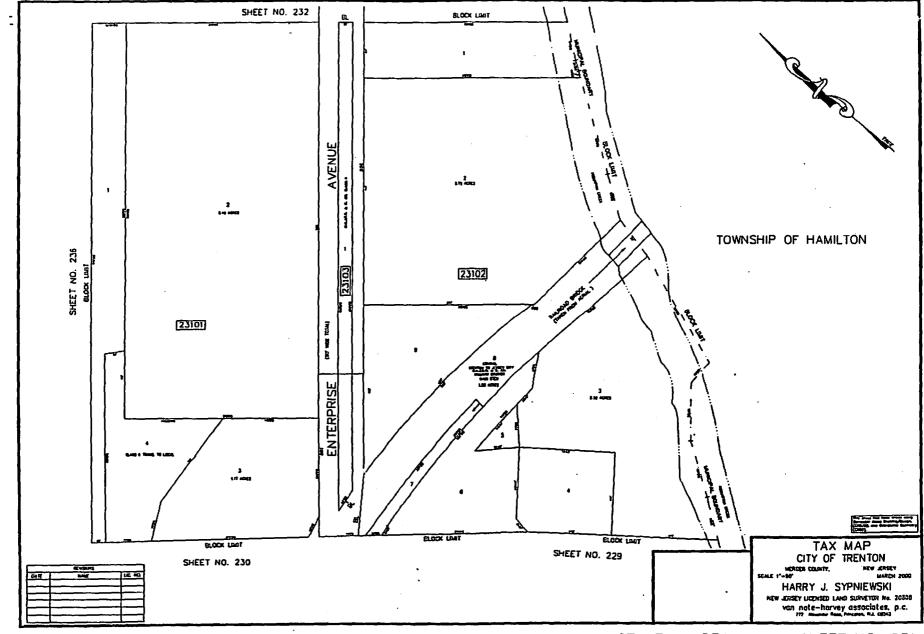
TABLE 1 - Federated Metals Corp., TranslyTical Results SUMMARY: S

SAMPLE NO.	P-1A	P-2A	P-3A	P-4/6A	STANDARD
DEPTH (ft.)	0 -0.5	0 -0.5	0 -0.5	0 -0 0.5	TOTANDARD
PARAMETERS					†
METALS					
Antimony	22.4	6.7	4.5	8.42	14
Arsenic	11	17.1	20.1	34.5	20
Beryllium	0.74	0.47	0.51	0.5	2
Cadmium	2.4	1.4	3.2	5.25	39
Chromium	23.4	45.7	42.9	1302	240*
Copper	254	171	154	2081	600
Lead	1040	494	608	9610	400
Mercury	0.4	0.79	0.92	0.98	14
Nickel	37.9	31.7	45.2	97.5	250
Selenium	2.4	2.3	3	3.78	63
Silver	0.41	0.49	0.51	1.1	110
Thallium	1.4	1.6	1.1	1.25	2
Zinc	4160	1110	1570	23000	1500

SAMPLE NO.	P-1B	P-2B	P-3B	P-45B	STANDARD
DEPTH (ft.)	1.5-2.0	1.5-2.0	1.0-1.5	1.0-1.5	TOTANDARD
PARAMETERS					
METALS					
Antimony	1.6	ND	ND	NL7	14
Arsenic	9.3	1.4	3.9	4.78	20
Lead	151	40.3	20.5	51.0	400
Thallium	ND	ND	ND	NE)	700
Zinc	356	70.1	45.7	26200	1500

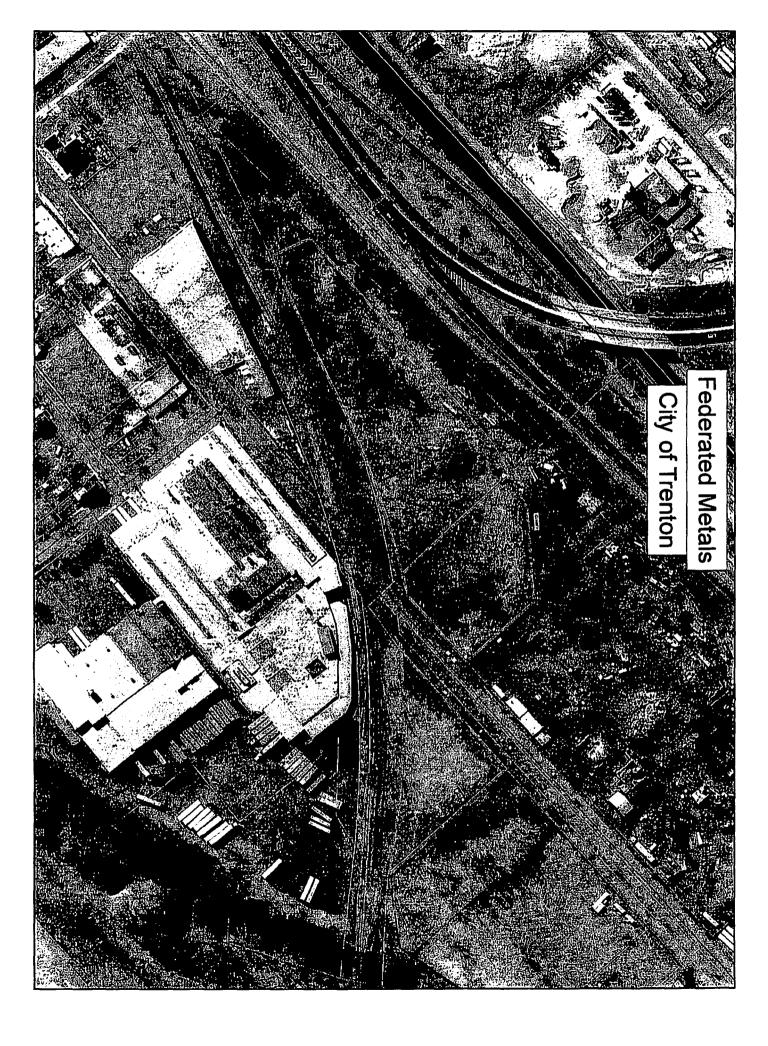
NOTES: All results and standards in mg/kg.
Standard = NJDEP Residential Direct Co
Bolded values exceed standard.

Attachment 2
Site Figures
Federated Metals site
Trenton, NJ



8TH TAX ARFA

SHEET NO 231



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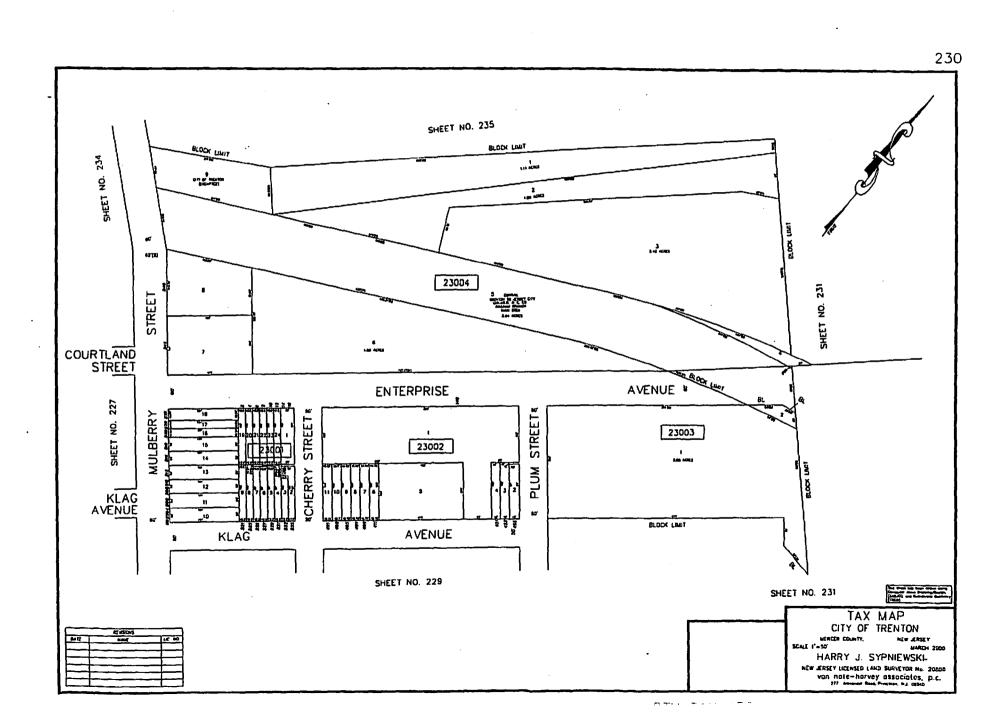
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Type of Requestor Commercial

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City Hamilton

State New Jersey

ZIP Code 08619

E-Mail Address gregc@ransomenv.com

Phone Number 609-584-0090

Fax Number 609-584-1190

Please provide the full and complete name(s) of the site(s)/facility(ies) you are inquiring about with the complete address(es).

> FORMER FEDERATED METALS FACILITY 300 & 301 ENTERPRISE AVENUE BLOCK 23102, LOT 9; BLOCK 23101, LOT 3; BLOCK 23004, LOT 3 TRENTON, MERCER COUNTY, NEW JERSEY 🐦

Many facilities are regulated under more than one federal environmental law (CAA, CWA, TSCA, RCRA, SUPR, FIFRA.) Please provide any information which will enable the agency to perform a more comprehensive record search.

Select amount you are willing to reimburse the agency for fees incurred which exceed \$25.00

\$25-\$50

\$50-\$100



U.S. Environmental Protection Agency

GO

Agency Freedom of Information Office

EPA Home > FOIA > Online Request Form

Contact Us | Print Version

FOIA From:

FOIA Contact

Submit a FOM Reduct

Reading Room

Reference Sura

Annual Report.

Reference Materials

Related Programs

EPA Resources

Related Links

Online Request Form

Search:

CAUTION: Any information you submit is not secure, and could be observed by a third party.

Electronic FOIA requests should contain the following information:

FOIA Office for your request R2 States: NJ, NY, PR, VI

Name Benjamin Diemer

Company/Organization Ransom Environmental

Type of Requestor Commercial

Mailing Address 2127 Hamilton Avenue

City Hamilton

State New Jersey

ZIP Code 08619

E-Mail Address bend@ransomenv.com

Phone Number 609-584-0090

Fax Number

Please provide the full and complete name(s) of the site(s)/facility(ies) you are inquiring about with the complete address(es).

Federated Metals 300 & 301 Enterprise Avenue Trenton, NJ 08638 Block 23102 Lot 9 Block 23101 Lot 3

÷_{4,}, .

Many facilities are regulated under more than one federal environmental law (CAA, CWA, TSCA, RCRA, SUPR, FIFRA.) Please provide any information which will enable the agency to perform a more comprehensive record search.

Select amount you are willing to reimburse the agency for fees incurred which exceed \$25.00





opra home | contact opra | njdep he





requests for access to government records

In accordance with the Public Records Act, NJDEP makes available its public records through formal requests to the Department's Office of Records Custodian. Requests may be submitted in writing by submitting a paper "records request form" or by completing the online form below.

Prior to submitting a request, it is recommended that you first take advantage of the records resources DEP currently offers on its web site, a listing of which is available on the NJDEP OPRA Home Page. Also, please read "Your Rights Under OPRA", which outlines the requirements and conditions of NJ OPRA.

Pursuant to N.J.A.C. 7:1D-3.2, the items below that are marked by a * are required for requesting Department records. By attempting to complete as many of the other form fields as possible, you will expedite your request and enable the Department to more precisely satisfy the request.

Requester Information:

First Name: Benjamin

Middle Initial:

Last Name: Diemer

Street Address 11: 2127 Hamilton Avenue

Street Address 2:

Zip Code: 08619 -

NJ RESIDENTS

City: Hamilton Twp (Hamilton Twp)

NON-NJ RESIDENTS

City*: State* (or country if not U.S.)

Select State (other than NJ)

Daytime Phone Number : 609 - 584 - 0090 Ext; 23

check if number is unlisted

Fax Number(optional):

E-mail Address (optional): bend@ransomenv.com

Affiliation/Company (optional): Ransom Environmental

Have you been convicted of any indictable offense under the laws of New Jersey or any other state of the United States? (response under penalty of N.J.S.A. 2C:28-3)*

Yes

Nο

information Regarding the Requested Records

Are you involved in litigation with NJDEP or in litigation with another entity related to the records you are requesting?"

Yes

∽ No

If your request is in reference to a facility, site or parcel of land, please provide the Municipality and County where the facility, site or parcel of land is located:

Municipality - County: Trenton City - Mercer County

Or look up OPRA data for a particular Municipality on-line:

Search sites by Municipality

Atlantic/Absecon City

If your request is in reference to a specific parcel of land, please provide the street address, block, lot and property owner of the parcel of land:

Street Address 1: 300 +301 Enterprise Avenue

Street Address 2:

Block:

Lot:

(Note: if the property in question is over multiple blocks and lots, please list all in the description field below)

> **Facility Name: Operator Name:**

If your request is in reference to a single facility, please provide the name of the facility, and the name of the operator name of the facility:

> Or look up OPRA data for a particular site, by name or partial name online:

Search by site name

Please provide the owner name the facility or parcel of land:

Owner Name:

Is your request in reference to **DEP Enforcement?** (Inspections, Investigations or **Enforcement Actions, Citizen** Complaints, Facility Notifications/Self Reporting)

Yes

No

Is your request in reference to **DEP Site Remediation?** (Underground Storage Tanks, ISRA,

Yes

Voluntary Cleanup, Superfund, Responses to Environmental Emergencies, Calls to the **Environmental Hotline**)

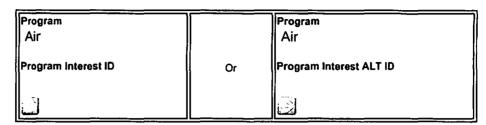
No

If the request is in reference to a particular permit issued by NJDEP, please provide the type of permit and any identifying numbers such as permit, incident or case numbers.

Type of Permit: Select One

ID Numbers:

Or look up OPRA data for a particular site by Program and ID on-line:



If your request is in reference to an individual, please provide the individual's name and type, and if the individual is a DEP employee, your relationship with the individual:

Individual:

Type: Select One

Relationship:

If the an individual was specified above, the individual was DEP Licensed, please specify the license type the individual holds:

License Type: Select One

Please describe the records sought in a way that will permit the Department to identify and locate them. To expedite your request, please be as specific as possible:

We are seeking all environmental records/permits related to the former Federated Metals property located at 300 and 301 Enterprise Avenue in Trenton, New Jersey. Block 23102 Lot

Please select how you want to access your record request information:

Access Method: Select One

Ceritfy this form by entering your **initials** in the field on the right:

Initials: BD

Privacy Disclaimer: An OPRA request for access to a government record is itself public information. Therefore, the person requesting access to the government record should be aware that the information provided on the form may be disclosed.

Submit

contact dep I privacy notice I legal statement



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region 2, 290 Broadway, 26th Floor New York, NY 10007 212-637-3668 212-637-5046 (fax) Calderon.Wanda@epa.gov

June 22, 2006

Mr. Greg Casabona Ransom Environmental 2127 Hamilton Avenue Hamilton, NJ, 08619 United States

RE: Request No: 02-RIN-01559-06

Dear Mr. Casabona,

This is to acknowledge receipt of your Freedom of Information Act (FOIA), 5 U.S.C. 552, request dated June 21, 2006 and received in this office on June 22, 2006, for records related to:

300 & 301 Enterprise Avenue in Trenton, Mercer County, NJ

The program(s) office(s) that have been assigned this request will be responding to you directly. The Agency has twenty (20) working days to respond to your request, except when you have agreed to an alternate due date or unusual circumstances exist that would require an extension of time under 5 U.S.C. 552 (a) (6) (B).

Include your FOIA request number in all subsequent communications with respect to this assignment. Additionally, for faster processing you may provide your email address.

Thank you.

Respectfully,

Wanda Calderon FOIA Specialist



COUNTY OF MERCER

OFFICE OF THE COUNTY CLERK P.O. Box 8068 Trenton, New Jersey 08650-0068



PAULA SOLLAMI-COVELLO County Clerk

Phone: 609-989-6998 Fax: 609-989-1111

May 22, 2006

Mr. Gregory A. Casabona Senior Project Manager Ransom Environmental 2127 Hamilton Ave. Hamilton, NJ 08619

RE: OPRA Request

Dear Mr. Casabona:

This office is in receipt of your recent OPRA request. Please know that this Office does not possess environmental information on County properties.

After making some inquiries, we suggest you contact the New Jersey Department of Environmental Protection who would have this information on record.

Lastly, I am enclosing an OPRA request form for Mercer County. If you should need to ever request anything under the Open Public Records Act in Mercer County, please use the attached form.

Thank you for your attention to this matter.

Very truly yours:

By: Paula Sollami-Covello, Esq.

