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United States Steel Corporation
Gary Works
One North Broadway
Gary, Indiana 46402

Storm Water Pollution Prevention Plan

October 2007

BINDER NO. 1 OF 3

Prepared by: OCS Environmental, Inc.
130 Lincoln Street, Suite 1
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Storm Water Pollution Prevention Plan Certifications

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I certify that storm water discharges entering the state have been evaluated and are monitored for the presence of illicit discharges and non-storm water contributions by the methods described in Section 3.8 of this plan.

GGMackley mdroto

Gregory G. Mackley
Area Manager, Environmental Technical Services
U. S. Steel - Gary Works

10/3/07
Date

Storm Water Pollution Prevention Plan Certifications

I certify that this Storm Water Pollution Prevention Plan (SWPPP) was prepared by me or under my direct personal supervision, and that the provisions of this SWPPP are in accordance with good engineering practices.

Susan Grenzebach, P.E.
Sr. Environmental Consultant
OCS Environmental, Inc.

Date 10/3/07

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Review and Revision Log

Date of Review/Revision	Description of Review/Revision	Name
02/96	Initial SWPPP	Water Compliance Manager
04/97	Update worksheets	Water Compliance Manager
12/02	Update worksheets and revise layout	Lisa Carmichael
10/07	Revise plan to incorporate existing and proposed NPDES permits	Mardanna Soto

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1.0 INTRODUCTION AND BACKGROUND

This Storm Water Pollution Prevention Plan (SWPPP) was prepared in accordance with the United States Steel (USS) – Gary Works NPDES Permit No. IN0000281 issued by the Indiana Department of Environmental Management (IDEM). It was developed to comply with two consent decrees issued by EPA Region V dated November 10, 1994 and January 26, 1999. The purpose of this SWPPP is to identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with industrial activity at the Gary Works facility, describe practices to be used in reducing the potential for pollutants to be exposed to storm water, and to assure compliance with the terms and conditions of the NPDES permit. The SWPPP was designed to complement and work in conjunction with existing documents, internal programs, policies and procedures such as the Integrated Contingency Plan (ICP), Spill Prevention Control and Countermeasure (SPCC) Plan and Standard Operating Procedures. Appendix A provides a cross-reference for NPDES permit requirements and SWPPP sections. Historically, the Coke Plant Coal Processing Area Drainage Plan and the Coke Plant SWPPP have been separate plans which were included as an appendix to the Gary Works SWPPP. The Coke Plant Coal Processing Area Drainage Plan was developed under requirements of the NPDES permit as a Best Management Practice (BMP) to control coal runoff into the Grand Calumet River. All elements of the plan were implemented and the objectives successfully achieved. With this revision, elements of the Coke Plant Coal Processing Area Drainage Plan and the Coke Plant SWPPP have been incorporated into the Gary Works SWPPP.

Gary Works is a fully integrated steel manufacturing plant in northwest Indiana occupying approximately 4,000 acres. The facility is bordered to the north by Lake Michigan, south by the Grand Calumet River, west by other industrial facilities, and east by a buffer zone separating Gary Works from woodlands and wetlands. Coke and coke chemical by-products operations; blast furnace operations; sintering operations; and steelmaking facilities are located on the east end of the facility. Hot rolling; cold rolling; and galvanize, tin and chrome plating operations are located on the west end of the facility. Plate mill operations are located at the far north end of the facility and are owned and operated by Mittal Steel. The plant also includes ancillary facilities to support the production processes, such as steam generating plants, environmental control systems, business administration operations, and shipping and receiving facilities.

Gary Works requires contractors with stationary operations on-site to provide an SWPPP if they meet both of these criteria: (1) there is a potential for storm water to discharge from the contractor's site; and (2) there are materials exposed to storm water or potential pollutants stored on-site. These contractors must prepare SWPPPs in conformance with the NPDES permit for Gary Works. Any revisions to the Gary Works NPDES permit or SWPPP may require revisions to the individual contractor plans. Gary Works retains the right to establish standard contractor BMPs which shall be implemented by the contractor, including, but not limited to, material storage, spill control, fueling, and dust control. Any new drainage system or changes to the existing drainage system on Gary Works' property under a contractor's control require prior approval by Gary Works. Mittal Steel's plate mill facility is considered an on-site lessee and is still currently connected to the Gary Works storm water sewer system. Electronic copies of contractor SWPPPs are retained on the environmental server. A hard copy of each contractor's SWPPP is retained at the contractor's facility. Information regarding contractor SWPPPs is provided in Appendix H of this plan.

2.0 STORM WATER POLLUTION INFORMATION

2.1 Storm Water Pollution Prevention Team

The Plant SWPPP Administrator is responsible for providing adequate structure and direction to the facility's entire storm water management program. The Administrator is also responsible for the development of the plan and ensuring that the plan is regularly updated with assistance from the SWPPP team members. Table 1 lists personnel responsible for implementing, maintaining, reviewing and revising the plan, as required. The goals of the team members are to individually and collectively decide the proper course of action for storm water management at the facility and to be a central point of contact for Gary Works in its efforts to reduce storm water pollution at the facility. The SWPPP team members represent the different production areas at the Gary Works facility. These team members provide first-hand knowledge about the procedures, problems, and possibilities regarding storm water handling in their specific areas. All team members are responsible for and will participate in the implementation of BMPs and in the evaluation of their effectiveness.

Table 1. SWPPP Team Members		
Area	**Operating/Maintenance Area Personnel Responsible**	**Environmental Control Personnel Responsible**
Plant SWPPP Administrator	NA	Manager, Water Compliance
Landfill Areas	NA - Landfills operated by Environmental Control personnel	Area Manager, Environmental Technical Services Manager, Solid and Hazardous Waste
Slip and Ore Yards	Division Manager or Designee	Environmental Compliance Manager
Material and Storage Yards; Blend Pile for Iron Producing	Division Manager or Designee	Environmental Compliance Manager
Repair Shops and Garages	Division Manager or Designee	Environmental Compliance Manager
Contractors	Refer to Appendix H for facility specific contractors/plans	Contractor Services Manager
Coke Plant	Division Manager or Designee	Environmental Compliance Manager
84-Inch Hot Strip Mill (HSM)	Division Manager or Designee	Environmental Compliance Manager
North and South Sheet Mills	Division Manager or Designee	Environmental Compliance Manager
Pickle Lines	Division Manager or Designee	Environmental Compliance Manager
Tin Mill	Division Manager or Designee	Environmental Compliance Manager
Operations Services and Energy	Division Manager or Designee	Environmental Compliance Manager
West Environmental	Division Manager or Designee	Environmental Compliance Manager
Electrogalvanizing Line (EGL)	Division Manager or Designee	Environmental Compliance Manager
No. 14 Blast Furnace	Division Manager or Designee	Environmental Compliance Manager
Utilities and Boiler Houses	Division Manager or Designee	Environmental Compliance Manager
South Blast Furnaces (Nos. 4, 6 & 8) and Auxiliaries	Division Manager or Designee	Environmental Compliance Manager
Sinter Plant	Division Manager or Designee	Environmental Compliance Manager
Steel Producing North	Division Manager or Designee	Environmental Compliance Manager
Steel Producing South	Division Manager or Designee	Environmental Compliance Manager

2.2 Description of Potential Storm Water Pollutant Sources

2.2.1 Site Maps

Site maps are provided in Appendix G. The site maps show: points of discharge of storm water associated with industrial activity; outlines of drainage areas; locations where significant materials are exposed to precipitation; locations of fueling stations; vehicle and equipment maintenance and/or cleaning areas and storage areas; loading/unloading areas; locations used for

the treatment, storage, or disposal of wastes; liquid storage tanks; processing areas; monitoring locations; and paved areas and buildings within drainage areas. The site maps do not show site soil types because soil in the production areas of the plant have been disturbed and filled over decades of site operations and development. Most of the operating areas are composed of slag and other man-made fill material. Appendices B and C detail existing structural control measures used to reduce pollutants in storm water runoff. Appendix D provides locations where major spills or leaks have occurred. Appendix E provides storm water sampling data and the types of discharges. Fluids from the facility are not injected into underground wells and there are no designated snow dumping sites at U. S. Steel – Gary Works.