Mercer County Clerk

C: Arthur Sypek, County Counsel

PSC: noenvironment.doc

Enclosure



COUNTY OF MERCER OFFICE OF COUNTY COUNSEL

McDADE ADMINISTRATION BUILDING 640 SOUTH BROAD STREET P.O. BOX 8068 TRENTON, NEW JERSEY 08650-0068 (609) 989-6511 (609)392-8625 Fax

BRIAN M. HUGHES COUNTY EXECUTIVE

KELVIN S. GANGES CHIEF OF STAFF TY EXECUTIVE

ANDREW A. MAIR

COUNTY ADMINISTRATOR

ARTHUR R. SYPEK, JR. COUNTY COUNSEL

May 15, 2006

Benjamin Diemer 2127 Hamilton Ave. Hamilton, NJ 08619

RE: OPRA Request-Information on Federated Metal Property

Dear Mr. Diemer:

Please be advised that we are in the process of gathering the materials/answers you requested. However, due to the nature of the request it will take in excess of the normal seven (7) day period.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Arthur R. Sypek, Jr. Mercer County Counsel

By Sarah G. Crowley Deputy County Counsel

SGC:ar



COUNTY OF MERCER OFFICE OF COUNTY COUNSEL

McDADE ADMINISTRATION BUILDING 640 SOUTH BROAD STREET P.O. BOX 8068 TRENTON, NEW JERSEY 08650-0068 (609) 989-6511 (609)392-8625 Fax

BRIAN M. HUGHES COUNTY EXECUTIVE

KELVIN S. GANGES CHIEF OF STAFF ANDREW A. MAIR COUNTY ADMINISTRATOR

ARTHUR R. SYPEK, JR. COUNTY COUNSEL

May 31, 2006

Benjamin Diemer 2127 Hamilton Ave. Hamilton, NJ 08619

RE: OPRA Request-Information on Federated Metal Property

Dear Mr. Diemer:

Please be advised that Mercer County has no information regarding the above property.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Arthur R. Sypek, Jr. Mercer County Counsel

By: Sarah G. Crowley Deputy County Counsel

SGC:ar

MEMBERS

PAUL M. PINTELLA, PRESIDENT ANNETTE H. LARTIGUE, V. PRESIDENT MILFORD BETHEA GINO A. MELONE MANUEL SEGURA CORDELIA M. STATON JOHN G. UNGRADY



ANTHONY J. CONTI CITY CLERK (609) 989-3185 FAX (609) 989-3190

319 EAST STATE STREET TRENTON, NEW JERSEY 08608

May 22, 2006

Mr. Gregory A. Casabona Ransom Environmental 2127 Hamilton Avenue Hamilton, NJ 08619

Dear Mr. Casabona,

Enclosed is the City of Trenton Government Records Request Form that must be completed with regards to the New Jersey Open Public Records Act.

When the documents are retrieved, we will notify you of the estimated cost, with arrangements for payment.

Please feel free to contact my office at (609) 989-3187 if you have any questions.

Anthony J. Conti City Clerk

AJC/hrs

encls.



Via fax and regular mail

May 23, 2006

Anthony Conti City Clerks Office 319 E State Street Trenton, New Jersey 078608

RE: Government Records Request form

Former Federated Metals Facility (Including all former occupants) 300 & 301 Enterprise Avenue Trenton New Jersey 08638 Block 23101 Lot 3 Block 23102 Lot 9

Mr. Conti:

Pursuant to your May 22, 2006 letter, attached please find the signed Government Records Request form. If you have any questions, please do not hesitate to contact me at 609-584-0090, extension 14

Sincerely,

RANSOM ENVIRONMENTAL

Gregory A Casabona Sr. Project Manager

Attachment

CITY OF TRENTON GOVERNMENT RECORDS REQUEST FORM

See Reverse Side for Important Information

Please Print
First Name Gregory MIA Last Name Casabana D.O.B. 5-6-63
Company Kanson Environmental
Mailing Address 2127 Howaldon ALIC
City Hamilton State DJ Zip O8648 Email Gray C @ Random Env. Con
Daytime Telephone: Area Code 609 Number 584-0090 Ext.
Preferred Delivery: Pick-up U. S. Mail
Certification: Under penalty of N.J.S.A. 2C:28-3, I certify that I have not been convicted of any indictable offense under the laws of this State, any other state or the United States and am not seeking government records containing personal information pertaining to the victim or the victim's family as provided by N.J.S.A. 47:1A-1, et see! Signature Date 5-23-06 Requested Information To Expedite Your Request, be as Specific as Possible All Common D. Black 23101 Long ABROCK 23107 Long All Records Pertaining To Federard Membraham Including all Scanes Coccupants.
For City of Trenton Use Only
Tracking # Est. Dosument Cost
Received Date Est. Delivery Cost Ready Date Est. Extras Cost
Total Pages Total Est. Cost
Documents Provided Deposit:
FINAL COST: Balance Due
The applicant hereby acknowledges receipt of a copy of this form with the date on which the requested
information is expected to be available and the estimated cost.

Date

FEDERATED METALS

Eastern Department

E. A. Schlotzhauer, Jr. General Manager

REGISTERED MAIL RETURN RECEIPT REQUESTED

EPA - Region II Information Service Center 26 Federal Plaza New York, New York 10007

Gentlemen:

EPA Form 8700-12 Subject:

Notification of Hazardous Waste Facility

Trenton Plant

Attached hereto is a completed and executed E.P.A. Form 8700-12 entitled "Notification of Hazardous Waste Activity" prepared in accordance with Section 3001 of the Resource Conservation Act of 1976, as amended (RCRA), and regulations promulgated pursuant thereto. The Trenton Plant is one of 6 facilities owned or operated by Federated Metals Corporation, which has or may have or rations subject to RCRA.

We realize that we are late in filing EPA Form 8700-12; however, at the time the Trenton Plant was shut down indefinitely, and we did not think it necessary to complete the forms until the plant was reopened. Due to a change in business conditions, we now feel that this plant will be reopened at an earlier date than anticipated.

Yours very truly,

E. A. Schlotzhauer, Jr.

EAS: cmf Enc.

MEMO

A1184 P.L.

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

TO	Ron Corcory, Chief, BFO(HW)		
FROM	Frank Coolick, Chief, BHWE	DATE _	0 9 APR 1983
SUBJECT_	Closure of RCRA Part A TSD Facilities		

The below listed companies have responded to the recent NOV's regarding failure to submit annual reports for TSD facilities on March 1, 1982 and/or this Bureau's recent instructions letter for annual reports due on March 1, 1983 by stating that the subject TSD activities have closed.

I would appreciate your Bureau's review of these facilities and confirmation by field inspection that a proper termination of RCRA TSD activity was implemented.

	COMPANY NAME	PART A ACTIVITY	CLOSURE DATE
1.	E. L. Beth (Perth Amboy) Middlesex County NJD067484923	SO1 (Container Storage)	5/81
2.	Federated Metals (Trenton) Mercer County NJD099097594	D80 (Landfill)	8/80
3.	Gould, Inc. (Saddle Brook) Bergen County NJD061347860	T01 (Tank Treatment)	6/82
4.	Permutit R&D Center (Princeton) Mercer County NJD097408678	S01, S02 (Container & Tar Storage)	nk 7/81
5.	Sperry Vickers Division (Springfield) Union County NJD001794486	SO1 (Container Storage)	date unknown
		F.C.	

FC:TS:jb

FEDERATED METALS bannot fund to must

November 19, 1980

EPA - Region II 26 Federal Plaza New York, New York 10007

Dear Sir:

RE: EPA Forms 3510-1 and 3510-3 RCRA Part A Permit Application Forms - Trenton Plant

Attached hereto are the completed and executed EPA Forms 3510-1 and 3510-3 which constitute Part A of EPA's Application for a Hazardous Waste Permit. These forms were prepared in accordance with Section 3001 of the Resource Conservation and Recovery Act of 1976; as amended (RCRA), and regulations promulgated thereto.

As was noted in our letter accompanying our EPA Form 8700-12 (Notification of Hazardous Waste Activity), Trenton is one of 6 facilities owned or operated by Federated Metals Corporation which has or may have operations subject to RCRA. There are numerous activities at these facilities which may be considered storage, treatment, or disposal of what may possibly be deemed to be "hazardous waste". As we explained in our previous letter accompanying EPA Form 8700-12, there are many materials, including several specifically listed in Subpart D of the regulations, which we believe are feedstock or intermediate products and, accordingly, are not a waste and consequently are not subject to being regulated as a hazardous waste.

Some months ago EPA indicated that it would issue Regulatory Interpretation Memoranda (RIMS) to clarify several of the more confusing aspects of the RCRA regulations. As you of course are aware, these long awaited RIMS have not been provided in time to provide any meaningful assistance prior to the November 19, 1980, RCRA Part A Permit Application deadline. Accordingly, although common sense and, in many instances, a rational reading of the regulations dictate that many of the materials at our facilities not even be classified as a waste (and correspondingly not to be considered storage, treatment, or disposal of hazardous waste), as a precautionary measure, and on the advice of counsel these materials have been included on the attached forms. However, consistent with the position we took with regard to our filing of the Notification of Hazardous Waste Activity Form, submission of this form by Federated Metals Corporation as well as the listing of any

substances or activity is not in any way an admission that any of the substances are either hazardous or waste, or that this facility is a generator, transporter, storer, treater, or disposer of hazardous waste. Federated Metals Corporation reserves the right to withdraw from this application any substance or substances listed, or any activity relating to such substances if such is later found not to be subject to the regulations.

We request that this letter be attached to and made a permanent part of the application forms. In addition, Federated Metals Corporation reserves the right to challenge the inclusion of certain waste on the Hazardous Waste List contained in Subpart D of the regulations.

Very truly yours,

R. A. Kenkel

President

RAK:am

Attachments

FEDERATED METALS CORPORATION TRENTON PLANT

FORM 1. GENERAL

U. S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION

E.P.A. I.D. NUMBER NJ D 002342228

X. EXISTING ENVIRONMENTAL PERMITS

E. Other

1. NJDEP - 3145

2. NJDEP 6598

3. NJDEP - 31994

Retort furnace ventilator & baghouse

Expansion of retort furnace baghouse to include melting furnace

Larvik furnace ventilation baghouse



ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY (VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

PEDERATED METALS CORPORATION
PO BOX 959
NEWARK NJ 07101

INSTALLATION ADDRESS PUTERPRISE AVENUE
TRENTON NJ 086 38

EPA Form 8700-128 (4-80)

11/25/80



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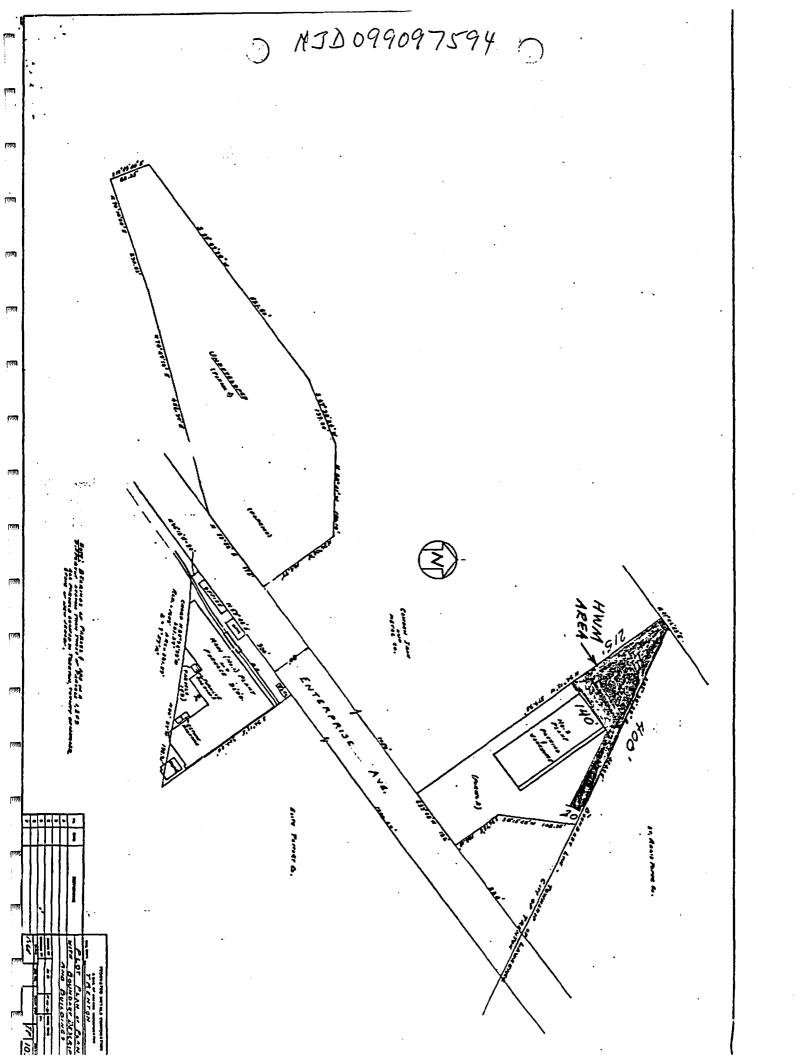
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FEDERATED METAL

NJD099097594

Eastern Department

E. A. Schlotzhauer, Jr. General Manager

February 27, 1981

Permits Administration Branch
U. S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10278

Gentlemen:

Subject: NJ D002342228, ASARCO Incorporated Enterprise Avenue, Trenton, N.J. 08606

Gentlemen:

We are in receipt of your letter dated February 9, 1981 advising that you have not received notification of the handling of hazardous waste by our plant in Trenton, N.J.

The EPA Form 8700-12, using the reference number NJ D002342228 was sent to your office on November 5, 1980, with the return receipt indicating that you received it on November 7, 1980. Your acknowledgement, EPA Form 8700-12A (4-80), was returned to us; however, a new EPA I.D. number was printed thereon; namely, NJ D099097594. Our company name on this acknowledgement was changed from ASARCO Incorporated (of which we are a wholly owned subsidiary) to Federated Metals Corporation, which was used on our filing form.

We trust that this information will clarify your records and allow you to verify the fact that we did file prior to the deadline date of October 14, 1980.

Yours very truly,

E. A. Schlotzhauer,

EAS: cmf

PAB HAR 1 ENTION ENVIRON AGENTY, 10007

A subsidiary of



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT 32 E. Hanover St., CN 027, Trenton, N.J. 08625

JACK STANTON DIRECTOR LINO F. PEREIRA
DEPUTY DIRECTOR

February 16, 198

FEDERATED METALS CORP TRENTON P E A SCHLOTZHAUER, GEN MGR PO BOX 959 NEWARK, NJ 07101

TRENDN 10 F

RE: TSD ANNUAL REPORT NJD099097594

Dear Sir:

As a result of the information included in your company's RCRA Part A submittal to the USEPA, Region II, or New Jersey Part A Hazardous Waste Permit Application, your hazardous waste activities have been classified as a TSD (Treatment, Storage or Disposal) facility. Pursuant to N.J.A.C. 7:26-7.6(f)2, the owner or operator of each TSD facility must prepare and submit two copies of an annual report to the Department by March 1 of each year. Therefore your company is required, by March 1, 1983, to submit a TSD Annual Report, covering the calendar year 1982, for the above-referenced facility. If you need additional time to complete this report, please contact this office as soon as possible.

The minimum requirements for the TSD Annual Report are attached along with instructions on how to complete it. Also enclosed are instructions on how to be delisted from the TSD status. Please note that this report is different and separate from the Generator's Annual Report referred to in N.J.A.C. 7:26-7.4(g).

TSD Annual Reports should be submitted to:

Frank Coolick, Chief Bureau of Hazardous Waste Engineering 32 East Hanover Street Trenton, NJ 08625

If you have any questions, please call the Bureau of Hazard-ous Waste Engineering at (609) 292-9880.

Very truly yours,

Frank Coolick, Chief

Bureau of Hazardous Waste Engineering

New Jersey Is An Equal Opportunity Employer

FC:EK:jb

FEDERATED METAL



Eastern Department

October 5, 1983

Mr. Garrett Smith Chief, RCRA Compliance Section United States Environmental Protection Agency Region II 26 Federal Plaza New York, N.Y. 10278

> Re: Federated Metals Trenton Plant I.D. No. NJD099097594 Request for Information, dated Sept. 1, 1983

Dear Mr. Smith,

In accordance with your phone discussion of even date with Mr. James L. Woods of our New York office, regarding the above referenced request for closure and post-closure plans and costs, we wish to confirm as follows.

The Trenton plant has not operated since August 29, 1980; with all hazardous materials subsequently being shipped from the site for recovery. It was declared permanently closed on December 31, 1982, and listed for sale. We therefore responded to a letter from the Director of Enforcement Division at your office on February 18, 1983, requesting that our Trenton facility be withdrawn from interim status under RCRA. A copy of this letter is attached for your consideration.

REW YORK, M.Y. 1000T

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Figeon' General Manager Eastern Department

A subsidiary of

POPERATED METALS

Eastern Department

E. A. Schlotzhauer, Jr. General Manager

January 5, 1983

U.S. EPA Region II
Permits Administration Branch
Room 432 2PM-P A-H
26 Federal Plaza
New York, N.Y. 10007

Gentlemen:

Enclosed herewith are the Generator and Facility Annual Hazardous Waste Reports for our Plant in Trenton, New Jersey.

The Plant ceased operations permanently on August 29, 1980; however, the reports are submitted since we stored and made a final shipment of material in 1981.

Very truly yours,

E.A. Schlotznauer, Jr

General Manager

Eastern Department

EAS/kc

ASARCO

ASARCO Incorporated LEGAL DEPARTMENT

120 BROADWAY, NEW YORK, N. Y. 10271

TELEPHONE (212) 669-1000 CABLE: SMELTERS

L. WOODS

ASSISTANT GENERAL COUNSEL

February 18, 1983

DIRECT DIAL (212) 669-1430

United States Environmntal
Protection Agency
Region II
Director, Enforcement Division
26 Federal Plaza
New York, New York 10007

Re: Federated Metals Trenton Plant EPA I.D. No. NJD099097594

Dear Sir:

Federated Metals Corporation, a wholly owned subsidiary of ASARCO Incorporated recently received from your Agency an undated, unsigned letter notifying it that it is in violation of 40 C.F.R. Sections 265.143 and 265.147 in that the facility had failed to establish financial assurance for closure of the facility as well as for post closure monitoring and had failed to establish financial responsibility for bodily injury and property damage to third parties caused by sudden accidental occurrences arising from operations of the facility.

The Trenton facility permanently ceased operations on August 29, 1980 and generated no further wastes after that date. In 1981 the remaining materials at the facility were shipped to third parties for recovery of metal values. These materials are thus not hazardous wastes by reason of the fact that they were recycled. On January 6, 1983, you were notified that the plant had ceased operations permanently on August 29, 1980. Attached is a copy of that notification.

Therefore, since the facility has not operated since August 29, 1980 and no hazardous waste are currently on site or have been on site since that date, with the exception of materials subject to exemption because of the recycling provisions of the regulations, and since no materials that could be considered hazardous remain on the site, it is our position that it is unnecessary to comply with 40 C.F.R. Sections 265.143 and 265.147.

United States Environmental Protection Agency Page 2 February 18, 1983

Therefore, Federated Metals Corporation requests that your records be corrected to indicate that the facility is currently closed and in fact has not operated since August 29, 1980. In order to avoid further issues with respect to the application of RCRA to this facility, Federated Metals Corporation further request that its application for interim status be withdrawn.

Very truly yours

James L. Woods

JLW: pct

Attachment

FEDERATED METALS

Eastern Department

March 1, 1983

Mr. Frank Coolick, Chief Bureau of Hazardous Waste Engineering N.J. Department of Environmental Protection 32 East Hanover Street Trenton, N.J. 08625

TDS Annual Report - NJD099097594

Dear Mr. Coolick:

With reference to your letter on the 1982 TSD annual report, dated February 16, 1983, we request that our Trenton Plant having the above EPA I.D. No. be removed from classification as a TSD interim status facility on the following basis.

This facility has not operated since August 29, 1980, and no hazardous waste are currently on site, the last such having been shipped to third parties for recovery of metal values, on N.J. manifests, in 1981; and it is our opinion that these materials are therefore not 'hazardous wastes' as defined by the regulations. is our companies position that it is no longer necessary to comply with 40 CFR Secs. 265.143 and 265.147, and we have requested of the USEPA that this facilities application for interim status under RCRA be withdrawn. Attached is a copy of our letter of request to the EPA.

Very truly yours,

Lowoge

K. Savage

Regional Engineer

Eastern Department

Attach:

KS/kc

22 - 7 Pe.

ASARCO

ASARCO Incorporated LEGAL DEPARTMENT

120 BROADWAY, NEW YORK, N.Y. 10271 TELEPHONE (212) 669-1000

CABLE: SMELTERS

JAMES L. WOODS
ASSISTANT GENERAL COUNSEL

February 18, 1983

DIRECT DIAL (212) 669-1430

United States Environmntal
Protection Agency
Region II
Director, Enforcement Division
26 Federal Plaza
New York, New York 10007

Re: Federated Metals Trenton Plant EPA I.D. No. NJD099097594

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United States Environmental Protection Agency Page 2 February 18, 1983

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James L. Woods

JLW:pct

Attachment

L'EDERATED METALS

Eastern Department

E. A. Schlotzhauer, Jr. General Manager

January 6, 1983

U.S. EPA Region II
Permits Administration Branch
Room 432 2PM-P A-H
26 Federal Plaza
New York, N.Y. 10007

Gentlemen:

Enclosed herewith are the Generator and Facility Annual Hazardous Waste Reports for our Plant in Trenton, New Jersey.

The Plant ceased operations permanently on August 29, 1980; however, the reports are submitted since we stored and made a final shipment of material in 1981.

Very truly yours,

E.A. Schlotznauer, Jr

General Manager

Eastern Department

EAS/kc

CENIA



NJ Department of Environmental Protection Division of Water Resources Bureau of Groundwater Discharge Permits CN 029 Trenton, NJ 08625

Attn: Mr. Karl Vetter

Re: Federated Metals Corporation, Trenton Plant

EPA ID No. NJD099097594

Dear Mr. Vetter:

We are in receipt of your note of 6/22/84 forwarding Mr. John J. Trela's letter of February 21, 1984, which had originally gone to our Trenton address.

The status of our Trenton plant with respect to the RCRA Program is that we filed EPA Notification Form 8700-12 and Part A RCRA in 1980 and received an Interim Status Compliance Letter in April 1981. Operations had already ceased on August 29, 1980. All of the zinc skims and residues which remained at the facility were shipped in August 1981 to a third party for metal recovery. These went out on NJ manifest forms although the material was considered non-hazardous in that it was being recycled. Mr. Michael A. Nalbone of the NJDEP Solid Waste Administration followed this transaction and inspected the site upon completion.

As a result of the above sequence, ground water monitoring wells were not installed in November 1981.

On February 18, 1983 a letter was sent to the Director, Enforcement Division USEPA Region II by Mr. James L. Woods of our ASARCO, Incorporated Legal Department, requesting that the Trenton plant's application for interim status under RCRA be withdrawn. In addition, this office responded on October 5, 1983 to a request for closure and post closure plans and costs from Mr. Garrett Smith, Chief, RCRA Compliance Section of Region II advising of our withdrawal request.

Copies of the above referenced correspondence is enclosed, as requested. Since the State of New Jersey has had Phase I Interim Authorization for its hazardous waste program under RCRA since February 2, 1983; we presume that our status will be resolved with your Department instead of the USEPA. Should you require further information, please advise.

Very truly yours

J.J. Pigeon General Manager Eastern Department

JJP/dem

bcc: RAKenkel JLWoods WOHart KSavage, MOVarner

Eastern Department

October 5, 1983

Mr. Garrett Smith Chief, RCRA Compliance Section United States Environmental Protection Agency Region II .26 Federal Plaza New York, N.Y. 10278

> Re: Federated Metals Trenton Plant EPA I.D. No. NJD099097594 Request for Information, dated Sept. 1, 1983

Dear Mr. Smith,

In accordance with your phone discussion of even date with Mr. James L. Woods of our New York office, regarding the above referenced request for closure and post-closure plans and costs, we wish to confirm as follows.

The Trenton plant has not operated since August 29, 1980; with all hazardous materials subsequently being shipped from the site for recovery. It was declared permanently closed on December 31, 1982, and listed for sale. We therefore responded to a letter from the Director of Enforcement Division at your office on February 18, 1983, requesting that our Trenton facility be withdrawn from interim status under RCRA. A copy of this letter is attached for your consideration,

BCC: R.A. Kenkel w/attach

ment

J.L. Woods

K. Savagey

M.O. Varner

J.Figeon General Manager

Eastern Department

ASARCO

ASARCO Incorporated LEGAL DEPARTMENT

120 BROADWAY, NEW YORK, N.Y. 10271

TELEPHONE (212) 669-1000 CABLE SMELTERS

JAMES L. WOODS

February 18, 1983

DIRECT DIAL (212) 669-1430

United States Environmntal
Protection Agency
Region II
Director, Enforcement Division
26 Federal Plaza
New York, New York 10007

Re: Federated Metals Trenton Plant EPA I.D. No. NJD099097594

Dear Sir:

Federated Metals Corporation, a wholly owned subsidiary of ASARCO Incorporated recently received from your Agency an undated, unsigned letter notifying it that it is in violation of 40 C.F.R. Sections 265.143 and 265.147 in that the facility had failed to establish financial assurance for closure of the facility as well as for post closure monitoring and had failed to establish financial responsibility for bodily injury and property damage to third parties caused by sudden accidental occurrences arising from operations of the facility.

The Trenton facility permanently ceased operations on August 29, 1980 and generated no further wastes after that date. In 1981 the remaining materials at the facility were shipped to third parties for recovery of metal values. These materials are thus not hazardous wastes by reason of the fact that they were recycled. On January 6, 1983, you were notified that the plant had ceased operations permanently on August 29, 1980. Attached is a copy of that notification.

Therefore, since the facility has not operated since August 29, 1980 and no hazardous waste are currently on site or have been on site since that date, with the exception of materials subject to exemption because of the recycling provisions of the regulations, and since no materials that could be considered hazardous remain on the site, it is our position that it is unnecessary to comply with 40 C.F.R. Sections 265.143 and 265.147.

United States Environmental Protection Agency Page 2 February 18, 1983

Therefore, Federated Metals Corporation requests that your records be corrected to indicate that the facility is currently closed and in fact has not operated since August 29, 1980. In order to avoid further issues with respect to the application of RCRA to this facility, Federated Metals Corporation further request that its application for interim status be withdrawn.

Very truly yours.

James L. Woods

JLW:pct

Attachment

bcc: R. A. Kenkel

K. Savage

J. J. Pigeon

M. O. Varner



State of New Jersey

JOHN W GASTON JR., P.E. DIRECTOR

DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER RESOURCES

CN 029 TRENTON, NEW JERSEY 08625 DIRK C HOFMAN, P.E. DEPUTY DIRECTOR

FEB 2 1 1984

E.A. Schlotzhauer, General Manager Federated Metals Corp. Trenton Plant Enterprise Ave. Trenton, N.J. 08638

CERTIFIED MAIL RETURN RECEAL CREQUESTED

Dear Schlotzhauer:

This letter is intended to outline your interim status hazardous waste ground water monitoring responsibilities under the RCRA and NJPDES programs. The State of New Jersey was granted Phase I Interim Authorization for its hazardous waste program under Subtitle C of the Resources Conservation and Recovery Act (RCRA) of 1976. The effective date of this authorization was February 2, 1983. Notice of this appeared in Vol. 48, No. 23 of the Federal Register on February 2, 1983 pages 4661 through 4663. The effect of Phase I Authorization is that generators, transporters and owners and operators of hazardous waste facilities with interim status in New Jersey will be subject to the State of New Jersey's Phase I hazardous waste program in lieu of Phase I of the federal hazardous waste program (40 CFR Part 260-263 and 265).

As a result, the Division of Water Resources of the New Jersey Department of Environmental Protection has been delegated the responsibility to insure that all hazardous waste facilities that have filed a RCRA Part A application with the United States Environmental Protection Agency declaring that the facility has a regulated unit (i.e. Surface Impoundment, Landfarm, Landfill, Waste Pile), be in compliance with the ground water monitoring requirements of the State's hazardous waste and NJPDES programs. Our Bureau (Bureau of Ground Water Discharge Permits) is now developing a tracking and This Bureau has filing system for applicable industrial operations. been informed by the USEPA that your facility has filed a Part A application stating that one or more of the above stated regulated units are in operation at the facility and would be required to have a NJPDES/Discharge to Ground Water permit. As of February 2, 1983 all facilities with interim status must send all ground water monitoring reports previously required under 40 CFR Part 265, Subpart F to the Division of Water Resources, Bureau of Ground Water

Discharge Permits, including: (1) ongoing ground water monitoring; (2) notifications required under the ground water quality assessment program; (3) notification and description of the alternative program ground water monitoring system (if the facility requests an alternative system); and (4) any other required correspondence concerning ground water quality.

The following information must also be submitted to the Bureau:

- Quarterly reports that were generated by the facility during the first year of ground water monitoring as required under 40 CFR Part 265.92. This should include the initial background arithmetic mean and variance for each indicator parameter for each well as specified under 40 CFR 265.92(c)(3). For all existing facilities, this information had to be compiled starting November 19, 1981.
- 2) A map showing the location of all hazardous waste management units requiring ground water monitoring including the location of all ground water monitoring wells, identifying all upgradient and downgradient wells.
- If your facility has been dealing with the Division of Water Resources' Enforcement Element, copies of all ground water related correspondence sent to that office must be submitted to our Bureau.
- If your facility has been delisted from all RCRA ground water monitoring requirements, you must submit proof of this to our Bureau. This includes copies of the correspondence from the agency that has delisted your facility (i.e. USEPA, etc.).
- If your facility is requesting delisting, this Bureau must be informed as to why your facility is requesting this action and what agency is handling the request.
 - If your facility has requested or is requesting a revision to the facility's Part A application, this Bureau must also be notified.
- If your facility is in closure, had a closure or is planning a closure of a regulated unit, this Bureau must be notified as to what was closed or will be closed along with copies of any correspondence dealing with these matters. This includes submission of closure plans, descriptions of how the regulated unit(s) were closed and certification of closure. Please be advised that Departmental approval is required prior to closure of any hazardous waste land disposal unit.
- As of January 3, 1984, N.J.A.C. 7:26-9.2 prohibits waste piles for the storage of hazardous waste. If your facility has filed for, or has an existing waste pile for the storage of hazardous waste, then you must submit a closure plan including a ground water monitoring program for Departmental approval. Failure to close the waste pile will result in the initiation of enforcement action by the Division. Upon approval of the closure p and by the Department, our Bureau may issue your facility a NJPDES menitoring permit, which will contain closure conditions.

Within thirty (30) days of receipt of this letter all of the above applicable information must be sent to:

N.J. Department of Environmental Protection Division of Water Resources Bureau of Ground Water Discharge Permits CN 029 Trenton, New Jersey 08625 ATTN: Karl Vetter

Failure to provide the above information and reports within the time specified may result in the initiation of enforcement action by this Department and may subject you to substantial monetary and criminal penalties under applicable state laws. Specifically, the New Jersey Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) provides that any person who violates that Act is subject to a civil penalty not to exceed \$10,000 per day of such violation and any person who willfully or negligently violates that Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both. Please also be advised that the Bureau of Ground Water Discharge Permits may require that your facility receive an initial interim NJPDES monitoring permit to bring your ground water monitoring requirements mand additional operational requirements under the NJPDES program.

If you have any questions concerning this matter, please do not hesitate to contact the Land Application of Wastewater Section at 609) 292-0424.

Very truly yours,

John J. Viela

John J. Trela, Chief

Bureau of Ground Water Discharge Permits

QM137-A/RMS3:fmm

163 MADISON AVENUE

CN 1945

MORRISTOWN, NEW JERSEY 07960-1945

MORRISTOWN (201) 267-3333 IEEE0-856 (SIS) 9804 WBM

TELEV GAZOM TELECOPIER (201) 267-3727

NEWARK OFFICE 33 WASHINGTON STREET NEWARK, NEW JERSEY 07/02

WRITER'S DIRECT DIAL NUMBER (201) 631- 4843

ELIZABETH M. CALLAGHAN SCOTT K. GOODELL SEAN R. KELLY HENRY NELSON MASSEY PATRICIA A. PICKREL DAVID F. SALVAGGIO WILLIAM P. SHELLEY JAMES H. FOSTER DAVID G. HARDIN DENNIS T. KEARNEY JANICE MONTANA H. GLENN TUCKER KATHERINE S. ABRAMS LIGERIE P. BURNS ROBERT W. IHNE BETTY ANN MCWILLIAMS BARBARA A. MOORE KENNETH J. NORCBOSS CHARLES QUINN ROBERT A. RECIO EVELYN R. STORCH CYNTHIA H. AUGUSTINE DONALD W. KIEL

PETER MICHAEL LAUGHLIN CYNTHIA B. LUPO MARIE D. NARDINO JOHN K. SKRYPAK LORI J. BRAENDER ROBERT F. COSSOLINI MARGARET GIG CLARK JULIANNE FLACH SOWINSKI JOHN G. GEPPERT, JR STEPHEN V. GIMIGLIANO BARRY S. KAPLAN KEVIN F. KOSTYN MICHAEL KURAK KATHY A. LAWLER YVONNE MARCUSE HARRIETT JANE OLSON JOHN M. PELLECCHIA ELIZABETH J. SHER LLOYD H. TUBMAN VALERIE J. BAUMANN ERNEST J. CICCONI MARIE N. JACKSON CLIFFORD R. LUNDIN DAVID NIU KENNETH E. THOMPSON

March 21, 1985

Mr. Frank Coolick, Chief Bureau of Hazardous Waste Engineering Division of Waste Management Department of Environmental Protection 32 East Hanover Street CN 028 Trenton, New Jersey 08625

> Federated Metals--Trenton, New Jersey I.D. No. NJD099097594

Dear Mr. Coolick:

ROBERT P. HAZLEHURST,
JOHN BARKER
CHARLES R. HARDIN, JR.
ROGER C. WARD
JAMES C. PITNEY
WILLIAM D. HARDIN
CLYDE A. SZUCH
S. JOSEPH FORTUNATO
DAVID J. CONNOLLY, JR.
WILLIAM H. HYATT, JR.
LAWRENCE F. REILLY
MURRAY J. LAULICHT
EDWARD P. LYNCH
GERALD C. NEARY
JOSEPH LUNIN
RICHARD L. PLOTKIN

JOSEPH LUNIN
RICHARD L. PLOTKIN
TIMOTHY R. GREINER
ROBERT L. HOLLINGSHEAD
FREDERICK L. WHITMER
GREGORY C. PARLIMAN
ROBERT G. ROSE
JOSEPH H. KOTT
MARY LOU PARKER

PAUL E. GRAHAM , J. MICHAEL NOLAN, JR. WARREN J. CASEY KEVIN J. O'DONNELL

GLENN C. GEIGER DENNIS R. LA FIURA

ROBERT P. HAZLEHURST, JR.

Please be advised that this office represents Federated Metals Corporation. In 1980, Federated submitted a notification to EPA-Region II that its Trenton, New Jersey plant was engaged in the treatment storage or disposal of hazardous waste. this notification, Federated acknowledged that it was to regulation under the Federal Resource Conservation and Recovery Act (RCRA). Federated subsequently ceased all operations on the site on August 29, 1980. Although, all operations had ceased hazardous substances were still present on the site. In light of the continued presence of these hazardous substances, Federated in November of 1980 filed a Part A application with EPA-Region All materials and residues which remained at the facility were removed in August of 1981 and sent to a third party for metal recovery. These materials were shipped on New Jersey manifest forms although the material was considered non-hazardous in that it was being recycled. A Mr. Michael A. Nalbone of the NJDEP Solid Waste Administration followed this transaction and inspected the site upon completion.

Mr. FrankCoolick Page 2 March 21, 1985

On several occasions in the past Federated has notified both EPA Region II and NJDEP that all operations had been terminated at the site and all waste had been removed. Although Federated requested that its identification number and application be placed in a deleted status, we understand that your department still continues to list Federated as an active treatment, storage or disposal works which is subject to departmental regulation.

Federated is now considering sale of the site. In light of our current status under the hazardous waste regulations, we have in fact taken steps in conformance with N.J.A.C. 7:26-9.4(a)2 to notify the proposed new owner of the facility. If possible, we would request that your office consider deleting our application from active status and modifying your records to reflect that the facility is closed and all hazardous waste has been removed. We would appreciate any guidance you could provide us on a procedural mechanism which must be followed in order to delete this application. To assist you, enclosed you will find a copy of all relevant correspondence between Federated and EPA-Region II and NJDEP.