The Gary Works facility has several mapping systems available that provide information on storm water systems, potential pollution sources, tank locations and other important information. Document control practices encourage the use of referencing site maps as needed to avoid duplication and use of maps in other plans which may not contain the latest revision. Site maps which meet the requirements of several plans may be referenced as a source to avoid document control errors. Please refer to the following plans and documents which provide site maps that can be referenced for use.

- Gary Works SPCC Plan oil tank map system
- Facility water sewer system maps (engineering department controlled maps)

A wetlands map is also provided in Appendix G. The wetlands map shows surface water bodies, springs, and wetlands. For the purposes of this plan, "wetlands" are interpreted to mean areas of surface water as seen in aerial photography and visual observations. Wetlands are designated on the site maps as surface water bodies. The wetlands map is copied from the U. S. Fish and Wildlife Service National Wetlands Inventory.

2.2.2 Inventory of Exposed Materials

Appendices B and C detail the sources of potential storm water pollution as well as the location, pollutants, method of treatment, controls, risk assessment and BMPs. The BMPs are designed to eliminate or significantly reduce storm water pollution. Uncontrolled air emission sources can be a source of materials exposed to storm water. All significant point sources at Gary Works are

equipped with pollution control equipment. The majority of fugitive sources are considered insignificant activities. Air emission sources are not specifically identified for BMP application. The current BMPs that are in use at Gary Works are categorized in Tables 2 and 3 and include structural and non-structural controls.

Table 2. Structural Best Management Practices and Controls	
BMP	**Description**
S1	Plug drain(s) in secondary containment dike(s) to prevent drainage of contaminated storm water
S2	Install, repair and/or maintain berm or diversionary walls/structures as needed (where practical, ensure access roads go up and over berms so berm cut-outs are avoided)
S3	Install, repair and/or maintain bank erosion control system (rip-rap, vegetation, or other structures) as needed
S4	Modify equipment such as valves, piping, flanges, etc. to prevent releases and spills
S5	Raise, seal or plug nearby storm sewer manhole(s)/inlet(s)/pipe(s) or construct runoff swales to prevent contaminated storm water from entering the storm sewer
S6	Provide a secondary containment structure
S7	Repair and maintain secondary containment structure/dike area
S8	Maintain sufficient vegetation along banks and in open areas to prevent wash outs and particulate movement
S9	Maintain drainage system culverts and piping to prevent flooding, specifically in areas that drain into storm water treatment systems

Table 3. Non-Structural Best Management Practices and Controls	
BMP	**Description**
N1	Follow Environmental Management Practice (EMP) 70100008EMP, *Oil and Hazardous Substance Loading and Unloading Practices* for loading and unloading operations
N2	Follow Environmental Management Practice (EMP) 70100005EMP, *Drums and Storage Tank Containment and Inspection* for drum and mobile container(s) storage and handling operations
N3	Dispose of obsolete parts and equipment and, where possible, store functioning equipment indoors
N4	Conduct truck washing operations only in designated areas
N5	Follow street sweeping and dust suppressant procedures for the specified area(s) identified in the latest Gary Works Nontraditional Fugitive Dust Control Plan
N6	Practice inventory control [Just In Time (JIT)] of materials that are potential storm water pollutant sources
N7	Maintain a spill kit in the area of concern
N8	Control traffic through the area to minimize particulate movement
N9	Inspect oil storage tank systems on a regular basis in accordance with the SPCC Plan

A list of existing storm water treatment at Gary Works is provided in Table 4.

Table 4. Existing Storm Water Treatment		
Discharge Point	**Activities in Drainage Area**	**Treatment and Disposal**
Outfall 028 and 030 from Drainage Area 19	Outfalls discharge process and storm water collected from No. 1 and 2 Q-BOP Shops, No. 1 and No. 2 Casters, Machine Shop, Slab Yards, and Mold Preparation Yards. Also drains storm water and non-contact cooling water from Materials Handling, Maintenance Garage, Broadway Street.	Water is pumped from lift stations GW10, GW11 & GW12 into the C-Lot Lagoons. Lagoons provide particulate settling and oil skimming treatment before discharge from Outfall 030.
None	Storm water collected in Ore Yard bays, conveyor tunnels, and the Tower collection pond. Storm water from the iron making production areas.	Storm water is pumped from the iron making areas, ore bays, tunnel sumps, and collection pond into the blast furnace recycle system.
Outfall 040 from Drainage Area 28	Outfall discharges storm water, non-contact cooling water and boiler blowdown from the Electrogalvanizing area.	Goes to Stockton Pond. No discharge from pond.
Outfall 034 from Drainage Area 22	Outfall discharges process water and storm water from Terminal Treatment Plant, Engineering building, Annealing buildings, 84-Inch and 80-Inch Continuous Pickling line, No. 20 Warehouse, 80-Inch Cold Roll facilities, Temper Rolling area, and the Box Annealing area	Flows to Final Oil/Water Separator
Outfall 015 from Drainage Area 8	Drains storm water from Tennessee Street underpass and groundwater.	Pumped to the blast furnace recycle system.
None	Storm water runoff in coal processing area and coal handling areas.	Storm water is pumped into the coal handling settlement basin via 004 lift station, from there, decanted water flows by gravity feed into the Mason Basins (evaporation and percolation).

2.2.3 Spills and Leaks

Appendix D provides a listing of significant spills and leaks of toxic pollutants or hazardous substances dating back three years prior to the effective date of the NPDES permit. This revision of the SWPPP includes release history back to January of 2004. The list is updated within ninety (90) days from the date when a significant spill or leak of toxic pollutants or hazardous substances occurs. Significant is defined, for purposes of this plan, as those releases, discharges or spills which cause reportable contamination of storm water discharges, a reportable

exceedance of a NPDES permitted outfall discharge limitation (including narrative standards), or an exceedance of a reportable quantity (reportable under EPCRA/CERCLA).

2.2.4 Sampling Data

Recent storm water sampling data is provided in Appendix E. The most current storm water sampling data is retained electronically to satisfy document control practices.

2.2.5 Summary of Potential Pollutants

Appendices B and C detail potential sources of storm water pollution. Table 5 lists the general areas of use for pesticides, herbicides and fertilizers at the facility. The most recent data regarding quantities of application is available from the landscaping consultant. Each of the items listed is applied via manual application and is applied seasonally, as needed (the quantity applied varies).