If you have any questions concerning this matter, please contact me at 201-631-4843.

Very truly yours,

Clifford R. Lundin

CRL/dt

163 MADISON AVENUE CN 1945

MORRISTOWN, NEW JERSEY 07960-1945

MORRISTOWN (201) 267-3333 NEW YORK (212) 926-0331

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WRITER'S DIRECT DIAL NUMBER (201) 631- 4857

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June 29, 1985

Mr. Frank Coolick Chief, Bureau of Hazardous Waste Engineering Division of Waste Management Department of Environmental Protection 8 East Hanover Street, CN 028 Trenton, New Jersey 08625

Federated Metals Trenton Plant

ID #NJD099097594

Dear Mr. Coolick:

ROBERT P. HAZLEHURST. JE
JOHN BARKER
CHARLES R. HARDIN, JR.
ROGER C. WARD
JAMES C. PITNEY
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WARREN J. CASEY
KEVIN J. O'DONNELL

GLENN C. GEIGER DENNIS R. LA FIURA

1997

ROBERT P. HAZLEHURST, JR.

This letter is a formal request that you approve the delisting of the above-referenced facility. As the file in this matter will reveal, Federated Metals ceased its operations on the referenced site in August of 1980. However, in an excess of caution, Federated filed both the notice and the Part A application as is if it were subject to regulation under the Federal Resource Conservation and Recovery Act (RCRA). Because the site is closed and no operations are being conducted there, no Part B application was ever filed.

After reviewing the file in this matter it is our determination, and the opinion of our client, Federated Metals, that the RCRA filings made in 1980 were undertaken in error. The Federated Trenton plant did not come within the definition TSD at the time the filings were made. Consequently, no "closure plan" should be required for this site.

Mr. Frank Coolick June 29, 1985 Page 2

In a telephone conversation with Mr. William Crom of your office on June 28, 1985, we learned that your files contain no formal request for delisting. Please process this letter as such a formal request, and initiate the delisting procedure.

If you need any further information, or have any question regarding this matter, please feel free to contact either me or Cliff Lundin at this office.

Very truly yours,

HARRIETT JANE OLSON

HJO:io 25250/45708

cc: V. Jounadet

W. Hart

K. Savage

J. Pigeon



State of New Jerseu DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT 32 E. Hanover St., CN 028, Trenton, N.J. 08625

DR. MARWAN M. SADAT, P.E. DIRECTOR

1 D JUN 1985

633-7441

LINO F. PEREIRA, P.E. DEPUTY DIRECTOR

MEMORANDUM

m:

Anthony J. McMahon, Chief

Bureau of Industrial Site Evaluation

FROM:

Frank Coolick, Chief

Bureau of Hazardous Waste Engineering

SUBJECT:

Closure of Hazardous Waste Facility

Federated Metals Corporation

Enterprise Avenue

Trenton, NJ

EPA ID NO. NJD 099 097 594

Attached is a report of a site visit by Jeffrey Colish, of this Bureau, to this facility, which appears to have closed without having completed the necessary formalities, an approved closure plan and soil sampling & analysis.

Before proceeding to obtain this information, the Bureau needs to know whether the owner has any cleanup responsibilities under ECRA.

Jane Teneyck Laye no file says 10: file (They have all) for Newark) We would appreciate your prompt response on this matter.

EP49:1k Attachment

New Jersey Is An Equal Opportunity Employer

skone of Kon Javage 101-589-0500

MEMO

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

то	File	<u> </u>		DATE	5/24/85
FROM	Jeffrey Colish	<u>U.C.</u>			
SUBJECT.	Site Visit at the	Hazardous	Waste Facility of	Federated Metals	Corporation,
	Trenton, NJ, EPA I	D NO. NJD	099 097 594		

On Wednesday, May 1, 1985, Jeffrey Colish visited the above referenced facility in order to determine what closure/post-closure requirements, if any, would be necessary before the facility could be delisted from TSD facility status.

The original RCRA Part A application filed with the USEPA in November, 1980 listed a hazardous waste disposal landfill (D8O) of 4.0 acre-feet. The Part A application listed the estimated annual quantity of hazardous waste disposed in the landfill as 315 tons of waste type D008 (lead).

The referenced facility was engaged in the refining of secondary metals (scrape zinc, die castings, etc.) to produce metallic zinc dust by the distillation process. The facility ceased operations on August 29, 1980.

Jeffrey Colish met with Mr. Ken Savage, Environmental Engineer for Federated Metals Corporation. Mr. Savage gave a tour of the following facilities:

1. Old D80 Area - located in back and along one side of plant #2 (see attached site plan from original Part A). This area was used to manage zinc skimmings generated by the production of metallic zinc dust. Mr. Savage indicated that the following was a typical analysis of the zinc skimmings:

Zinc Skimmings

Zinc	60-70%
Aluminum	3-7
Lead	1-3
Iron.	2-6
Copper	0.5
Chlorine	0.2

The above analysis indicates that the zinc skimmings may be hazardous due to the lead concentration. The referenced facility said that the zinc skimmings were removed from the site in August, 1981 and the entire area was graded. A computer check of the manifest records indicated that the referenced facility made 10 shipments, totaling 896,834 tons, of waste type DOO8 (lead) during July and August, 1981.

2. Plant #2 - this building was used as a warehouse and packing area and is currently empty except for an old oil-fired z == selting kettle. The concrete floor is covered with zinc dust, which == be vacuumed up by a zinc reclaimer before the site is sold.

- 3. Plant #1 this building was used to produce metallic zinc dust and contains the following process equipment:
 - a. Screening/sizing apparatus for metal dusts
 - b. two electric furnances
 - eight oil fired crucibles
 - d. cyclones and other associated dust collection equipment

Again, the concrete floor is covered with zinc dust and will be swept/vacu-umed by a zinc reclaimer.

Comments

1. Mr. Savage said the plant #1 location had an NJPDES regulated outfall for rain water runoff into the Assumpink Creek.

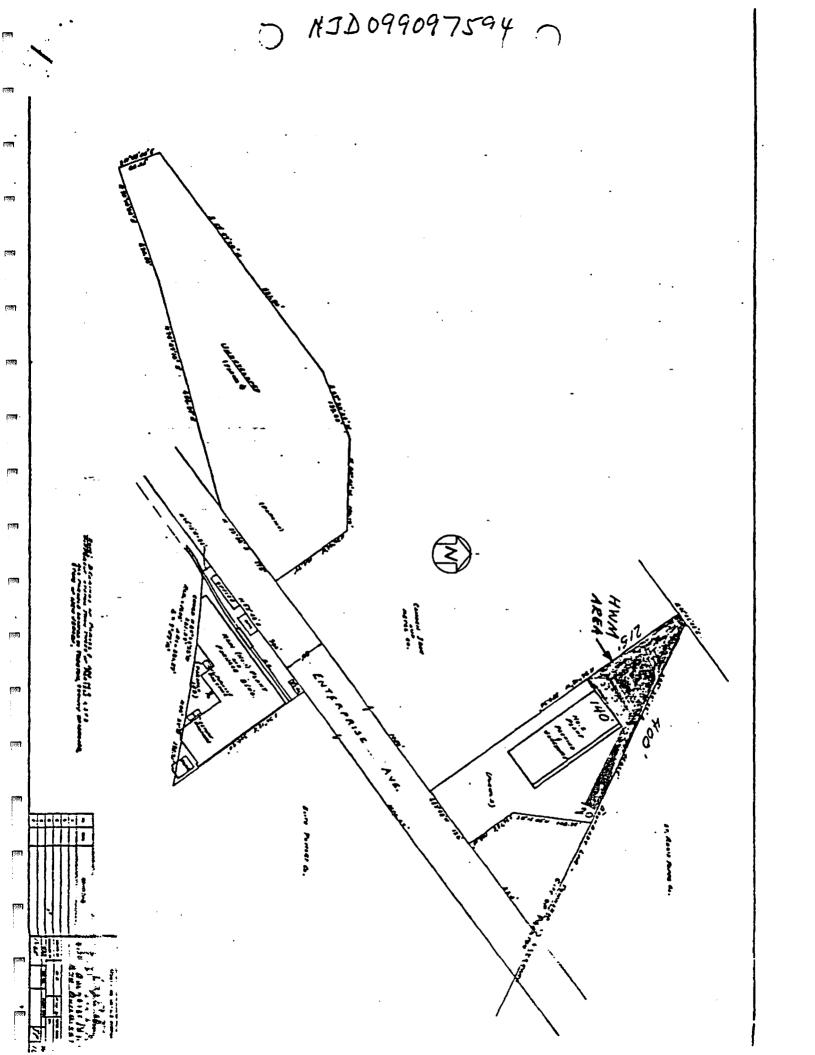
Recent samples of the runoff failed to meet the NJPDES permit conditions due to elevated lead levels.

- 2. On April 1, 1985, Jeffrey Colish contacted DWR personnel regarding closure of the landfill at the referenced facility and whether the DWR would have any closure or post-closure requirements for this site. The DWR responded that they had no closure/post-closure requirements for the referenced facility.
- 3. In April, 1985, Jeffrey Colish contacted Mr. Mike Nalbone, who had inspected the site in 1981, and asked if he considered the landfill at the referenced facility to be properly closed. Mr. Nalbone responded that he felt the landfill had been properly closed.
- 4. On March 27, 1985, Jeffrey Colish contacted Mr. Clifford R. Lundin, attorney for the referenced facility. Mr. Lundin indicated that he felt the referenced facility was not subject to the requirements of ECRA because the facility had ceased operations and closed prior to the effective date of ECRA (December 31, 1983).

However, if hazardous substances or wastes remain on the site in a storage vessel, surface impoundment, <u>landfill</u> or another type of storage facility, even though the property was sold or closed before December 31, 1983, the operation is considered ongoing by the DEP under ECRA and, therefore, all prior operations become subject to review under the ECRA legislation.

Recommendations

- The site of the old landfill should be sampled for soil contamination. If soil contamination is found, then the referenced facility should submit a plan detailing how the landfill will be properly closed:
 - a. Capped as a landfill. This method should include ground water monitoring and 30 year post-closure care.
 - b. Excavation of the contaminated so:
- 2. The Bureau of Industrial Site Evaluation could be contacted to inquire if the facility has any cleanup responsit the sunder ECRA.



ph-e of Kan Savoge 201-589-0500

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NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

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The original RCRA Part A application filed with the USEPA in November, 1980 listed a hazardous waste disposal landfill (D80) of 4.0 acre-feet. The Part A application listed the estimated annual quantity of hazardous waste disposed in the landfill as 315 tons of waste type D008 (lead).

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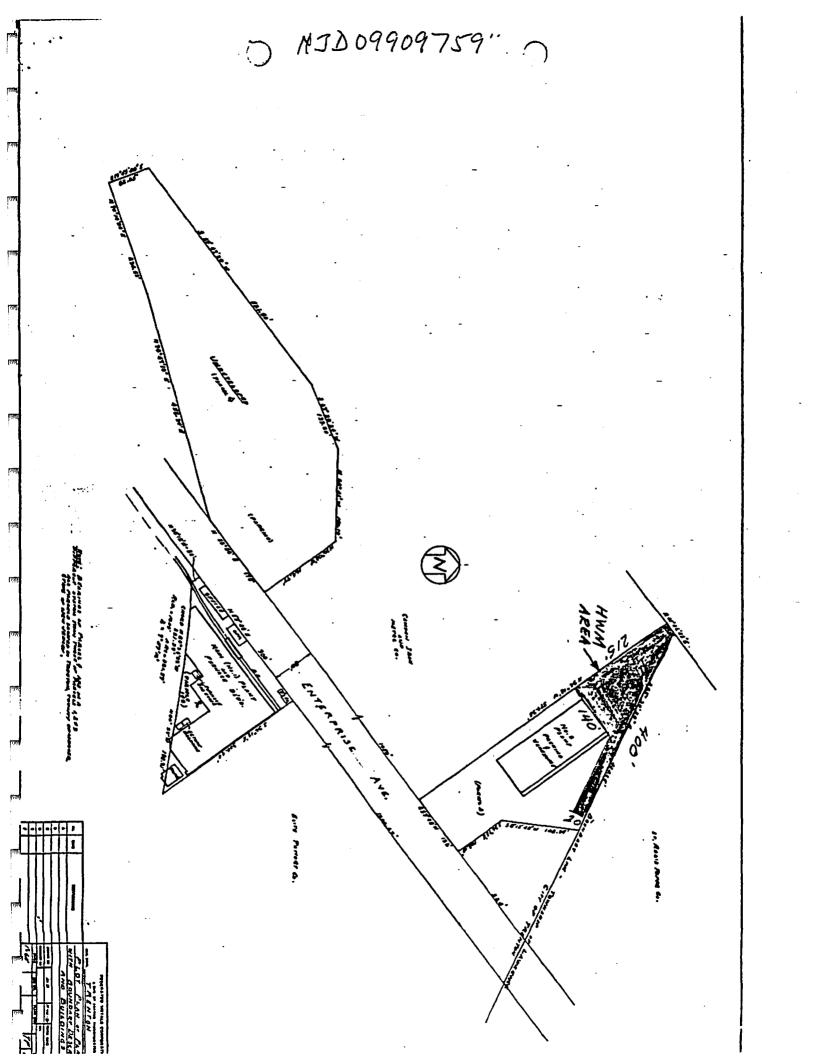
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 - b. Excavation of the contaminated soil.
- 2. The Bureau of Industrial Site Evaluation should be contacted to inquire if the facility has any cleanup responsibilities under ECRA.







State of New Jersey DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT 32 E. Hanover St., CN 028, Trenton, N.J. 08625

DR. MARWAN M. SADAT, P.E. DIRECTOR

LINO F. PEREIRA, P.E. DEPUTY DIRECTOR

2 5 JUL 1985

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Harriett Jane Olson Pitney, Hardin, Kipp & Szuch 163 Madison Avenue Morristown, NJ 07960-1945

RE: Delisting of Hazardous Waste TSD Facility Status of Federated Metals Corporation, Trenton, Mercer County, EPA ID NO. NJD 099 097 594

Dear Ms. Olson:

The Bureau of Hazardous Waste Engineering has reviewed your letter of June 29, 1985, in which you request that the referenced plant be delisted from hazardous waste TSD facility status as the facility became listed as the result of an inappropriate filing of a RCRA Part A application, and the plant and its inappropriately-listed RCRA TSD facility activity have been subsequently closed.

The Bureau has also reviewed its files on the subject facility, and finds the following:

- Federated Metals terminated manufacturing operations at the subject plant on August 29, 1980, but a pile of "zinc skimmings", an approximately nine (9) year accumulation of a by-product of production of metallic zinc dust through smelting of secondary (zinc) metals, remained at the plant site.
- 2) Federated Metals filed a RCRA Part A application with the USEPA on November 19, 1980, listing a hazardous waste TSD facility activity of D80 (landfill) of 4 acre-feet for the zinc skimmings remaining at the plant, classifying these skimmings as D008 EP Toxic for Lead, since previous analysis had shown the skimmings to typically contain 1-3% lead. This Part A application was submitted under a cover letter which stated that the application was filed as a precautionary measure because the USEPA had not issued clarifying guidance on the applicability of RCRA regulations to secondary smelting feed stocks and intermediate products, and that Federated Metals did not consider the materials in question to be wastes.

- 3) Federated Metals had the zinc skimmings material removed from the site in July and August, 1981 and shipped to an off-site metals recycler. Hazardous waste manifests were utilized for these shipments as another precautionary measure since clarifying guidance still had not been received from the USEPA, but Federated Metals did not consider the material to be waste.
- 4) The plant property was inspected by Mr. Michael Nalbone of the NJDEP Solid Waste Administration subsequent to the removal of the zinc skimmings, and Mr. Nalbone found the pile area to be acceptably cleaned and regraded.

If these findings are incorrect, please notify this office immediately.

Inasmuch as the New Jersey hazardous waste facility management regulations under N.J.A.C. 7:26-9.1 through 12.1 et seq. did not become effective until October 8, 1981, this Bureau finds that the storage pile of zinc skimmings had been terminated and removed to the satisfaction of the NJDEP prior to the effective date of the above-mentioned state regulations.

Additionally, the Bureau finds that the USEPA RCRA regulations are presumed to have been applicable to the storage pile for the period from November 19, 1980 through the pile termination date in August, 1981, as a consequence of the Federated Metals Part A application for the storage pile activity. The Bureau also finds that the storage of the zinc skimmings during this period and their subsequent removal to a metal recycling facility qualify for the exemption from RCRA hazardous waste management requirements under 40 CFR 261.6, "special requirements for hazardous waste which is used, reused, recycled or reclaimed", since the zinc skimmings are not listed hazardous wastes under 40 CFR 261, Subpart D.

Therefore, the Bureau of Hazardous Waste Engineering concludes that the Part A application of Federated Metals Corporation for the subject Trenton plant was an incorrect filing, as the plant did not have any RCRA hazardous waste TSD facility activity. This Bureau will therefore delete the subject plant from listing as a hazardous waste TSD facility.

It should be noted that this delisting is being granted because the subject activity terminated prior to the October 8, 1981 effective date of the New Jersey hazardous waste facility regulations under N.J.A.C. 7:26-9.1 through 12.1 et seq., and had the activity continued beyond such date it would have been classified as subject to hazardous waste TSD facility regulation under the State code, as N.J.A.C. 7:26-1 et seq. does not include the broad exemptions to recycle materials which the USEPA provides under 40 CFR 261.6.

Should you have any questions on this matter, please call Mr. Thomas Sherman of my staff at (609) 984-4794.