Table 5. Pesticides, Herbicides and Fertilizers Used

Trade Name	Application Location
15-1-10 Fertilizer	Main Office, Hospital, Broadway Berm, Tech Services, Engineering, Visitors Center, Tech Training, Buchanan St.
Trimec	Main Office, Broadway Berm, Tech Services, Engineering, Visitors Center, Tech Training, Buchanan St.
Team 2G	Main Office, Hospital, Broadway Berm, Tech Services, Engineering, Visitors Center, Tech Training
Glyphomate 41	Hospital, Main Office, Broadway Berm, Tech Services, Engineering, Visitors Center, Tech Training, 84" Hot Strip, Workers Memorial, Career Center, Ladle Repair, Security Building, Safety Center, Coke Administration
Krovar	Main Office, #2 Caster, Tech Services, Security Building, Coke Administration
Knockdown	Tech Services, Security Building, 18-2 Building
Pathfinder	Near sampling stations
Garlon	Near sampling stations
Casoron	Tech Services, Central Receiving
Karmex	Main Office, #2 Caster, Workers Memorial

2.2.6 Topographic Maps

Topographic maps of the facility are provided in Appendix G.

3.0 STORM WATER MANAGEMENT MEASURES AND CONTROLS

Gary Works is operated and maintained in such a manner that exposure of storm water to potential sources of significant pollutant materials is minimized. The following subsections provide descriptions of storm water management controls appropriate for Gary Works. The controls are implemented and scheduled in a timely manner. All new installations of tanks and/or containers storing oils or hazardous substances are required to meet secondary containment requirements in accordance with 327 IAC 2-10 and 40 CFR 112 in accordance as follows:

- 327 IAC 2-10 applies to any aboveground tanks storing liquid hazardous materials exceeding a capacity of 660 gallons constructed on or after May 28, 1999; and,
- 40 CFR 112 applies to facilities with an aggregate aboveground oil storage capacity of 1,320 gallons or greater.

3.1 Housekeeping

Each operating and maintenance area is responsible for housekeeping in accordance with the Gary Works Safety Department requirements. Documentation of housekeeping and safety inspections, or walkthroughs, is kept by the individual departments as required by the Safety Department.

3.2 Preventive Maintenance

In order to minimize the storm water exposure to potential pollutant materials, various maintenance activities take place throughout Gary Works, which include, but are not limited to, the practices listed below.

- Good housekeeping
- Equipment maintenance and testing
- Regular sweeping of service roads
- Visual inspections of storage areas, secondary containment areas, loading/unloading zones and parking lots for cleanliness

- Visual inspections of tanks, piping and sumps for water tightness
- Reporting, documenting and recording spills, releases and other environmental incidents

3.3 Spill Prevention and Response Procedures

Proper procedures regarding: spill response and clean up; spill reporting; and routine maintenance and inspection of spill response/clean-up materials and equipment are outlined in the Gary Works ICP. Oil spill prevention is outlined in the SPCC Plan. Spill prevention of other hazardous materials is obtained through physical control structures and numerous internal operating and maintenance procedures. Appendix F provides information on Environmental Incident Reporting procedures. Gary Works has a fully-equipped hazardous materials and emergency response vehicle with highly trained manpower to expedite any type of emergency response events. Additionally, Gary Works has mutual aid agreements with local fire and emergency response agencies.

3.4 Inspections

Visual inspections of designated equipment and areas are conducted on a quarterly basis. Designations are based on risk potential provided in Appendix B and Appendix C. Areas and equipment listed with a risk potential of medium and high are targeted for inspections. An inspection checklist is used to ensure that follow up activities are completed as a result of the inspection findings as needed (sample provided in Appendix F, most recent versions are maintained on the Environmental Control Department server electronically). Completed inspections are retained electronically. All oil storage tanks and loading/unloading areas are inspected regularly in accordance with the Gary Works SPCC Plan and are not included in the inspections under the SWPPP. Additionally, visual inspections are performed after significant rain events to ensure BMPs continue to be effective.

3.5 Employee Training

Environmental and awareness training is conducted at Gary Works for all employees on a variety of subjects, which will include those relating to storm water pollution and prevention. A specific revised session on storm water pollution prevention training will be developed and will become part of the existing annual training program to instruct personnel on the objectives and purpose

of the plan. The training will address the components of the SWPPP including spill response, good housekeeping, and material management practices. Training of all employees on the revised program will begin in 2008.

3.6 Recordkeeping and Internal Reporting Procedures

Gary Works utilizes a reporting system that has been in place for many years. Environmental incident reporting procedures are provided in Appendix F. All environmental incidents are investigated, documented and tracked on an electronic data system accessible through the plant intranet website. Documentation for incidents can be retrieved through this system at any given time.

3.7 Sediment and Erosion Control

The potential pollution source list provided in Appendix B covers specific areas where erosion and sediment accumulation are at issue and includes the existing controls and management practices in place.

3.8 Management of Runoff

General storm water management practices include: good housekeeping procedures, spill prevention training, retention ponds, and diversion structures. The potential pollution source list provided in Appendix B covers specific areas where runoff is at issue and includes the existing controls and management practices in place.

4.0 COMPREHENSIVE SITE COMPLIANCE EVALUATION

An annual comprehensive site compliance evaluation is conducted by a qualified person. A third party consultant is normally employed to conduct the compliance evaluation, however, this evaluation may periodically be done with on-site staff. The evaluation includes the following objectives (a checklist will be develop and sample provided in Appendix F, most recent versions are maintained on the Environmental Control Department server electronically).

- Confirm accuracy of the description of potential pollution sources contained in the plan
- Determine effectiveness of the plan

- Assess compliance with the permit
- Visually inspect areas contributing to a storm water discharge associated with industrial activity for evidence of, or the potential for, pollutants entering the drainage system
- Evaluate measures to reduce pollutant loadings to determine whether they are adequate and properly implemented in accordance with the terms of the permit or whether additional control measures are needed
- Observe structural storm water management measures, sediment and erosion control measures, and other structural pollution prevention measures identified in the plan to ensure that they are operating correctly
- Visually inspect equipment needed to implement the plan (e.g., spill response equipment).

If needed, based on the results of the evaluation, revisions to the plan are completed within two weeks of the evaluation. Any changes are implemented within 12 weeks of the evaluation. Changes may include updates of potential pollution sources and updates of pollution prevention measures and controls.

A report summarizing the scope of the evaluation, personnel making the evaluation, the dates(s) of the evaluation, major observations relating to the implementation of the SWPPP, and actions taken in accordance with the results of the evaluation is made and retained as part of the SWPPP for at least three years after the date of the evaluation. The report identifies incidents of noncompliance. If no incidents of noncompliance are reported during the evaluation, the report will contain a certification statement that the facility is in compliance with the SWPPP and the permit. The comprehensive site compliance evaluation report is kept electronically.

5.0 SWPPP GENERAL REQUIREMENTS

The SWPPP has been certified by a qualified professional. It is retained on-site and is available for review at the Environmental Control Division. The SWPPP is amended whenever there is a change in design, construction, operation or maintenance at the facility which may have a significant effect on the potential for the discharge of pollutants to surface waters of the state, or upon written notice by the Commissioner that the SWPPP proves to be ineffective in achieving

the general objectives of controlling pollutants in storm water discharges associated with industrial activity.

6.0 SUPPLEMENTAL INFORMATION

6.1 Area of Impervious Surfaces

Table 6 lists outfalls and drainage areas for the facility and shows the percentage of impervious surface area in each basin. The fraction of impervious surface area in some parts of the plant is as high as 100 percent. The average percentage of impervious surface area for Gary Works is estimated to be 30 percent. Table 6 is provided on the next page.

Table 6. Areas of Impervious Surfaces				
Outfall	**Watershed**	**Basin Area (Acres)**	**Impervious Area (Acres)**	**Percent Total**
Formerly Outfall 001 now goes to settling basin & mason basin	Coke Plant 001	0.2	0.2	100
Formerly Outfall 003 now goes to settling basin & mason basin	Coke Plant 003	1.2	1.2	100
Formerly Outfall 004 now goes to settling basin & mason basin	Coke Plant 004	4.3	4.3	100
Outfall 005-A	Coke Plant 005	2.8	1.8	64.3
Outfall 005-B	Coke Plant 005	9.8	6.2	66.7
Outfall 010	Coke Plant 010	3.1	2.2	71
Grand Calumet River	Coke Stockpile Area	3.2	0.0	0
SS-1	Drainage Area 8	10	5	50
Outfall 015	Drainage Area 9	20	10	50
SW-04	Drainage Area 10	5	0	0
SW-01, 02, 03	Drainage Area 11	100	55	55
Outfall 017	Drainage Area 12	20	20	100
Outfall 018	Drainage Area 13	50	40	80
Outfall 019	Drainage Area 14	40	30	75
Outfall 020	Drainage Area 15	30	20	65
Outfall 021	Drainage Area 16	45	20	45
USW-01, 02, 03, 04, 05, 06, 07, and Outfall 023	Drainage Area 17	10	5	50
USW-08, 09, 10, 11 & Outfall 026	Drainage Area 18	5	2	40
Outfall 030	Drainage Area 19	220	75	35
Outfall 032	Drainage Area 20	150	40	25
Outfall 033	Drainage Area 21	210	35	15
Outfall 034	Drainage Area 22	375	195	50
SW-05 and USW-20 and -21	Drainage Area 23	5	3	60
Outfall 035	Drainage Area 24	15	5	35
Outfall 036	Drainage Area 25	270	55	20
Outfall 037	Drainage Area 26	25	10	10
Outfall 039	Drainage Area 27	110	30	5
Outfall 040	Drainage Area 28	370	15	5
SW-06	Drainage Area 29	45	35	75
SW-07	Drainage Area 30	5	0	0
SW-08	Drainage Area 32	1	1	100
SW-09	Part of Drainage Area 12	2	2	100
None	Drainage Area 34	170	15	10
None	Drainage Area 35	190	2	1
None	Drainage Area 36	15	10	65
Outfall 026, 028, 030 and USW-12, 13, 22	Drainage Area 37	50	15	30
USW-16, 17, 18, 19	Drainage Area 38	35	15	40
Total Gary Works		**2,622 acres**	**781 acres**	**30**
Note: SW – Surface Water Storm Sample Area; USW – Undesignated Storm Water Drainage Area; SS - UEC Designation from Drainage Plan				

6.2 Risk Assessment and Exposure Reduction

Appendices B and C provide information on exposure reduction assessments and applicable procedures. A risk evaluation was conducted for each identified pollution source and is included in the pollution source inventory matrix located in Appendix B and Appendix C. Three levels of risk were assigned to each area identified.

- High risk areas are identified as areas where pollutants are easily transported by storm water runoff, if exposed or released, and have a direct transport pathway to a body of surface water. These areas are considered priority and may need structural controls or new operation procedures implemented to reduce their pollution potential.
- Medium risk areas are defined as areas which have the potential to release pollutants but lack a direct transport pathway to surface water. These areas can be addressed or resolved with procedural BMPs or relatively low cost structural changes to reduce their potential.
- Low risk areas are defined as areas which do not have a risk to release pollutants because of the nature of the material, the presence of a structural secondary containment system, the area flows into a treatment system designed to handle the maximum flow, or the area is located in an isolated drainage area. Low risk areas do not require additional structural or non-structural BMPs.

Oil storage tanks (and containers) and loading/unloading areas for oil storage tanks are regulated under the Oil Pollution Act (OPA) which requires the facility to develop and implement their Spill Prevention, Control and Countermeasure (SPCC) Plan. This plan is designed to prevent releases of oil to the navigable waters of the United States. Since the objectives of the SPCC and SWPPP plans are the same, we refer to the SPCC Plan source list and risk evaluation for oil tanks, containers and associated loading/unloading areas. The SPCC Plan source list is provided in Appendix C but also refer to the electronic mapping system for the latest container listings and locations.

USS Gary Works is obligated to certify its discharges on the monthly discharge monitoring reports (DMRs) which include analysis of all outfalls which have storm water and non-storm water sources. Daily visual assessments of the storm water drainage systems are conducted

through the Visible Oil Corrective Action Monitoring Plan (VOCAMP) program. Gary Works also has conducted risk assessments regarding storm water risk during the development of the Spill Prevention, Control and Countermeasure (SPCC) Plan (see above) and, to some extent, during the development of the Integrated Contingency Plan (ICP). These risk assessments included interior maintenance activities that may impact storm water sewer systems. Activities to implement the SPCC Plan included projects such as the sealing of interior and exterior manholes and sanitary sewers where potential risk was identified. The facility has ongoing monitoring activities to ensure that any non-storm water contributions are prevented and/or detected in a timely manner. These programs and activities are summarized below.

- Daily NPDES monitoring, sampling and analyses
- Daily VOCAMP observations
- Quarterly SPCC Plan inspections
- Quarterly SWPPP Inspections and Best Management Practices
- Weekly and daily hazardous waste area inspections
- Various operating and maintenance inspections

APPENDIX A

CROSS-REFERENCE FOR PERMIT REQUIREMENTS AND SWPPP SECTIONS

Appendix A – Cross-Reference for NPDES Permit Requirements and SWPPP Sections

New NPDES Permit Section	Old NPDES Permit Section	SWPPP Section	Permit Section Description
K.1	F.4	1.0	Plan requirements: Update 12 months from effective date of NPDES permit
K.1.a	F.4.a	1.0	Plan requirements: Identify potential storm water discharge pollution sources
K.1.b	F.4.b	1.0	Plan requirements: Describe and ensure implementation of practices
K.1.c	F.4.c	1.0	Plan requirements: Assure compliance with permit terms and conditions
K.2.a	New	2.1	Pollution prevention team
K.2.b	F.5.a.(1)(a) thru (g)	2.2	Potential pollutant sources description
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)	2.2.1	Site map
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(i) and F.5.a.(2)(f)	2.2.1	Site map: Discharge points and drainage areas with flow direction
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(iv)	2.2.1	Site map: Structural control measures
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(viii) and (ix)	2.2.1	Site map: Surface water bodies, springs, wetlands
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(iii)	2.2.1	Site map: Materials exposed to precipitation
K.2.b.(2)(A)-(S)	New	2.2.1	Site map: Spills and leaks locations
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(v)	2.2.1	Site map: Miscellaneous locations
K.2.b.(2)(A)-(S)	New	2.2.1	Site map: Discharge types in drainage areas
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(vii)	2.2.1	Site map: Underground injection wells
K.2.b.(4)(A)	F.5.b.(1)(a)	2.2.2	Inventory of exposed materials
NA	F.5.a.(2)(d)(i)	2.2.2	Inventory: 3-year significant materials history
K.2.b.(4)(B) and K.2.b.(5)(C)	F.5.a.(2)(d)(ii)	2.2.2	Inventory: Storage or disposal methods and locations
K.2.b.(6)(C)	F.5.a.(2)(d)(iii) and (iv)	2.2.2	Inventory: Materials management practices
K.2.b.(5)(A)	F.5.a.(2)(d)(v)	2.2.2	Inventory: Structural and nonstructural control measures
K.2.b.(5)(B)	F.5.a.(2)(d)(vi)	2.2.2	Inventory: Storm water treatment description
K.2.b.(4)(D)	F.5.a.(2)(e) and F.5.b.(1)(c)	2.2.3	Spills and leaks listing
K.2.b.(8)	F.5.a.(2)(g)	2.2.4	Sampling data summary
K.2.b	F.5.a.(2)(f)	2.2.5	Potential pollutants summary
K.2.b.(3)	F.5.a.(2)(c)	2.2.6	Topographic map
K.2.b.(7)&(8)	New	3.6	Recordkeeping and internal reporting procedures
K.2.c.(1)	F.5.b	3.0	Measures and controls
K.2.c.(1)	F.5.b	3.0	Controls description
K.2.c.(1)(A)	New	3.1	Control component: good housekeeping
K.2.c.(1)(B)	F.5.b.(2)	3.2	Control component: preventive maintenance