Very truly yours,

rank coolick, Chief

Bureau of Hazardous Waste Engineering

EP8/slw

c: Kennedy Savage, Federated Metals Corporation Angel Chang, USEPA Region II

NJDEP RCRA EVALUATION FORM SUMMARY SHEET

CURRENT RCRA STATUS

9		Facility Name: (FEDERATED METALS-TRENTON SUBSIDARY OF ASARCO !	NJPDES No. NJ00 20664
er)		Address	ENTERPRISE AVE TRENTON, NV	EPA ID#: NJD 099097594
	MAIL	ADDRESS	P.O. BOX 959 NEWARK , NJ 07101	Inspection Date: 72985
(1)		County:	HERCER	Reviewer: R. CARPER
®)				
		Current I	RCRA status:	
W)			Active RCRA TSD (specify act:	ivities)
, d				
m 1			Not active TSD	
**			Waste not hazardous by por characteristics	process
50			Waste not discharged to November 1980	TSD after
Ser		·	Portions of facility subject measures (specify activities)	
ms)				·
खन				

NJDEP RCRA FVALUATION FORM

Facility Name:	FEDERATED HETALS - TO (SUBSIDIARY OF ASARCO)	RENTON NJPDES:	NJ00 20664	
Address:	ENTERPRISE AVE TRENT	ON N EPA ID#	: NJD <u>0990975</u>	94
MAIL ADD.	7.0.80X 959 NEWARK, N	/ <i>V 0</i> 7/0/Inspect:	ion Date: 7.2	4.85
County:	MERCER	Reviewe	: R. CARPER	
TSD Activ	ities on Original Part A	Application		
D80	Injection Well Landfill 4.0 ACRE · FT Land Application Surface Impoundment Tank	S03 S04 T01 T02 T04	Waste Pile Surface Impoun Tank Surface Impoun Trmt, other	dment dment
Note: A under sta	surface impoundment with te and federal hazardous	self-supporting waste regulat:	ng sides is a t ions.	ank
	ities on Revised Part A			
D79 D80 D81 D83 S02	Injection well Landfill Land application Surface impoundment Tank	S03 S04 T01 T02 T04	Waste pile Surface impoun Tank Surface impoun Trmt, other	dment dment
Agency ap	proving revised Part A:	USEPA	DWM DW	R
·	pproval: Written	Verbal	Assumption o part of the FROM NJDE;	f the facility
	the activities that resu			
A) 315 7	ONS OF Pb. Zn SKIMMINE	S FROM SMELT	TNG OPERATION.	S ANNUAL
B) REFINI	NG OF SECONDARY METALS DISTILLATION PROCESS.		•	
C) SECOND	ARY SMELTING AND REFIN	IING OF NON-1	FERROUS METAL	·S
				

•					
N.J.A.(7:26-8	. 5	WASTE ANALYSIS Is the waste hazardous? CONTENDS MAZARDOUS MATERIAL IS NO LONGER If the waste is hazardous because of its characteristics, did the generator test its waste to determine whether it is hazardous? DOOB LEAD DOO TOXIC DOOS REACTIVE. Does the generator have a process-defined hazardous waste? Process Code	YES	2 of NO	
7:26-11	1.2	TANKS Are there any tanks at the facility which treat or store hazardous waste? Number of NON-HAZARDOUS tanks Are the tanks above ground? How many? Are the tanks below ground? How many?		✓ ✓ ✓	
		Number of HAZARDOUS tanks How many qualify as surface important Are the tanks above ground? How many? Are the tanks below ground? How many? On the reverse side of this page identify the surface important in the surfa	_	<u></u>	<u>ø</u> —
7:26-11		Do uncovered tanks (surface impoundments) have at least 2 feet of freeboard or an adequate containment structure?			<u> </u>
7:26-11	1.3	SURFACE IMPOUNDMENTS How many surface impoundments does the facility have? How many are RCRA? Identify on the back of this page the lining material of each surface impoundment	. N.A	\- -	
7:26-11	l.3(a)	Is there at least 2 feet of freeboard in each surface impoundment?			<u>_</u>
7:26-11	1.3(b)	Do all earthen dikes have a protective cover to preserve their structural integrity? If yes, specify the type of covering:			<u>~</u>

NIZAC		Page YES	3 of	4 N/A
N.J.A.C.	WASTE PILES How many waste piles are on-site?	123	NO	N/A
	How many do they claim are NON-HAZARDOUS?	_~	*	
	Is the waste pile protected from wind erosion?			<u>/</u>
7:26-9.3(a)5i	i Is the pile placed on an impermeable base that is compatible with the waste?			<u> </u>
	If no, explain.			
	Is there berming or diking around the waste piles?			
7:26-9.3(a)5i	ii Is run-on diverted away from the pile?			<u>~</u>
7:26-9.3(a)iv	Is leachate and run-off from the pile collected and managed properly?		_	<u></u>
7:26-11.4	LANDFILLS Does the landfill have a state Solid Waste ID number?		_	_
	How many landfills are there? 2 PAST	LAND	FILLS	,
	How many landfills were filed for on the Part A application?	PRO	PERT	ES
	Identify the types of waste disposed of in the landfill: <u>DOOB</u> , ZINC SKIMHINGS	- <u></u>		
7:26-11.4(a)1	Is run-on diverted away from all portion of the landfill?	5	<u> </u>	
7:26-11.4(a)8	i Does the landfill have a liner which is chemically and physically resistant to the added liquid and a functioning leachate collection and removal system with a capac sufficient to remove all leachate produced	ity	<u> </u>	
7:26-11.4(a)8	ii Before disposal, is the liquid waste or waste containing free liquids treated or stabilized chemically or physically, so the free liquids are no longer present?	at ——	<u> </u>	
7:26-11.4(b)	Does the owner or operator of a landfill to dispose of hazardous wastes subsequent to the detection of any liquid, in the secondary collection system?			<u> </u>

ासके . -			Page	4 of	A
	N.J.A.C.		YES		N/A
[মান]	7:14A-6.2	MONITORING WELLS Does the owner/operator have a groundwater monitoring plan approved by the Department and capable of determining the facility's		, .	
িকো		impact on the quality of groundwater?			
<u>िका</u>		How many monitoring wells does the facility have?			
lama)	7:14A-6.3(a)	Is the groundwater monitoring system capable of yielding samples for analysis?		<u> </u>	
		Are the wells properly located?			<u> </u>
[20 6]		Are the wells screened in the proper portion of the formation inorder to yield accurate information			¥
[%]		SAMPLING PLAN			
শেকা	7:14A-6.4(a)	Does the owner/operator have a sampling and analysis plan?			<u></u>
*	DAST ANALYSES FOR	Does the plan include procedures and techniques for:			
	STORM WATER	1. Sample collection			V
াজু	ONLY	 Sample preservation and shipment Analytical procedures Chain of custody 			KKK
		GROUND WATER QUALITY			
(REG)	7:14A-6.15	Have any existing ground water monitoring wells been sampled?		_	
िस्स्	7:9-6.1, Appendix F of 7:14A	Do ground water analyses violate State ground water quality standards or NJPDES permit toxic effluent limitations?			/
াম্বা		What groups of contaminants or hazardous constituents present in the ground water			
''জা ៤		exceed the State ground water quality standards or NJPDES Appendix F limits?			
ক্ষো		radionuclides nutrients pesticides organic chemicals metals			
্জ্য	7:14A-6.4; 7:14A-6.10	Has the facility performed statistical tests on ground water monitoring results?		_	
জন্ ন		Do the statistical tests indicate a statistically significant difference between upgradient and downgradient parameters used as indicators of			
শেকু		ground water contamination?			

FACT SHEET RCRA EVALUATION

Name and Address of Applicant:

ASARCO Inc. 120 Broadway New York, NY 10271

Name and Address of Facility Where Discharge Occurs:

Federated Metals Corporation Enterprise Avenue Trenton, NJ

Receiving Water:

Ground and Surface Waters of the State of New Jersey. The actual and potential discharges are to the moderately permeable glacial sands, gravels, and clays of Wisconsinian Age.

Description of Facility:

The facility operates two plants in Trenton which permanently ceased operations on August 29, 1980. The original RCRA Part A application filed with the USEPA in November 1980 listed a hazardous waste disposal landfill (D80) of 4.0 Acre-feet at the Federated Metals Plant II. The Part A application listed the estimated annual quantity of hazardous waste disposed in the landfill as 315 tons of waste type D008 (lead). The referenced facility was engaged in the refining of secondary metals (die castings, etc.) to produce metallic zinc dust through distillation.

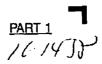
Old D80 Area - Located in back of Plant II adjacent to US Route 1. This area used to manage zinc and lead skimmings from the smelting process. 896,834 tons of waste type D008 was manifested during July and August, 1981. Plant I operates a NJPDES regulated outfall for rain water run-off into the Assunpink Creek. Recent samples of the run-off failed to meet the DSW permit limitations due to excessive lead. No ground water data has ever been obtained from these sites.

Attorneys from ASARCO claim Federated Metals in Trenton is not subject to requirements of New Jersey's Environmental Clean-Up Responsibility Act (ECRA) because the facility had ceased operations and closed prior to the effective date of ECRA (12/31/83). However, if hazardous substances or wastes remain on-site in a landfill, storage vessel, surface impoundment, or another type of storage facility, even though the property was sold or closed before December 31, 1983, the operation is considered ongoing by the DEP under ECRA, and therefore, all prior operations become subject to review under ECRA legislation.

During a site inspection of Plant I across Enterprise Avenue from Plant II, an area adjacent to the rear of the building was

observed to contain uncovered dumped and spread ceramic molds, brick and wood demolition, and fiber glass insulation. Dumping of this material indicates dumping from off-site sources has been An area inside the barbed wire fence behind the taking place. buildings was observed to contain an old landfilled area as evidenced by protruding metal objects, similar to the skimmings that were managed at plant II across the street. There is no mention of this activity on the RCRA Part A application. This > activity area lacks final cover, proper capping of the fill, monitoring wells, and stabilization through vegetative cover. Wide tire marks and bare spots indicate recent activity in this portion of the site. Inside the existing buildings. approximately 30 55-gallon drums were observed through a broken The drums were on pallets in an upright position. odors or spill stains were observed on the floor. It could not be determined what the contents of the drums were.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION



COMMUNITY RIGHT TO KNOW SURVEY FOR 2004

For State and Federal Community Right to Know Reporting

• • • • • • • • • • • • • • • • • • • •	THIS PAGE MUST BE COMPLETED, SIGNED, AND RETURNED
6 1 6 4 3 4 0 0 0 0 0 423930 ATTN: JOSEPH M LONCHAR TRENCO INC T/A TRENTON IRON & METAL 301 ENTERPRISE AVENUE TRENTON, NJ 08638	A Facility Location - Street, City, State, Zip and County MUST BE PROVIDED 2 2 2 5 7 0 5 6 6 1 1 1 1 301 ENTERPRISE AVE TRENTON, NJ 08638 COUNTY: MERCER
See instructions if information on these form	Please indicate the reason for changing this information [] this facility moved [] additional facility s is incorrect. [] correction to existing location
B Does this facility Produce, Store or Environmental Hazardous Substance	Use D. Number of ampleyages at facility 22
Table A in a pure or mixture state: Darken either yes or no box	E Number of facilities in New Jersey
 in any quantity?	F Federal EIN 222570566 Please verify
C Briefly describe the current operation conducted at this facility: Scrap Recycling Scrap	G If you are claiming an H&D lab
H Check box if you have reported any Community Right to Know Act (EPC) I FACILITY EMERGENCY CONTACT	substances pursuant to Section 312 of the Federal Emergency Planning and RA/SARA, Title III)
Name JOSEPH M LONCHAR Facility Phone Number (609) 396-2	2250 Title PRESIDENT Emergency Contact Phone Number (609) 730-9002
Facility Phone Number (609) 396-2 J CERTIFICATION OF OWNER/OPERATO that I have personally examined and am	Emergency Contact Phone Number (609) 730-9002 OR OR AUTHORIZED REPRESENTATIVE I certify under penalty of law familiar with the information submitted in this document and all attachments lividuals immediately responsible for obtaining the information, I believe
Facility Phone Number (609) 396-2 J CERTIFICATION OF OWNER/OPERATO that I have personally examined and am and that based on my inquiry of those inc	Emergency Contact Phone Number (609) 730-9002 OR OR AUTHORIZED REPRESENTATIVE I certify under penalty of law familiar with the information submitted in this document and all attachments lividuals immediately responsible for obtaining the information, I believe
Facility Phone Number (609) 396-2 J CERTIFICATION OF OWNER/OPERATO that I have personally examined and am and that based on my inquiry of those ince that the submitted information is true, accounts	Emergency Contact Phone Number (609) 730-9002 OR OR AUTHORIZED REPRESENTATIVE I certify under penalty of law familiar with the information submitted in this document and all attachments lividuals immediately responsible for obtaining the information, I believe curate, and complete. Fax # (609 396-8682

Right To Know

PO Box 405

Trenton, NJ 08625-0405

survey to the agencies listed on Page 23 of the instruction guide. You must also keep a copy at your facility.



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TRENCO INC 301 ENTERPRISE AVE TRENTON, NJ 08638

PART 2 2004 CHEMICAL INVENTORY REPORT

Page ____

Reporting Period: January 1 - December 31, 2004

Please type or print legibly.
Photocopy this page if you need additional forms.
Read instructions carefully before completing this form.

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply	NVENTORY INFORMATION
Name: Compressed A1r Substance Number: 2070 CAS Number: 1002 Check one Pure Mixture Check one Solid Liquid Gas Trade Secret: (Check if claiming)	Fire Sudden release of pressure	Container Type Max. daily inventory Avg. daily inventory Days on site Storage pressure Storage temperature CY 12 12 365 02 04
Name:Ant1 Freeze Substance Number:2131 CAS Number:	Fire Sudden release of pressure Reactive Acute health effects Chronic health effects None per MSDS Location(s) Maintena	Container Type Max. daily inventory Avg. daily inventory Days on site Storage pressure Storage temperature DS 12 12 365 01 Storage temperature
Name: Fuel 0fl Substance Number: 2131 CAS Number: PCRA DOT Number: 1993 Check one Pure Mixture Check one Solid Liquid Gas Trade Secret: (Check if claiming)	Fire Sudden release of pressure Reactive Acute health effects Chronic health effects None per MSDS Location(s) Behind Mad	Avg. daily inventory 13 Days on site 365 Storage pressure 01 Storage temperature 04
Name: Oxygen Substance Number: 1443 CAS Number: 1782 - 447 DOT Number: 1072 Only Check one Pure Mixture Check one Solid Liquid Ras Trade Secret: (Check if claiming)	Fire Sudden release of pressure Reactive Acute health effects Chronic health effects None per MSDS Location(s) Maintenance	Avg. daily inventory 12 Days on site 365 Storage pressure 01 Storage temperature 04
Name: Petroleum 011 Substance Number: 765 CAS Number: PPCR. O Only Check one Pure Mixture Check one Solid Liquid Gas Trade Secret: (Check if claiming)	Acute health effects Chronic health effects None per MSDS	Container Type TA Max. daily inventory 13 Avg. daily inventory 12 Days on site 365 Storage pressure 01 Storage temperature 04 Ince Bldg
TA Above ground tank TB Below ground tank TI Tank inside building DS Steel drum DP Plastic drum DF Fiber drum CN Can CB Carboy CB Carboy CB CSI Silo DT Other (describe) 20 19 19 18 11 17 18 18 17 18 17 18 17 18 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 17 18 17 18 18 18 19 18 18 19 18 18 18 19 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18	Greater than 10 million pounds 1,000,001 to 10 million pounds 500,001 to 1 million pounds 250,001 to 500,000 pounds 100,001 to 250,000 pounds 50,001 to 100,000 pounds 1,001 to 50,000 pounds 1,001 to 10,000 pounds 1,001 to 10,000 pounds 1,001 to 10,000 pounds 1,001 to 1,000 pounds	ient temperature Iter than ambient temperature Ithan ambient temperature Ithan ambient temperature but not genic (freezing conditions) Igenic conditions (less than -200 C) Imeans "normal," "surrounding," or "rcom"

D-000398

From:

Tim Doutt

To:

Chalofsky, Barry: Maack, Charles

Date:

5/4/01 2:58PM

Subject:

Reported Permit Non-Compliance - Trenton Iron & Metal

Barry, Charlie: I have received a verbal report from a driver who delivered scrap to this yard. The driver wishes to remain anonymous. He is a credible source. The driver reports that the yard is literally awash in fluids, much spraying from a faulty hydraulic line(s) on the piece of heavy machinery used to move scrap about the yard. This driver has been to many scrap yards and was, in the past, employed by one. He states that the amount of oil and other fluids on the ground at this site are way over the top. I see no record of inspection or violation on our tracking system. Please investigate and take appropriate action for any discovered violations. Thank You. Tim Doutt

The facility is:

TRENTON IRON & METAL CORP. 301 ENTERPRISE AVE., TRENTON

Water Quality PI No. 47615 NJPDES General Permit NJ0106364 - Scrap Metal Processing/Auto Recycling

Air PI No. 61071

Construction of New Source, PCP000001 (Scrap Metal Shredding System)

Community Right to Know PI No. 61643400000

Other Information: NJEIN00222570566; Joseph M. Lonchar, President, 609-396-2250; Kenneth L. Woodruff, Consultant, 215-736-2194.

CC:

Aiello, Mary Jo

RESPECTION COMPLAINT

FIRE PREVENTION BUREAU FIRE DIVISION Department of Public Safety Trenton, N. J.

DATE: February 10th, 1977 FROM: Vincent A. Pompei Deputy Chief ISE AVENUE Semi-Detached Construction Metal - 318 Enterprise Avenue
Deputy Chief Semi-Detached Construction Metal
ISE AVENUE Semi-Detached Construction Metal
Semi-Detached Construction Metal
- 318 Enterprise Avenue
•
m of fire at the above mentioned premises
th, 1977, Battalion Chief Leonard Zola
roof collapsed.
ndition at your earliest convenience.
Respectfully,
Vincent A. Pompei
Deputy Chief
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FULLOW-UP REPORT	-INSPECTION COMPLAINT
	300
() REINSPECTION	ADDRESS: 3th ENERPOISE AVE.
()) PERSONAL INTERVIEW	PERMIT #:
() TELEPHONE CALL	USE/OCCUPANCY MANUFAITURING PLANT
() COURT CASE REPORT	DATE: 2-23-77
REMARKS: KECEIVED REFERRAL FORM	FIRE DEDT. IN RE' TO SOLA !!ED
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) i	Dingert 18: Somper
cc:	Vincent A. Pompei
CO. 1ad. #3	Deputy Chief
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Volume of New Structure _____ Cu. Ft.