Appendix A – Cross-Reference for NPDES Permit Requirements and SWPPP Sections

New NPDES Permit Section	Old NPDES Permit Section	SWPPP Section	Permit Section Description
K.2.c.(2)	F.5.b.(3)	3.3	Control component: spill prevention and response procedures
K.2.c.(2)	F.5.b.(3)(a)	3.3	Proper spill response and cleanup
K.2.c.(2)	F.5.b.(3)(b)	3.3	Spill reporting
K.2.c.(2)	F.5.b.(3)(c)	3.3	Maintenance and inspection of spill response equipment
K.2.c.(1)(C)&(D)	New	3.4	Equipment testing and area inspections
K.2.c.(1)(E)	New	3.5	SWPPP employee training
K.2.b.(6)(A)	New	3.7	Sediment and erosion control
K.2.b.(6)(B)	New	3.8	Runoff management
K.2.d	New	4.0	Comprehensive site compliance evaluation
K.2.d(1)	New	4.0	Evaluation inspections and review
K.2.d(2)	New	4.0	Evaluation results revision schedule
K.2.d(3)	New	4.0	Evaluation report
K.2.d(4)	New	4.0	Evaluation replacements
K.2.e(1)	F.6.a	5.0	SWPPP certification
K.2.e(2)	F.6.b	5.0	SWPPP availability
K.2.e(4)	F.6.e	5.0	SWPPP revisions
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(ii)	2.1	Site map: paved areas and buildings within drainage area
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(vi)	2.1	Site map: Haz waste TSD facilities including non-RCRA area
K.2.b.(1)	F.5.a.(2)(a)(x)	2.1	Site map: Soil types
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(xi)	2.1	Site map: Existing and proposed USTs
K.2.b.(2)(A)-(S)	F.5.a.(2)(a)(xii)	2.1	Site map: Snow dumping sites
K.2.b.(2)(F)	F.5.a.(b)	6.1	Impervious surfaces
K.2.c.(3)	F.5.b.(1)	6.2	Risk identification/assessment
K.2.b.(4)(E)	F.5.b.(1)(b)	6.2	Identification of chemical toxicity and quantity
K.2.c.(3)	F.5.b.(4)	6.2	Exposure reduction assessment and applicable procedures
K.2.b.(4)(C) and K.2.c.(3)	F.5.b.(4)(a)	6.2	Exposure reduction schedule
K.2.c.(3)	F.5.b.(4)(b)	6.2 and Preface	Exposure reduction certification for non-storm water presence

See SPCC Plan & ICP maps for additional drawing requirements for bulk & containerized materials per K.2.b.(2)(L)&(N).

APPENDIX B

NON-SPCC PLAN SOURCES OF POTENTIAL STORM WATER POLLUTION

Appendix B – Non-SPCC Plan Sources of Potential Storm Water Pollution

(This list does not include aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix C for others.)

Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
LANDFILLS						
BOP Landfill Disposal (NE of Coke Plant)	Solid waste from plantwide disposal units	Oil, grease, metals, particulates	None	Landfill closed and capped	Low	None
HWD-2 Tar Sludge Landfill Disposal	Tar Sludge (Hazardous Wastes)	Oil, grease, metals, particulates	None	None	Medium	None
Refuse Disposal Landfill (East Site)	Municipal Solid Waste, Construction/Demo Debris	COD, metals, particulates	None	None	Medium	None
Western Landfill	TTP Sludge, Oil Separator Sludge	Oil, grease, particulates	None	None	Medium	Closure Plan filed with IDEM 3/91, waiting approval, future cap will provide control
South of Alloy Control	Waste pile (wood, soil, construction debris)	Particulates	None	Isolated drainage area	Low	None
HWD-5 Landfill (Inactive)	EAF Scrubber Filter Cake, SPL Sludge, SPL Filter Cartridges, other Hazardous Wastes	Metals and particulates	None	None	Medium	Closure Plan filed with IDEM 3/91, waiting approval, future cap will provide control
Scrap Recovery Area (Northeast corner at Lakefront)	Scale, sinter, salvage materials	Particulates	None	Grading and berms to control runoff	Low	Maintain berms – S2
HWT-2 Neutralized Waste Acid Lagoons (Inactive)	Acidic and alkaline wastes	Metals, particulates	None	None	Medium	Closure Plan filed with IDEM 7/91, waiting approval, future cap will provide control
SLIP AND ORE YARDS						
West Ore Yards West, East and Middle Bay	Taconite pellets, fines, blast furnace trim	Particulates	None	Isolated drainage area, storm water accumulation is pumped into the Blast Furnace Recycle	Low	None
West Ore Yards West and Middle Bay	Sinter	Particulates	None	Isolated drainage area, storm water accumulation is pumped into the Blast Furnace Recycle	Low	None
West Ore Yards Middle Bay	Salvage material, spare parts	Particulates, oil, grease	None	Isolated drainage area, storm water accumulation is pumped into the Blast Furnace Recycle	Low	None
Ore Yard East Spares	Miscellaneous metal parts	Particulates, oil, grease	None	None	Low	None

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
East Ore Yards Unloading Area	Various materials including coke and slag	Particulates, other materials	None	None	Medium, no protection from runoff in area near piers	Inventory control – N6
West Ore Yards Office	Gasoline tank	Gasoline	None	Secondary Containment	Low	Follow N1 loading/ unloading procedure
West Ore Yards Road Along Slip	Paved road, unpaved apron	Particulates, oil, grease	None	None	High	Street sweeping – N9 (per fugitive dust control plan)
Hole-In-the-Wall at West Ore Yard	Taconite pellets, fines	Particulates	None	None	High	Street sweeping – N9 (per fugitive dust control plan)
East Ore Yards Road Along Slip	Paved road, unpaved apron	Particulates, oil, grease	None	Slag berms between road and slip	Low	Street sweeping – N9 (per fugitive dust control plan)
East Ore Yards Lower Road at Boathouse	Lower road	Particulates, oil, grease	None	Slag berms between road and slip but open area at boathouse	Medium	Install and maintain berms at boathouse near road entry area – S2
East Ore Yards South Of Slip Parking Area	Road/parking area south of boat slip	Particulates, oil, grease	None	None	Low	None
NO. 14 BLAST FURNACE AREA AND NO. 4 BOILER HOUSE AREA						
Granulator	Granulated slag	Particulates	Blast Furnace Recycle	None	Low	None
BF14 Maintenance Storage Building	Spare metal parts, electric wire	Particulates	Blast Furnace Recycle	None	Low	None
South of BF14 Filter Building	Coke breeze	Particulates	Blast Furnace Recycle	None	Low	None
North of Slag Pits East of Butler Building	Pile of slag, impurities metal	Particulates	Blast Furnace Recycle	None	Low	None
North of Butler Building	Spare Parts	Particulates	Blast Furnace Recycle	None	Low	None
North of Cooling Tower	Raw material stock piles	Particulates	Blast Furnace Recycle	Unloaded by truck continuous change	Low	None

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
Manholes under Furnace	Cooling Water	Coke dust	Blast Furnace Recycle	None	Low	None
South of BF14	Misc. metal storage	Particulates	None	None	Low	None
SOUTH BLAST FURNACES AND AUXILLIARIES						
North of # 4 Slag Pit	Slag, cooling water	Particulates	Blast Furnace Recycle, isolated drainage area	Sand barrier	Low	None
North of Central Pump House West of # 8 Blast Furnace	Electric Wire, Construction Equipment	Particulates	Blast Furnace Recycle	None	Low	None
C-Lot Lagoons Area	Roads (Very infrequent traffic - little pollutant accumulation)	Particulates, oil, grease, dust suppressant	C-Lot Lagoon	None	Low	Street sweeping – N13 (per fugitive dust control plan)
North of Maintenance Machine Shop to # 4	Blast furnace spare parts, scrap metal	Particulates	Blast Furnace Recycle	None	Low	None
West of Ladle Storage	Scrap metal, blast furnace spare, refractory rubble	Particulates	None	None	Low	None
South of Ladle Storage	Ladle spare material	Particulates	None	None	Low	None
SE corner of Maintenance Machine Shop	Drum storage DUSBLOC (flocculant)	Flocculant chemical	Blast Furnace Recycle	None	Low	None
West of PCI West Building	Group lift station west of #10	Recycle water	Blast Furnace Recycle	Storm sewer manhole raised	Low	None
# 4 BF Iron Loading C-Track	Service water, mix with surface runoff	Dust, coal	Blast Furnace Recycle	SS inlet in confined low area south of iron loading at BF #4; manhole is raised; sump pumps to BFRW system	Low	None
# 6 and # 8 BF Iron Loading C-Track	BFRS cooling water, mix with surface runoff	Dust, coal	None	Storm sewer manhole raised	Low	None
Gravel Road	NE of BF blowdown plant	Asphotec, particulates	Blast Furnace Recycle	None	Low	None
North of BFRS Settling Basin	Nalco 10,000 gallon above ground tank	Caustic	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
East of BFRS Settling Basin	Nalco 6,000 gallon above ground tank	Corrosion inhibitor	Blast Furnace Recycle	None	Low	Follow N1 loading/ unloading procedure
East of BFRS Settling Basin	Nalco 2,000 gallon above ground tank	Scale inhibitor	Blast Furnace Recycle	None	Low	Follow N1 loading/ unloading procedure

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
North of BFRS Settling Basin	Nalco 400 gallon porta feed	Scale inhibitor	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
C Lot Lagoons GW 10 Pump Station	Nalco 3,000 gallon above ground tank	Coagulant	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
SINTER PLANT						
North Side Pumphouse # 4	Electric motors, cables, non-PCB machinery, steel pallets, various sheet metals	Particulates, oil, grease	None	Sheet metals are covered and isolated drainage area	Low	None
NE Corner of Maintenance Repair Facility	Spare equipment storage	Particulates, oil, grease	None	Isolated drainage area	Low	None
East of Sinter Plant West of Road	Wood, metals, rubber, debris for disposal	Particulates	None	Materials stored in bins	Low	None
South and East of Environmental Recycling System Operations Bldg.	Steel containers 4'x4'x5' NALCO	Coagulant, scale inhibitor	None	Secondary containment and isolated drainage area	Low	None
South and East of Environmental Recycling System Operations Bldg.	Miscellaneous pump parts (hoses, valves, etc.)	Particulates	None	Isolated drainage area	Low	None
North of Lancy Environmental Recycling System Operations Bldg.	Steel rollers, miscellaneous tanks and drums	Particulates	None	Isolated drainage area	Low	None
Sinter Plant Blend Piles	Roads around piles	Particulates, oil, grease	None	None	Low	None
North and East of Sinter Plant—Spares Yard	Salt pile	Particulates, salt	None	Isolated drainage area	Low	None
North and East of Sinter Plant—Spares Yard	Miscellaneous machine parts, electric motors	Particulates, oil, hydraulic fluid, grease	None	Isolated drainage area	Low	None
Sinter Plant Blend Piles along East Side of Slip	Various materials, sinter, limestone, dolomite, mill scale, taconite pellets, fines, flue dust, steel slag, recycle sludge, coke breeze	Particulates	None	None	Medium	None

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
Sinter Plant Blend Piles along Lake	Same as along slip	Particulates	None	None	Medium	Install berms in open areas where slip meets lake, maintain existing berms – S2
Sinter Plant Blend Piles Inland	Same as along slip	Particulates	None	Isolated drainage area	Low	None
Sinter Plant Storage	Equipment spares and storage	Particulates	None	Isolated drainage Area	Low	None
South of Sinter Plant—Spares Yard	Machinery, abandoned fuel tank, scrap steel	Particulates	None	Isolated drainage area	Low	None
West Side of Sinter Plant, East of Sub-Station # 8	Down chute from bldg.	Sinter residue	None	Mobile containment bins to catch sinter residue	Low	None
East Side of Sinter Plant, East of Sub-Station # 8	Down chute from bldg.	Sinter residue	None	Mobile containment bins to catch sinter residue	Low	None
Raw Materials Storage Area	Various materials, taconite pellets, limestone, dolomite	Particulates	None	Pile maintenance	Medium	Modify drainage pipes under road
REPAIR SHOPS AND GARAGES						
Main Garage	Miscellaneous metal parts, motors, tire storage, portable tanks, lube drums, salt bags	Particulates, oil, grease	C-Lot Lagoons	None	Low	None
Machine Shop, Annex, Electrical Shop, Steel Producing Shop, Wire House, and Construction Garage	Miscellaneous metal parts, scrap metal, conduit	Particulates	C-Lot Lagoons	None	Low	None
Main Garage East Parking Area	Parking area for heavy equipment	Particulates, oil, grease	C-Lot Lagoons	None	Low	None
South of Main Garage	Spent engine coolant tank	Antifreeze	C-Lot Lagoons	Secondary containment	Low	Follow NI loading/ unloading procedure; Spill kit – N7
West End of Main Garage Parking Area	Parking area for heavy equipment	Particulates, oil, grease	C-Lot Lagoons	None	Low	None
Steam Cleaning Building	Equipment steam cleaning	Particulates, oil, grease	C-Lot Lagoons	Concrete pad sloped to trench drain	Low	None
Locomotive Repair	Locomotive wash track	Particulates, oil, grease	C-Lot Lagoons	None	Low	None
Locomotive Repair	Railroad lines	Particulates, oil, grease	None	Isolated drainage area	Low	None