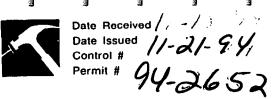
Total Land Area Disturbed _____ Sq. Ft.

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3



3



1 White - Inspector Copy

3 Pink - Office Copy

Signature Signature Signature Signature Signature Signature Signature Signature Signature D. TECHNICAL SITE DATA DESCRIPTION OF WORK Tele. [LE., 1240 - LE.	Thereby certify that I am the jagent oil owner of record and applications of the proposed of					
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Height of Structure 4 2 Ft. 3 Total (1+2) \$ //C CCD						
	New Bldg. Area/All Floors Sq. Ft.					

BRIDGEVIEW MANAGEMENT COMPANY, INC.

1160 State Street Perth Amboy, New Jersey 08861

Phone: (908) 826-1800 Fax: (908) 826-9344

February 27, 1995

VIA UPS OVERNIGHT

Leonard Pucciatti Director, Dept. of Inspections City of Trenton 319 East State Street Trenton, NJ 08608

Re: 300 Enterprise Avenue, Block 210, Lot 2

Dear Director Pucciatti:

As per your request, enclosed is information pertaining to the Federated Metals site referenced above.

The site was condemned and ordered demolished on June 24, 1994. I informed your office through Mr. Sam Giambelluca, that Bridgeview Management wished to proceed with the demolition but the presence of asbestos and zinc furnaces required testing, removal, and proper disposal.

Enclosed is the proposal, permit, and waste manifests for the asbestos. This is followed by eleven asbestos tests for furnace cover that all proved to be negative.

After removal of the asbestos, Bridgeview had the zinc furnaces removed and stored in lined containers. Testing showed ten containers to be considered hazardous waste. The Waste Characterization Report and Waste Product Questionnaire are enclosed. The actual disposal manifests will be available in a week if you require a copy.

Finally, Bridgeview has had all utilities surveyed and disconnected. That documentation is in the permit jacket. The demolition contractor is Naporano Iron and Metal, a licensed and registered contractor with many years of experience in this field.



.Cu. Ft

__ Sq Ft

Volume of New Structure_

Total Land Area Disturbed __





Date Received Date Issued.
Control #

	950939
A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS. NOTIFY THIS OFFICE CALL UTILITY DIG NO 1-800-272-1000 Block 210 Work Site Location 300 ENTERPRISE AVE TENTON NT CECCT Owner in Feel & DER ATTON HITTILS CORPORATION Address 11/C STATE ST. THE THIN HAMBOY NT CECCT Contractor NACE AND HEALT & LIGHTER ST. Address TO BOX 5158 NEW ATE NO 0105 Tele. 761 3411-4570 Lic. No. or Bldrs. Reg. No. Federal Emp. No22-1449123 or Social Security No.	C. CERTIFICATION IN LIEU OF OATH I hereby certify that I am the lagent of owner of record and ash authorized to make this application X MARC Signature D. TECHNICAL SITE DATA DESCRIPTION OF WORK PERICLISH BUILDING. ESTICUE AND DESCRIPTION OF BUILDING.
JOB SUMMARY (Office Use Only) PLAN REVIEW Date Initial INSPECTIONS , Dates (Month/Day) [] No Plans Req Type: Failure Approval Initial Footing [] Footing Foundation Foundation	(Office Use Only) TYPE OF WORK: New Building Addition Roofing Siding Fence Height (6' or over) Sign Sq. Ft. Pool Asbestos Abatement Other
B. BUILDING CHARACTERISTICS Use Group Present I Proposed Est. Cost of Bldg. Work: Constr. Class Present I Proposed I New Bldg. \$ No. of Stories I Alteration \$1 Proposed I New Bldg. \$ Area Largest Floor Sq. F1 New Bldg. Area/All Floors Sq. F1 New Bldg. Area/All Floors Sq. F1	Paid J. J. Check # Administrative Surcharge \$ Minimum Fee \$ DCA TRAINING FEE \$ TOTAL FEE \$

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ADDRESS 300 ENTERIRISE AN BL.# 210 LOT# 2
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SOURCE: INITIAL() REINSPECTION() COURT RESULTS() MEETING()
FOR TYPING: LETTER() ABATEMENT() MEMO() REPORT FOR FILE()
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BRIDGEVIEW MANAGEMENT COMPANY, INC.

1160 State Street Perth Amboy, New Jersey 08861

Phone: (908) 826-1800 Fax

Fax: (908) 826-9344

August 10, 1994

Via Facsimile

Ms. Theresa Dipole City of Trenton Department of Inspection Trenton, NJ 08608-1866

Dear Ms. Dipole:

As requested, specifications for asbestos abatement at Federated Metals Corporation's plant at 300 Enterprise Avenue, Trenton, NJ follows:

- 1. Insulation from the exterior of two boilers.
- 2. Insulation from 50' of piping.
- 3. Approximately 1200 square feet of floor tile.
- 4. Approximately 360 square feet of transite siding.

The work will be performed by Assured Asbestos Abatement, their New Jersey license number is 00190 and a copy will be faxed to you.

Thank you for your attention to this matter.

Very truly yours,

James R. Murray Assistant Manager

Carole S. Gely few

JRM/clk

AUG-11-94 THU 10:47 BRIDGEVIEW MANAGEMENT CO 9088269344

State of New Jersey Department of Labor DIVISION OF WORKPLACE STANDARDS

ASBESTOS LICENSE

LICENSE NUMBER:

00190

ISSUE DATE:

02/11/94

· EXPIRATION DATE:

02/11/96



THIS LICENSE has been issued in accordance with and subject to the provisions of the Asbestos Control and Licensing Act, P. L. 1984, c. 173

Employer:

Assured Asbestos Abatement, Inc.

Address:

1000 Bennett Boulevard

Lakewood, NJ 08701

TYPE "A" LICENSE

Responsible Individual:

Martin J. Sendecki, President

This license is VALID ONLY FOR THE EMPLOYER NAMED HEREIN and must be readily available at the work site for inspection by th Commissioners of Labor and Health and the contracting agency.

Legneral I. Mu-

06993

AQ.4 (8-2 M)



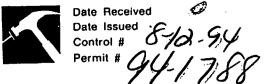
Cu. Ft.

_ Sq. Ft.

Volume of New Structure_

Total Land Area Disturbed_





	17-11/08	at t	
A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING	C. CERTIFICATION IN LIEU OF OATH		
*CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000	I hereby certify that I am the (agent of) owner of record		
Block 210			
Work Site Location 300 CANTENDE TEE ALVE.	and am authorized to make this application		
THENTON NI	Signature		
Owner in Fee FFDERNIED NETALS CAFI	Signature		
Address 116 CTMTF ST	D. TECHNICAL SITE DATA		
BGRTH ANIBOY NT CIAGI	DESCRIPTION OF WORK		
Tele (10) 626 (19)			
Contractor ASSCHED ASBESTOS ABATICALEAT	ASSISTED AGATEMENT TELL	16 18	
Address ICC BEINETT BLVD	THICKITION .		
LAKEWOOD NT (6701			
Tele. (197) 367-9292			
Lic. No. or Bldrs. Reg. No.			
Federal Emp. No. 22 - 7-8 35837 or Social Security No.			
JOB SUMMARY (Office Use Only) PLAN REVIEW Date Initial (INSPECTIONS Dates (Month/Day)) [] No Plans Req. Type: Failure Failure Approval Initial [] All Footing Foundation [] Foundation Slab [] Frame Frame [] Other Insulation Joint Plan Review Required: Finishes: [] Elec. [] Plumb. [] Fire Energy SUBCODE APPROVAL Mechanical [] CO [] CCO [] CA TCO Date: Other Approved By: Final ASDISSTAN MATCHINE	TYPE OF WORK: New Building Addition Alteration Roofing Siding Fence Height (6' or over) Sign Sq. Ft. Pool Asbestos Abatement Other Other Demolition	(Office Use Only) FEE \$	
B. BUILDING CHARACTERISTICS Use Group Present	Paid [] Check # Administrative Surcharge Minimum Fee Collected by: DCA TRAINING FEE TOTAL FEE	\$	

FAX

Date:	6-24-66	
Number	of pages including cover sheet:	8

To: Hisin	ru Carabena.			
Rasson Environmental				
				
Phone:				
Phone:	584-119C			

From:	
	City of Trenton Department of
	Health & Human Services
	Bureau of Environmental Health
	Ticastii

Phone:	(609) 989-3280
Fax phone:	(609) 989-4289

REMARKS:	Urgent	For your review	Reply ASAP	Please comment
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300 301	Exterpre	epies of our	eched.	Ø

INSPECTION HISTORY

CITY OF TRENTON

Page 1

CASE NO : CE02060011
ADDRESS : 300 ENTERPRISE AVE
OWNER : FEDERATED METALS CORP
DATE : Jul 09, 2002
DESCRIP : DEP# 02-05-15-1118-34. Dirt with oil comes out on

street with trucks.

DATE	TIME	TYPE	INSP	COMMENTS
=======		========		
07/09/02	11:03:17	CLO	V4959	CASE CLOSED BY at0205
06/06/02	09:04:06	INS	V4959	INVESTIGATED COMPLAINT COULD NOT FIND
				OIL ON STREETS NEAR 300 ENTERPRISE AVE.
				CLEAN UP WAS COMPLETED IMMEDIATELY.
				MANY TRUCKS FREQUENT HERE PER DAY FOR
				DELIVERIES. THIS WAS CONSIDERED AN
				ACCIDENT. NO FURTHER ACTION IS REQUIRED
				ABATE.
06/03/02	09:04:01	CRE	V4959	COMPLAINT RECORDED BY jm0112

S.q



State of Few Jersey

James E. McGreevey
Governor

Department of Environmental Protection

Bradley M. Campbell

Commissioner

Good your

Martin D. Moore City Hall Trenton, NJ 08608

May 16, 2002

SUSPECTED HAZARDOUS SUBSTANCE DISCHARGE NOTIFICATION NJDEP CASE NUMBER: 02-05-15-1118-34

The New Jersey Department of Environmental Protection, Site Remediation Program, has received verbal notification of an incident that may have resulted in a discharge of a hazardous substance within your jurisdiction.

Pursuant to N.J.S.A. 13.1K-15 et seq., (P.L. 1984, c. 210) "Hazardous Substance Discharge - Reports an Notices Act" and N.J.A.C. 7:1E-5.1 et seq., "Hazardous Substance Discharge: Reports an Notices", attached is a copy of our Incident Notification Form which contains details of the suspected discharge. Further information concerning this incident may be obtained by contacting:

CASE ASSIGNMENT SECTION Site Remediation 292-2943

Please refer to the above "NJBEP CASE NUMBER" in all correspondence concerning this incident.

CHARLES E. KRAUSS, CHIEF BUREAU OF COMMUNICATIONS AND SUPPORT SERVICES

Attachment

a Mike Ingram

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6821-686-609

New Jersey Department of Environmental Protection COMMUNICATION CENTER NOTIFICATION REPORT

Received: 5/15/02 11:18:00

Comm. Center #: 02-05-15-1118-34

TRENTON

Operator: 4

Reviewed By:

Reporter Type: Citizen Complaint 7470191

Reported By: WILLIAM JURANIEC

Affiliation:

Phone: 809-587-5644

Street Address:

26 ASSUMPINK,

Municipality:

State: NJ

Incident Category:

Other

Location Description: JUNK YARD

Address: ENTERPRISE AVE

Municipality: Trenton City

County: Mercer

Units:

State: NJ

Location Type: Commercial

Occurred Date:

Occurred Time:

Substance Released: OIL MOTOR

Amount Released:

iD: Known

State:

CAS#:

Incident Status at Time of Report: Intermittent

Substance Contained:

HAZMAT: Yes

TCPA: No

Haz Waste:

Incident Type:

Soil Contamination

Incident Type 2:

Injuries: No

Watershed:

Public Evac: No

Facility Evac: No

Public Exposure:

Police At Scene: No

Firemen At Scene:

No

Dep Requested: Yes Road Closure: No

Yes

Wind Speed/Direction:

Contamination Of: Land

Other Watershed:

Incident Description: DIRT WITH OIL COMES OUT ON STREET WITH TRUCKS COMING AND GOING FROM JUNK YARD

Responsible Party Name:

Responsible Party Phone:

Responsible Party Street Address: ENTERPRISE AVE,

Trenton City Municipality:

County: Mercer

State: NJ

Officials Notified

Name

Affiliation

Phone

Date

Time Action

TRENTON CITY

Case Assignment Section

609-989-4000

05/15/2002 0:00 Notification - Fax

05/15/2002 11:22 Notification - A310

OPER 42 Comments:

Mike Ingram

862:01 80 62 nul

301 Enterprise Gre



State of New Jersey

JON S. CORZINE

Governor

Department of Environmental Protection

LISA P. JACKSON Commissioner

Martin D. Moore City Hall Trenton, NJ 08608

April 5, 2006

SUSPECTED HAZARDOUS SUBSTANCE DISCHARGE NOTIFICATION NJDEP CASE NUMBER: 06-04-04-1442-44

The New Jersey Department of Environmental Protection, Site Remediation Program, has received verbal notification of an incident that may have resulted in a discharge of a hazardous substance within your jurisdiction.

Pursuant to N.J.S.A. 13.1K-15 et seq., (P.L. 1984, c. 210) "Hazardous Substance Discharge - Reports and Notices Act" and N.J.A.C. 7:1E-5.1 et seq., "Hazardous Substance Discharge: Reports and Notices", attached is a copy of our Incident Notification Form which contains details of the suspected discharge. Further information concerning this incident may be obtained by contacting:

Radiation 609-984-5462

Please refer to the above "NJDEP CASE NUMBER" in all correspondence concerning this incident.

DAVID H. KERR, COMMUNICATIONS OFFICER
BUREAU OF COMMUNICATIONS AND RESPONSE

Attachment

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New Jersey Department of Environmental Protection COMMUNICATION CENTER NOTIFICATION REPORT

Received: 4/4/2006 14:42:44

Comm. Center #: 06-04-04-1442-44

Operator: 27

Reviewed By:

Reporter Type:

Facility Rep.

Reported By: LARRY LATHER Affiliation: TRENTON IRON & METAL

Phone: 609-396-2250

Street Address:

301 ENTERPRISE AVE,

Municipality:

Trenton City

State: NJ

Incident Category:

Other

Location Description: TRENTON IRON & METAL

Address: 301 ENTERPRISE AVE

Municipality: Trenton City

County: Mercer

State: NJ

Zip Code: 08638

Location Type: Industrial

Occurred Date: 04/04/2006

Occurred Time: 01:00 PM

Unknown

ID: Known

Substance Released: RADIOACTIVE MATERIAL State: Solid

CAS#:

Amount Released: 0 Incident Status at Time of Report: Terminated

Units: unknown

No

Substance Contained:

YAS

HAZMAT: Yes

TCPA: No

Haz Waste:

Incident Type:

RADIOACTIVE MATERIAL

Incident Type 2:

Injuries: No

Public Evac: No

Facility Evac:

Public Exposure:

Police At Scene:

Firemen At Scene:

No

Dep Requested: No Road Closure: No

Wind Speed/Direction:

No

Contamination Of: Air

Watershed:

Other Watershed:

Incident Description: LOAD ON METAL SET OFF DETECTOR IN KENTUCKY AND LOAD IS NOW BACK IN TRENTON. READING IS A LOW READING, AMONT NOT AVAILABLE, 2 SMALL PIECES OF METAL ARE IN A STORAGE LOCKER AT FACILITY. NON EMERGENT.

Responsible Party Name: TRENTON IRON & METAL

Responsible Party Phone:

609-396-2250

Responsible Party Street Address: 301 ENTERPRISE AVE,

Municipality:

Trenton City

County: Mercer

State: NJ

Officials Notified

Affiliation

Zip Code: 08638

14:48

Name

Radiation

Phone

Date

Time Action

CATHY BIEL OPR 15

P. DIGANGI

TRENTON CITY FR2

609-989-4000

04/04/2006 14:53 04/04/2006

04/04/2006

Notification - A310

SGT WAGNER

NJSP-ODU

04/04/2006

Notification - Office 14:50 Notification - Office 14:51

NJSP-RIOC NJDOH - HAZMAT Air - Central

04/04/2006 0:00 04/04/2006 0:00

Notification - Fax Notification - Fax 04/04/2006 0:00 Notification - Fax

Notification - Office

Comments:

Mike Ingram

se2:01 80 e2 nut

301 Enterprise Che



State of New Jersey

JON S. CORZINE Governor

Department of Environmental Protection

LISA P. JACKSON Acting Commissioner

Martin D. Moore City Hall Trenton, NJ 08608

March 8, 2006

SUSPECTED HAZARDOUS SUBSTANCE DISCHARGE NOTIFICATION NJDEP CASE NUMBER: 06-03-07-0746-00

The New Jersey Department of Environmental Protection, Site Remediation Program, has received verbal notification of an incident that may have resulted in a discharge of a hazardous substance within your jurisdiction.

Pursuant to N.J.S.A. 13.1K-15 et seq., (P.L. 1984, c. 210) "Hazardous Substance Discharge - Reports and Notices Act" and N.J.A.C. 7:1E-5.1 et seq., "Hazardous Substance Discharge: Reports and Notices", attached is a copy of our Incident Notification Form which contains details of the suspected discharge. Further information concerning this incident may be obtained by contacting:

Radiation 609-984-5462

Please refer to the above "NJDEP CASE NUMBER" in all correspondence concerning this incident.