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
Machine Shop, Annex, Steel Producing Shop, Electrical Shop, Wire House, Pattern Shop, Construction Garage	Roads	Particulates, oil, grease	C-Lot Lagoons	None	Low	Street sweeping – N13 (per fugitive dust control plan)
South of Machine Shop	High pressure cleaning area	Particulates, oil, grease	None	Secondary containment and isolated drainage area	Low	None
Fueling Station (UST)	Underground tank filling area	Gasoline	C-Lot Lagoons	Curbing to protect/contain pipes, swaled area along riverfront	Low	Follow N1 loading/ unloading procedure; Spill kit – N7
Broadway Street Training Building	Parking area	Particulates, oil, grease	C-Lot Lagoons	None	Low	None
84 INCH HOT STRIP MILL						
Slab Storage Yards (P and N Yards) Near Lake	Roads	Particulates, oil, grease, dust suppressant	None	Isolated Drainage Area	Low	Street sweeping – N13 (per fugitive dust control plan)
South Side of Roughing Mill Scale Pit	Mill scale	Particulates	None	Covered by canopy; area slopes into canopy area and drains to oil/water separator	Low	None
West end of 84-Inch Strip Mill	Miscellaneous metal debris	Particulates	None	None	Low	Dispose of obsolete equipment - N8
84-Inch Mill - Southwest Side	Mill scale pit	Oil, grease	None	Covered by canopy and isolated drainage area	Low	None
SHEET MILL						
Near Fire Dept. Station No. 2	Fueling station (USTs)	Fuel	Final Oil Separator	No Containment	Medium	Follow N1 loading/ unloading procedure; Spill kit – N7
East Side of South Sheet Mill	Above ground storage tank unloading zone (out of service)	Sulfuric acid	None		Low	None
PICKLE LINES						
84-Inch Spent Pickle Liquor Loading Station	Loading station	Spent pickle liquor	None	Containment curbing sloping to drain; 3-way valve leading back to Pickle Line sump	Low	None
80-Inch Spent Pickle Liquor Loading Station	Loading station	Spent pickle liquor	None	Containment curbing sloping to drain; 3-way valve leading back to Pickle Line sump	Low	None

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
North Pickle Acid Storage Tanks	Aboveground storage tanks (2-25,000 gal vertical & 4-20,000 gal)	Hydrochloric acid	None	Secondary containment (stormwater tested for pH and pumped via N pump station)	Low	Follow N1 loading/ unloading procedure
South Pickle Line	Loading zone	HCl	None	None	Low	Follow N1 loading/ unloading procedure
North Pickle	Loading zone	HCl	None	None	Low	Follow N1 loading/ unloading procedure
West End of South Pickle Mill	Chopped scrap handling	Particulates	None	Stored in dumpster and hauled away when full	Low	None
South Pickle Acid Storage Tanks	Above ground storage tanks (4-15,000 gal)	HCl	None	Secondary containment	Low	None
N. wall of 84" Pickle – just East of "N" pump	Unloading zone for CLR	CLR	None	Containment under valve and coupling	Low	Follow N1 loading/ unloading procedure
North Pickle SPL Storage	Aboveground storage tanks (3-35,000 gal)	Ferrous chloride solution	None	Secondary containment with isolation valves between tanks	Low	None
TIN MILL						
Storage area by washrooms	Miscellaneous equipment	Oil, grease	Oil/water separator	None	Low	None
OPERATIONS SERVICES						
Carpenter Shop (Near Tin Mill Gate)	Sawdust	Particulates	None	Building enclosure	Low	None
Between Transportation Annex and Truck Stop 720	20 semi tractors	Oil, grease	None	On concrete slab	Low	None
West Ore Yards Water Intake Pumphouse 1	Sodium hypochlorite tank	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
West Ore Yards Water Intake Pumphouse 2	Sodium hypochlorite tank	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
East Ore Yards Water Intake Pumphouse 3	Sodium hypochlorite tank	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
East Ore Yards Water Intake Pumphouse 4	Sodium hypochlorite tank	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
Between Transportation Annex and Truck Stop 720	Garage with strip drain inside the building	Oil	None	Drain plugged with concrete	Low	None
South of South Sheet Mill, North of Route 14	Road salt	Salt	None	Stockpiled inside building	Low	None

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
Hospital, Virginia St., Pass Control and Contractor's Parking Lots	Roads and paved areas	Particulates, oil, grease	None	Gravel parking areas facilitate drainage into soil	Low	None
WEST ENVIRONMENTAL						
Finishing Mill Scale Pit Dragout House	Oil, hydraulic fluid spillage	Oil, grease, hydraulic fluid	None	None	Low	Spill Kit – N7
84-Inch Recycle SW Corner Filter Gallery	Exhaust vent	Oil, grease	None	Isolated drainage area	Low	None
North Sheet Mill - South Side No. 4 API	Oil spills on ground	Oil, grease	None	None	Low	Spill kit BMP - N17
Chrome Treatment	Aboveground storage tanks (2 - 7,150 gal.)	Sodium bisulfate	None	Secondary containment (stormwater goes to treatment system)	Low	Follow N1 loading/ unloading procedure
Chrome Treatment	Aboveground storage tank (7,900 gal.)	Sulfuric acid	None	Secondary containment (stormwater goes into treatment system)	Low	Follow N1 loading/ unloading procedure
Chrome Treatment	Aboveground storage tank (7,000 gal)	Empty (unused tank)	None	Secondary containment	Low	SO2 tank was never put in service.
North side of Waste Acid Plant - West Side	Aboveground storage tanks (2 - 150,000 gal)	Ferrous chloride	None	Secondary containment with isolation valve	Low	Follow N1 loading/ unloading procedure
West Side of Lakeside Pump Station	Aboveground storage tank (2,000 gal)	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
Chrome Building - South Side of Waste Acid Building	Loading station	Sulfuric acid	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
Waste Acid - North side	Truck loading zone	Ferrous chloride	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
Waste Acid - East side	Unloading zone	Ferrous chloride	None	Contained over loading valve	Low	Follow N1 loading/ unloading procedure
84-Inch Recycle SE Corner of Process Hotwell	Totes	Sodium hydroxide	None	None	Low	None
84-Inch Recycle Cooling Tower	Aboveground storage tank	Acid	None	Secondary containment (out of service)	Low	Follow N1 loading/ unloading procedure
Terminal Treatment Plant - Southeast Corner	pH adjust tank	Chromic acid waste	Containment water goes back to pH adjust tank	Secondary containment	Low	Follow N1 loading/ unloading procedure

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
Northwest side of Terminal Treatment Plant	Unloading zone	Lime slurry	None	Substandard containment. Pit for hose only.	Low	Follow N1 loading/ unloading procedure; Spill kit – N7
EGL Utility Building - South Side	Drain	Water from sump	None	None	Low	None
NE Corner of Boiler Water Treatment Plant	Aboveground storage tank	Sulfuric acid	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
NE Corner of Boiler Water Treatment Plant.	Salt tank for water softener	Salt	None	None	Low	None
North Pickle Waste Acid Pump Station	Loading/ unloading area	Spent ferric chloride	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
South Pickle Waste Acid Sump	Loading area	Spent ferric chloride	None	None	Low	Follow N1 loading/ unloading procedure
North & South Pickle Emergency loading station	Loading/unloading areas	Acid	None	None	Low	Follow N1 loading/ unloading procedure
84-Inch Recycle Thickener Sludge Boxes	Oil sludge in roll-off boxed (partly under canopy cover)	Oil, oil sludge	None	Drain into scale pit (temporary loading facility)	Low	Spill kit – N7
NE Corner of Finishing Mill Scale Pit	Aboveground tank (approx. 1,000 gal.)	Mineral spirits	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
Chrome Treatment – South side of waste acid bldg	Chemical loading area (sodium bisulfate and sulfuric acid)	Sodium bisulfate and sulfuric acid	None (drains to sump pit)	Drip pans at loading nozzles only; no loading/ unloading containment	Low	Follow N1 loading/ unloading procedure
Terminal Treatment Plant - Southeast Corner	Chrome clarifier	Chromic acid waste	None	None	Low	None
NE Corner of Boiler Water Treatment Plant	Sulfuric acid loading area	Sulfuric acid	None	None	Low	Follow N1 loading/ unloading procedure
North of east side of Chrome Treat Bldg	Aboveground storage tank	Caustic	None	Pipe to bldg has double-walled tank & secondary containment	Low	None
East of T1 Pump Station	Totes	Acid & purate	None	Secondary containment pallets	Low	None
HSM Cooling Tower	Aboveground storage tank (2,000 gal)	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
Across from ST17	Aboveground storage tank (2,000 gal)	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
ELECTROGALVANIZING						
North Side of EGL	Aboveground emergency tank (22,000 gal; normally empty)	Plating solution and process water	None	Slag containment berm	Low	None