DAVID H. KERR, COMMUNICATIONS OFFICER
BUREAU OF COMMUNICATIONS AND RESPONSE

Attachment

Mike Ingram

B62:01 30 62 nut

New Jersey Department of Environmental Protection **COMMUNICATION CENTER NOTIFICATION REPORT**

Received: 3/7/2006 07:46:00

Comm. Center #: 06-03-07-0746-00

Operator: 31

Reviewed By:

Reporter Type:

Reported By: LARRY LATHERS

Affiliation: TRENTON IRON AND META Phone: 609 396 2250

Street Address: 301 ENTERPRISE AVE.

Other

Municipality: Trenton City

Incident Category: Other

Location Description: TRENTON IRON AND METAL

Address: 301 ENTERPRISE AVE

Municipality: Trenton City

County: Mercer

State: NJ

Zip Code: 08638

Location Type: Commercial

Occurred Date: 03/07/2006

Occurred Time: 07:45 AM

Incident Status at Time of Report: Continuous

ID: Known

Substance Released: RADIOACTIVE MATERIAL State: Gas

Amount Released: 0

Units: unknown

Unknown

Substance Contained:

No

CAS#: HAZMAT: Yes

TCPA: No

Haz Waste: No

Incident Type:

Radiation

Incident Type 2:

Injuries: No

Public Evac: No

Facility Evac:

No

No Public Exposure:

Police At Scene: No

Firemen At Scene:

No

Dep Requested: Nο Road Closure: No

Wind Speed/Direction:

Contamination Of: Air

Watershed:

Other Watershed:

Incident Description: LOWER LEVEL READING FOR RADIO ACTIVE MATERIAL IN TRANSPORT, WENT TO HENDERSON KT AND BACK. SHREDDED NONFARRIS. MATERIAL WILL BE ISOLATED. BELIEVED TO BE RADIUM 226.

Responsible Party Name: TRENTON IRON AND METAL

Responsible Party Phone:

609 396 2250

Responsible Party Street Address: 301 ENTERPRISE AVE,

Municipality:

Trenton City

County: Mercer

State: NJ

Zip Code: 08638

Officials Notified

Name BILL CSASZAR Affiliation Radiation Phone

Date Time 03/07/2006 7:55

03/07/2006 0:00 03/07/2006 0:00 Action Notification - Office

OPR# 41

TRENTON CITY ER2

609-989-4000

03/07/2006 8:08 Notification - A310 03/07/2006 7:58 Notification - Office

JOE HOYLE SGT RUSSANO

NJSP-ODU

Air - Central

03/07/2006 8:01

Notification - Office 03/07/2006 0:00 Notification - Fax

Notification - Fax

Notification - Fax

NJSP-RIOC NJDOH - HAZMAT

Comments:

Mike Ingram 62:01 30 62 nul



The EDR Aerial Photo Decade Package

Federated Metals
300 301 Enterprise Avenue
Trenton, NJ 08638

Inquiry Number: 1672609.4

June 22, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road Milford, Connecticut 06461

Nationwide Customer Service

Telephone:

1-800-352-0050

Fax:

1-800-231-6802

Internet:

www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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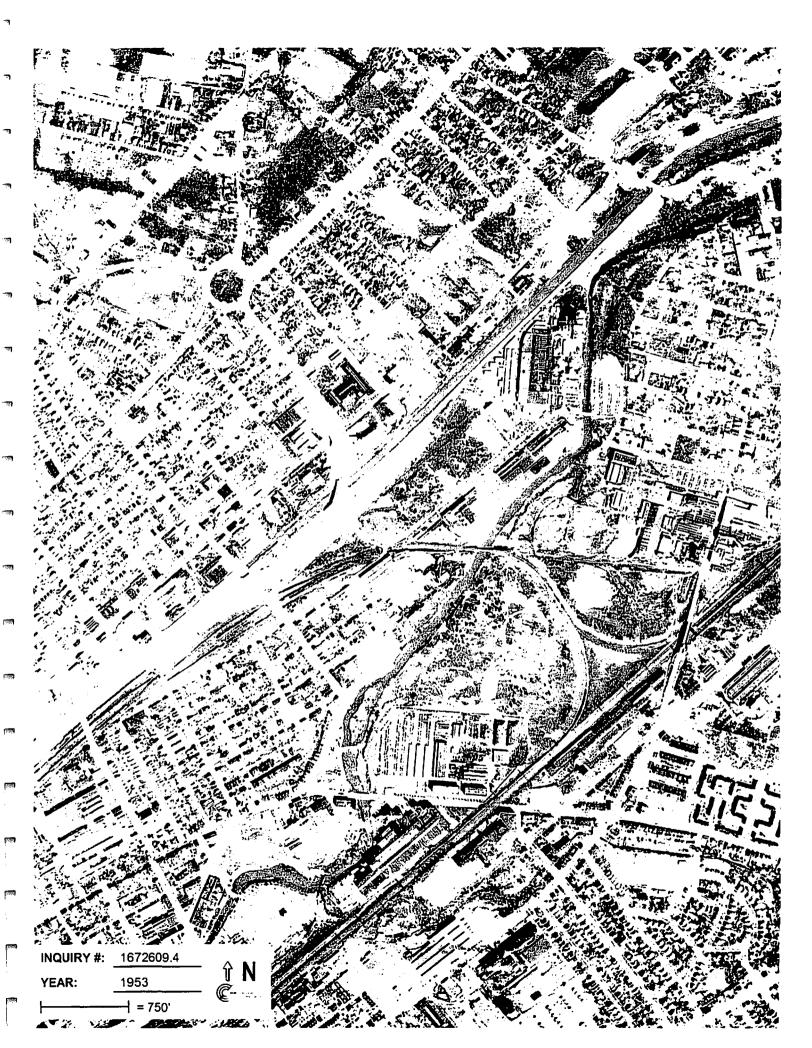
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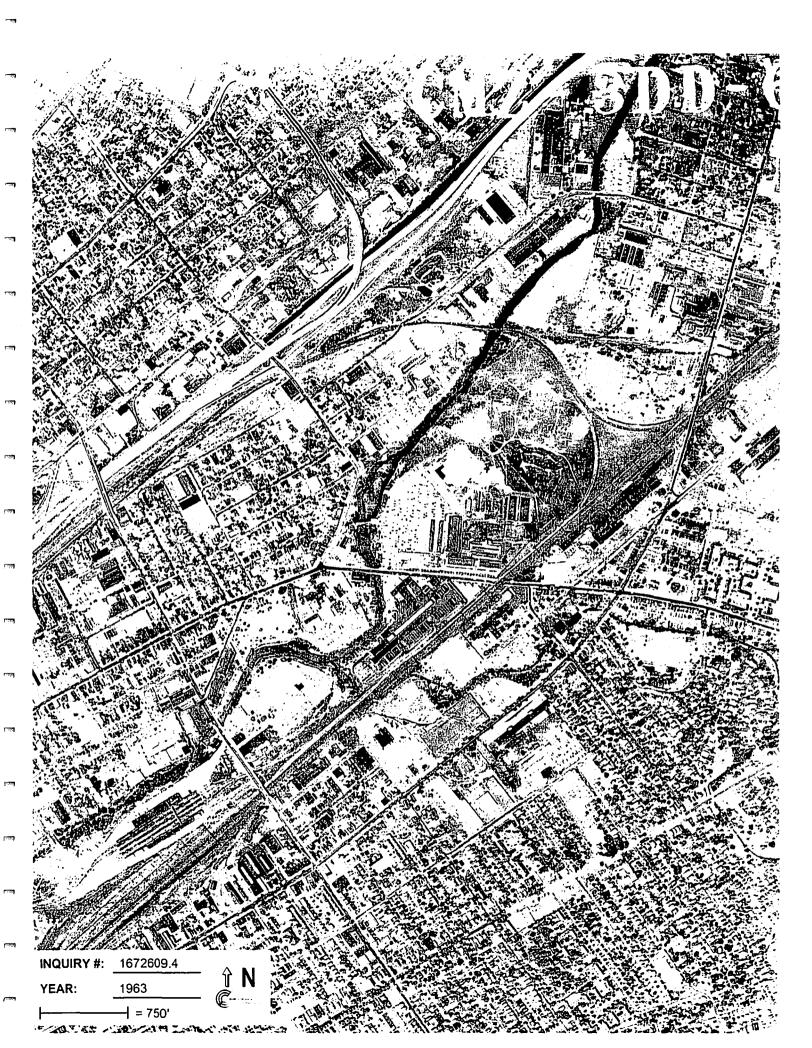
Date EDR Searched Historical Sources:

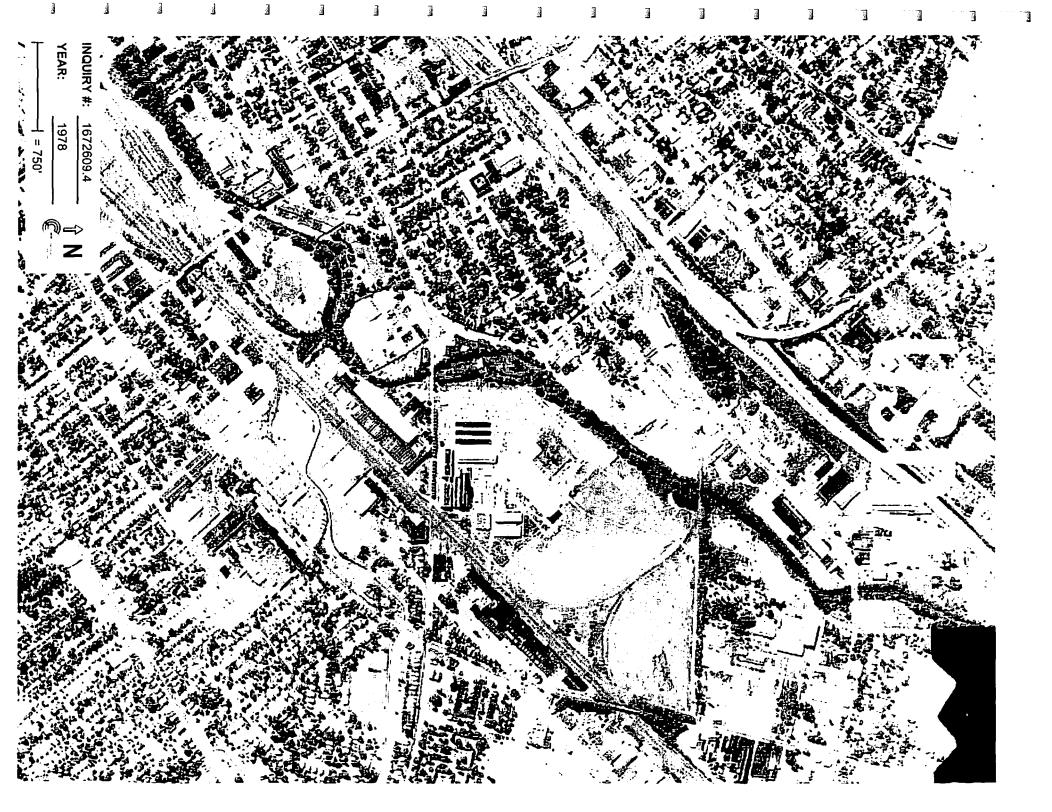
Aerial Photography June 22, 2006

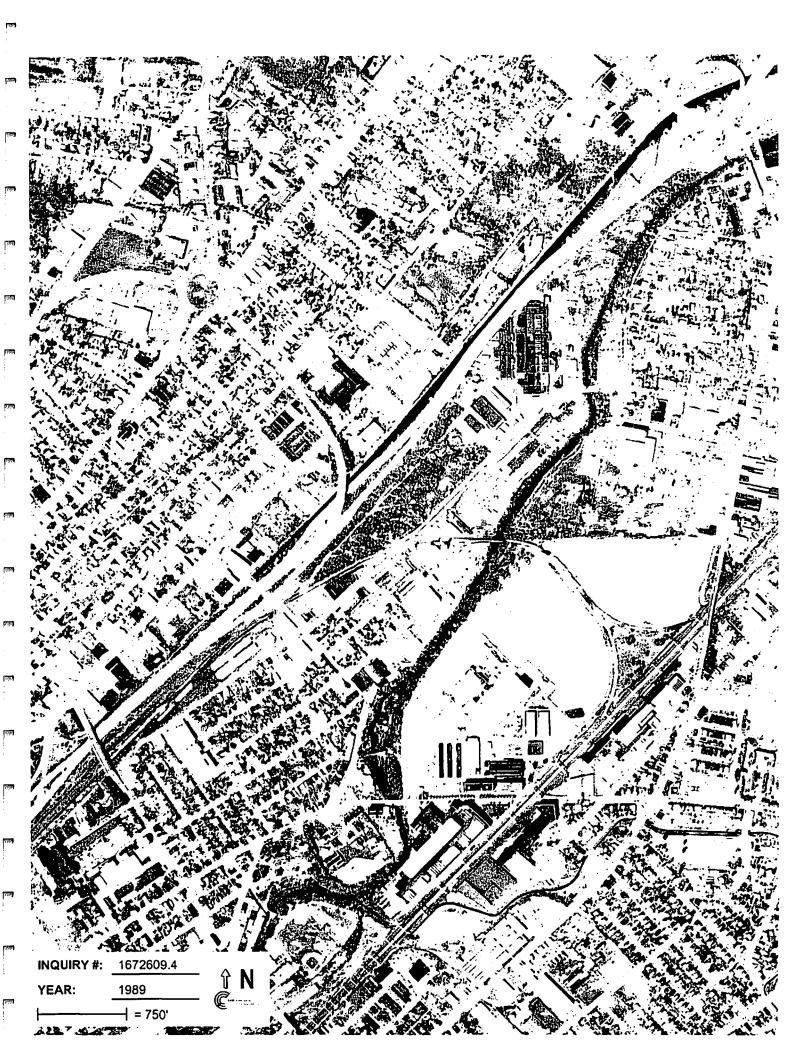
Target Property: 300 301 Enterprise Avenue Trenton, NJ 08638

<u>Year</u>	Scale	<u>Details</u>	<u>Source</u>
1953	Aerial Photograph. Scale: 1"=750"	Panel #: 2440074-B6/Flight Date: April 03, 1953	EDR
1963	Aerial Photograph. Scale: 1"=750'	Panel #: 2440074-B6/Flight Date: May 07, 1963	EDR
1978	Aerial Photograph. Scale: 1"=750'	Panel #: 2440074-B6/Flight Date: September 26, 1978	EDR
1989	Aerial Photograph. Scale: 1"=750"	Panel #: 2440074-B6/Flight Date: March 22, 1989	EDR
1995	Aerial Photograph. Scale: 1"=833'	Panel #: 2440074-B6/Flight Date: March 14, 1995	EDR











"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Benjamin Diemer

Ransom Environmental

2127 Hamilton Avenue

Hamilton, NJ 08619

Customer Project: City of Trenton

1054153TWC 609-584-0090

Inquiry #: 1672609.3S

P.O. #: 3109

Site Name: Federated Metals

Address: 300 301 Enterprise Avenue

City/State: Trenton, NJ 08638

Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1890 - 1 Map 1982 - 1 Map 1905 - 1 Map 1991 - 1 Map

1927 - 1 Map

1949 - 1 Map

1955 - 1 Map

1965 - 1 Map

1968 - 1 Map

1977 - 1 Map

Limited Permission to Photocopy Total Maps: 10

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USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

Reading Sanborn Maps

Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: http://www.edrnet.com/reports/samples/key.pdf

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- 1. Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - A. On the menu bar, click "View" and then "Zoom to..."
 - B. Or, use the magnifying tool and drag a box around the TP

Printing a Sanborn Map From the Electonic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7

- 1. Go to the menu bar
- 2. Click the "Select Tool"
- 3. Draw a box around the area selected
- 4. "Right click" on your mouse
- 5. Select "Copy Image to Clipboard"
- 6. Go to Word Processor such as Microsoft Word, paste and print.

Acrobat Version 5

- 1. Go to the menu bar
- Click the "Graphics Select Tool"
- 3. Draw a box around the area selected
- 4. Go to "Menu"
- 5. Highlight "Edit"
- 6. Highlight "Copy"
- 7. Go to Word Processor such as Microsoft Word, paste and print.

Important Information about Email Delivery of Electronic Sanborn Map Images

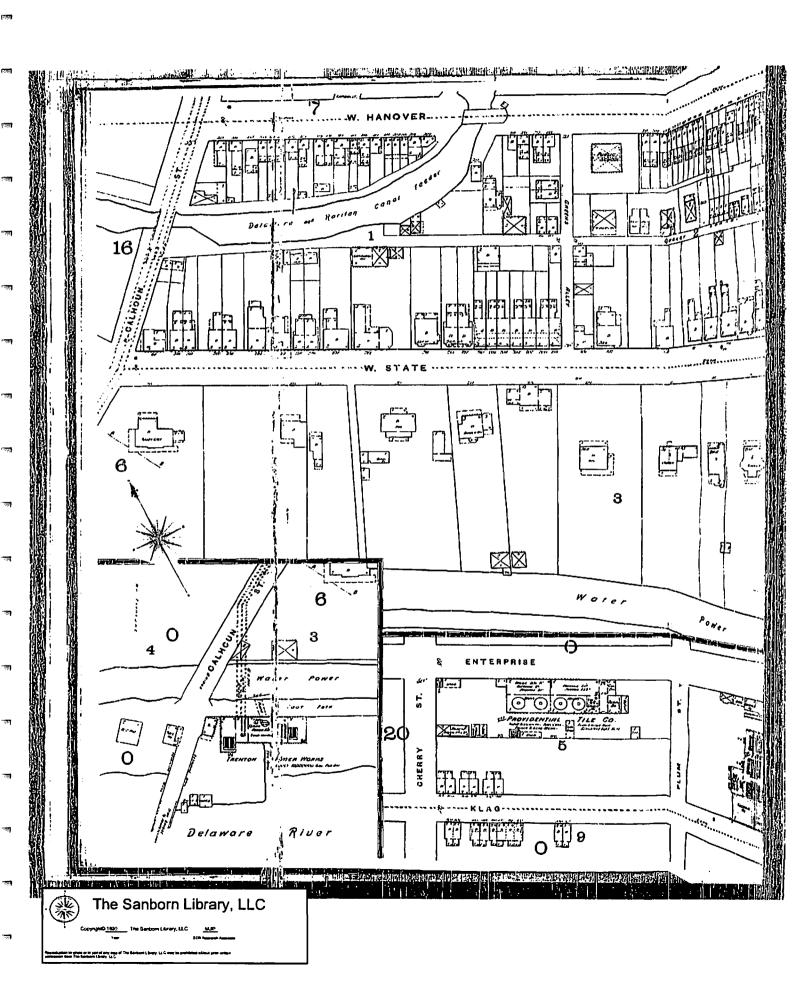
- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases,
- you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.

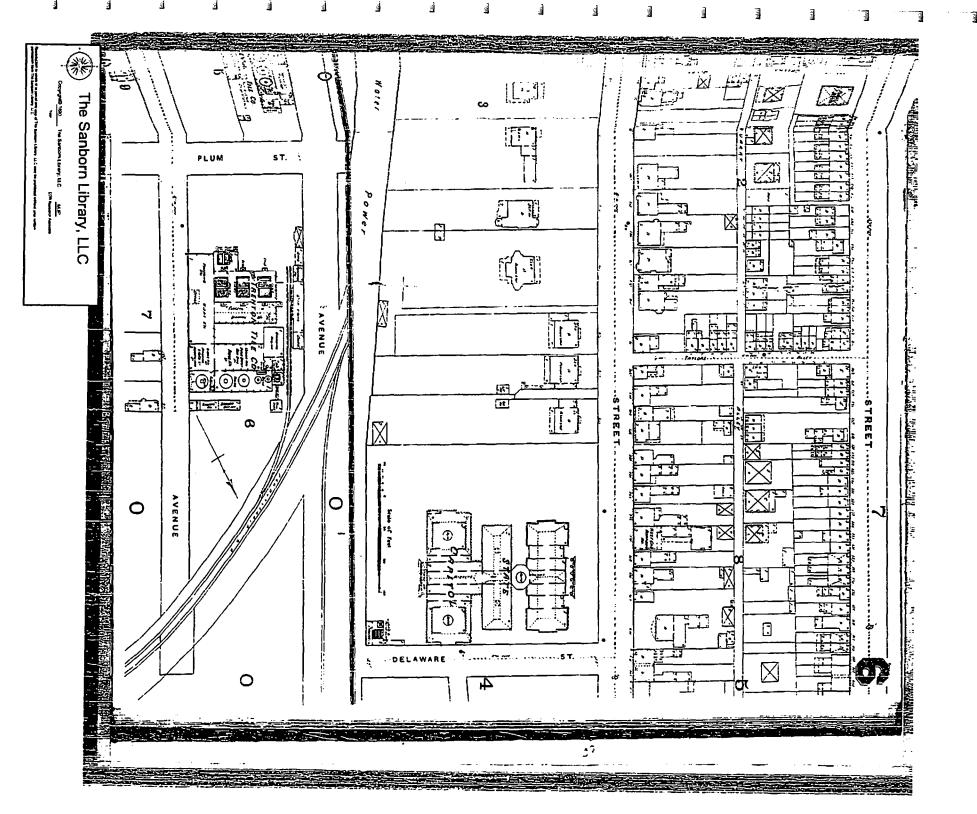
 Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

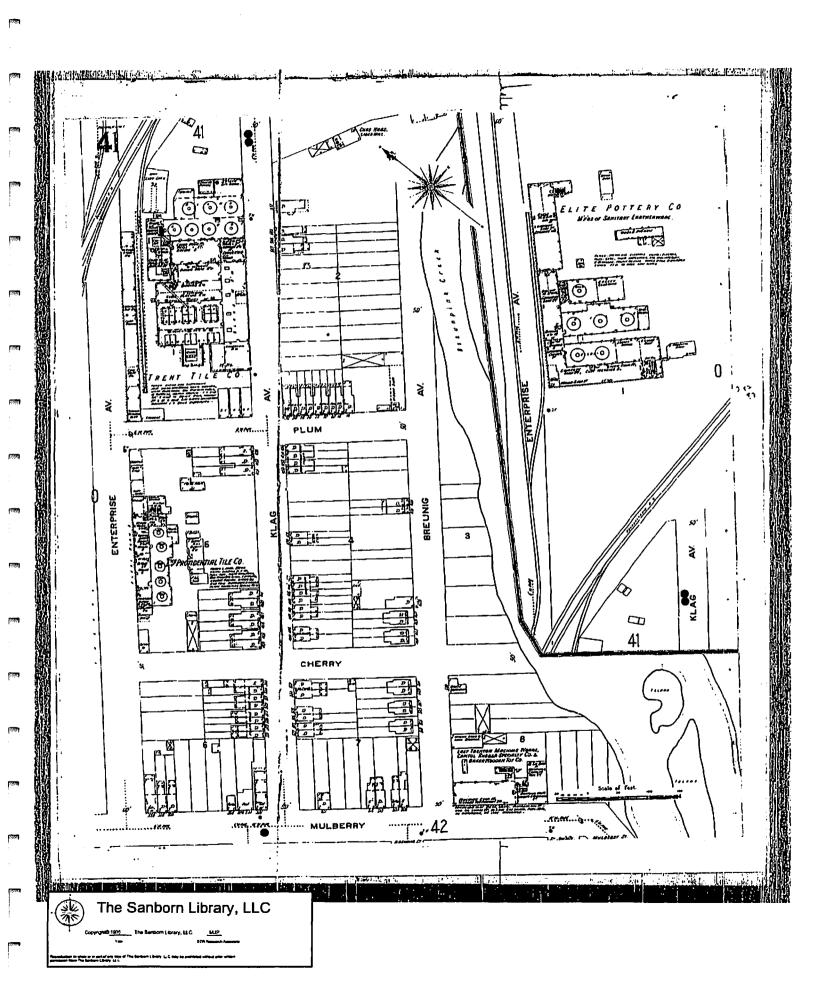


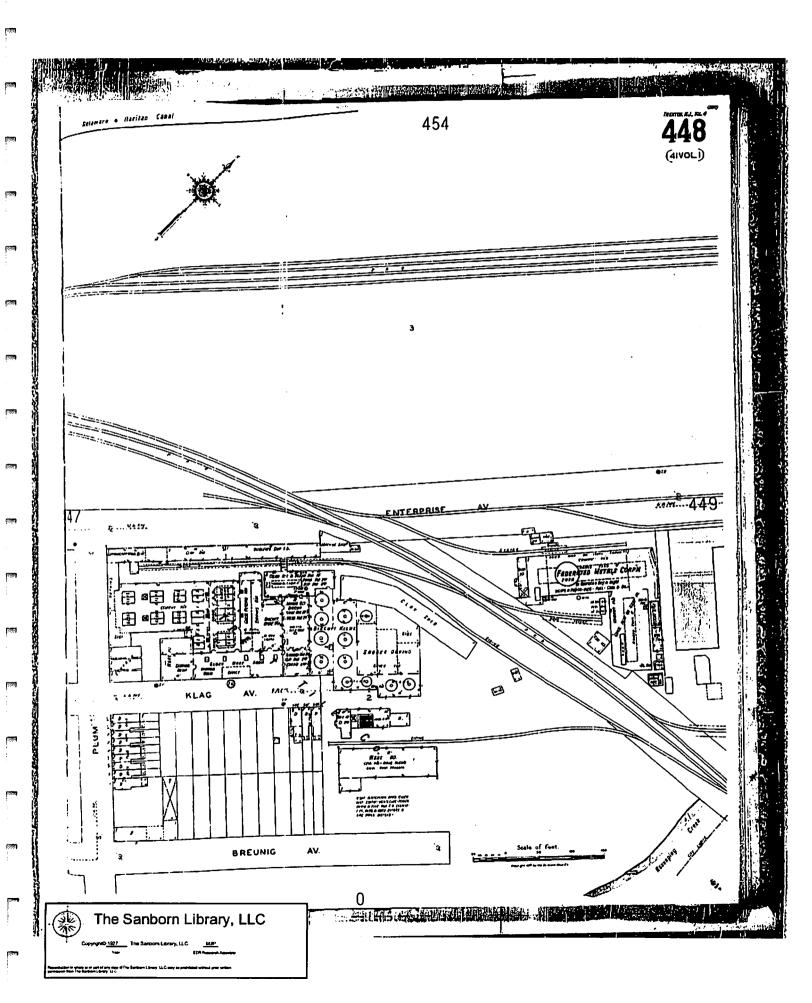


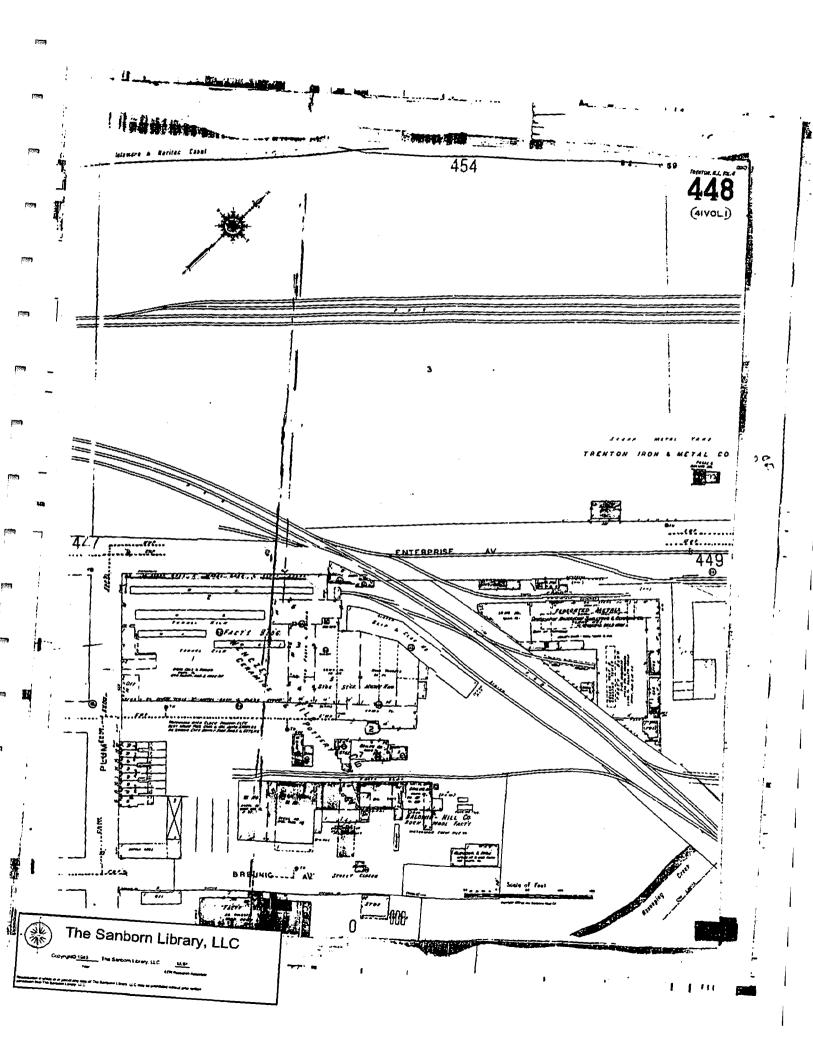


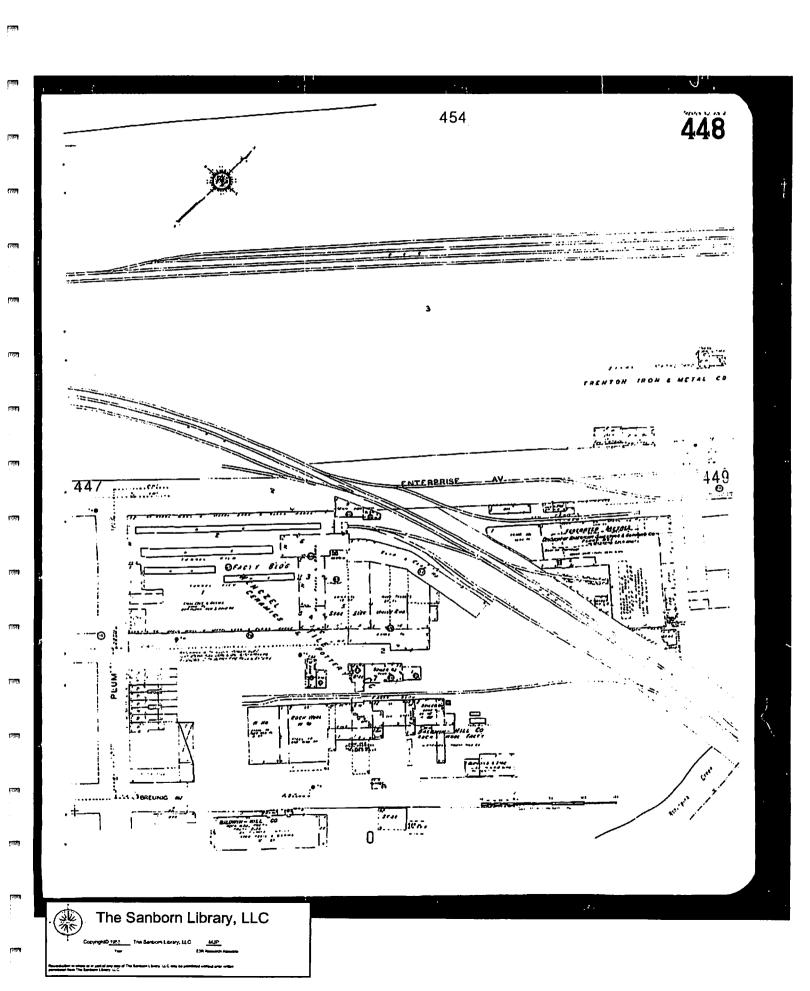


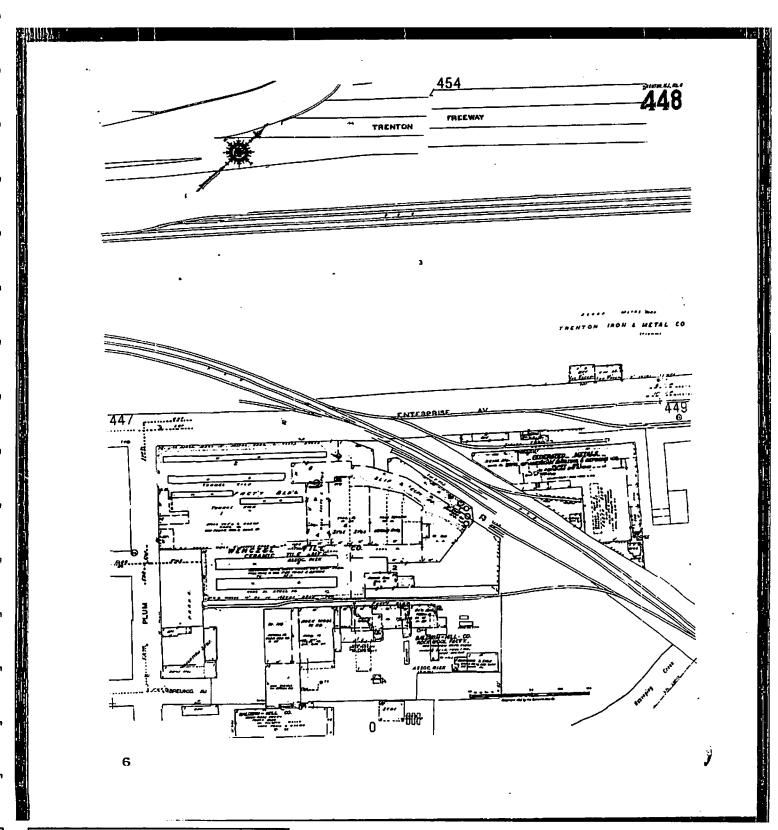








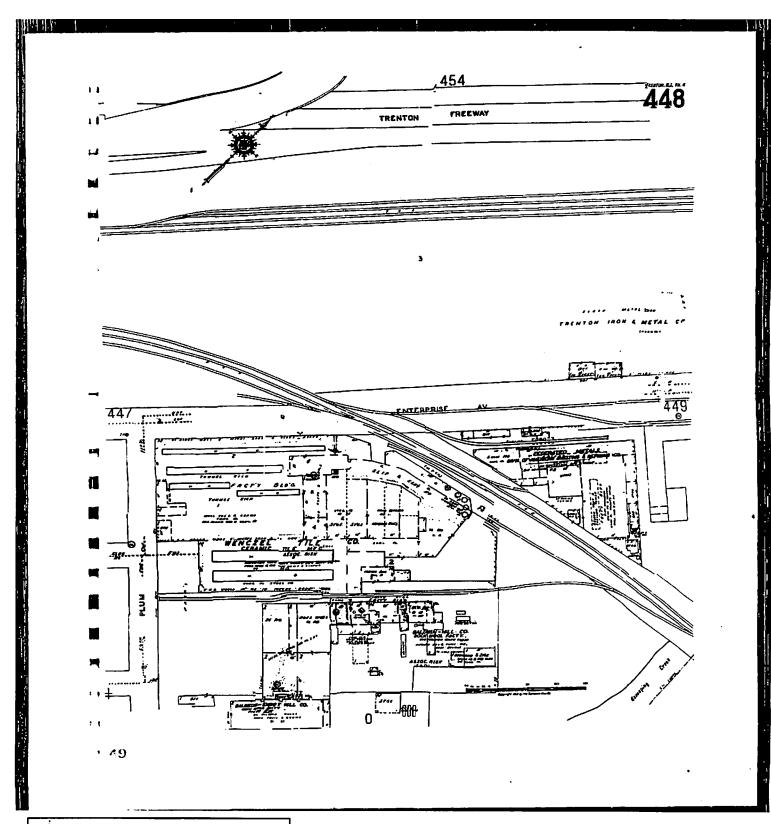




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