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
East Side of EGL	Two aboveground storage tanks (15,000 gal)	HCl acid	None	Secondary containment	Low	Follow N1 loading/ unloading procedure; Spill kit – N7
East Side of EGL	RR track unloading	HCl acid	None	Curbing	Low	Follow N1 loading/ unloading procedure; Spill kit – N7
North side of EGL	Zinc residue (zinc chips)	Zinc residue	None	Accumulated in containment on concrete pad	Low	None
STEEL NORTH & SOUTH						
Slab Storage H Yard Inland	Roads	Particulates, oil, grease, dust suppressant	None	Isolated drainage area	Low	None
Alloy Control Storage Piles	Various alloys, manganese, silicate, chrome	Particulates	None	Isolated drainage area	Low	None
# 1 BOP Mold Yard	Air particulates	Particulates	None	None	Low	None
North of # 1 BOP scrap	Dumpsters, ladle plugs and round stock	Particulates	None	None	Low	None
Southern end of 46-Inch plate mill across route	Miscellaneous scrap metal debris	Particulates	C-Lot Lagoons	None	Low	None
Slab cooling water area	Steel slabs	Particulates	C-Lot Lagoons	None	Low	None
Slab cooling water area	Slag, brick, cement, metal, tires, ladles, equipment	Particulates	C-Lot Lagoons	None	Low	None
East and North of # 1 BOP shop	Slag piles and limestone unloading facility	Particulates	None	Roof and 3 walls; 1" to 1 1/2" lime stone is trucked in and unloaded over a grated floor	Low	None
East of Flux Station	Slag piles and other piles	Particulates	None	Isolated drainage area	Low	None
South of Tundish Repair Storage and Raw Materials	Wood dumpster, bricks, wood pallets, chemical "slag pot"	Particulates	C-Lot Lagoons	None	Low	None
Degasser Wire Storage Area	Spools of aluminum and carbon	Particulates	None	None	Low	None
South of Cooling Towers (Hood Cooling)	Aboveground storage tank (2,000 gal)	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
West # 1 Thickener	UST, fuel pump	Diesel fuel	None	Secondary containment; standard pump (for lift trucks)	Low	Follow N1 loading/ unloading procedure; Spill kit – N7

Appendix B – Non-SPCC Plan Sources of Potential Storm Water Pollution

(This list does not include aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix C for others.)

Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
East of Mixer Under Highline at QBOP	Aboveground storage tank	Desulfurized material (powder)	None	None	Low	None
North of Substation 93	Plastic containers	HCl acid	None	Under steel canopy	Low	None
North of # 3 Open Hearth (old plans)	Miscellaneous scrap, misc. drum storage, standing tank	Miscellaneous materials	None	Isolated drainage area	Low	None
North of # 2 Caster East of Oil Storage Tank	Wood pallets	Particulates	None	Isolated drainage area	Low	None
# 1 BOP Gas Cleaners	Aboveground storage tanks (2)	Coagulant (1 Tank), flocculant (1 Tank)	None	Secondary containment for one tank and none for the second tank.	Low	Follow N1 loading/ unloading procedure; Spill kit – N7
HCl Acid Storage for Etch Lab	Drum storage	HCl acid	C Lot Lagoons	Under steel canopy on elevated concrete slab next to HCl AST (out of service.)	Low	Follow drum storage and handling procedure – N2
# 1 Continuous Caster - NPDES Outfall 603	Aboveground storage tank - 905 gallons	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure – N1; Spill kit – N7
H, P, 80, M, 74R and Annex Yard	Slabs	Particulates	None	Isolated drainage area	Low	None
N Yard	Slabs	Particulates	None	Isolated drainage area	Low	None
K Yard	Slabs	Particulates	None	Isolated drainage area	Low	None
K Yard	Blast furnace scrap	Particulates	None	Isolated drainage area	Low	None
LMF Substation and Filter Building	400 gallon tank	Bleach	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
NE # 1 BOP – Desulfurization Building	Aboveground storage tank	Desulfurized material	None	None	Low	None
# 1 BOP Gas Cleaners	Aboveground storage tank – 500 gallon porta feed	Flocculant	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
# 1 BOP Gas Cleaners	Abvoeground storage tank	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
# 1 BOP Gas Cleaners	Aboveground storage tank	Polymer	None	Tank failure leads to dirty water sump	Low	Follow N1 loading/ unloading procedure
# 1 BOP Gas Cleaners	Aboveground storage tank	Sodium hydroxide	None	Tank failure leads to dirty water sump	Low	Follow N1 loading/ unloading procedure
# 1 BOP Gas Cleaners	Tote	Polymer	None	Tank failure leads to dirty water sump	Low	Follow N2 mobile container storage and handling procedure

Appendix B – Non-SPCC Plan Sources of Potential Storm Water Pollution

(This list does not include aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix C for others.)

Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
# 1 BOP Gas Cleaners	Aboveground storage tank	Polymer	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
# 1 BOP Gas Cleaners	Aboveground storage tank	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
East of Q-BOP	Aboveground storage tank – 8,500 gal	Magnesium powder	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
West of # 2 Caster	Aboveground storage tank – 3,000 gal	Sodium hypochlorite	None	Secondary containment	Low	Follow N1 loading/ unloading procedure
North of Q-BOP	3 Nalco Totes: 1-1,000 gal, 2-250 gal	Ultrion 8187, Nalclear, Nalco 1337	None	Secondary Containment	Low	Follow N2 mobile container storage and handling procedure
COKE & BYPRODUCTS						
Coal Handling Loadout Station (east of pulverizer bldg)	Loadout activities and spilling of coal and coal fines	Coal fines	None	Isolated drainage area	Low	None
West Coal Yard, East Coal Yard and Coal Handling Road	Coal piles and roadway traffic	Coal fines	Runoff from roads and general area drain into trench system & settling basin	Road regraded to slope northward away from river bank; coal piles are isolated drainage areas; jersey barriers are placed tightly along entire bank south of road to prevent runoff.	Low	Maintain jersey barriers along south edge of roadway – S2. Limit traffic on Coal Handling Road – S8. Maintain vegetation along river bank – S9.
Coke Stockpile Area (east end near Central Teeming)	Coke piles	Particulates, coke fines	None	Isolated drainage area	Low	None
Air Compressor Building	Drums, other mobile containers	Alumina desiccant	None	None	Low	Follow N2 mobile container storage and handling procedure
Material Storage Yard (North Yard)	Gearboxes, electrical motors	Oil	None	Enclosed drainage area	Low	None
Material storage yard - Bone yard	Salvage materials	Oil, grease	None	Enclosed drainage area	Low	Dispose of obsolete parts & equipment – N3

Appendix B – Non-SPCC Plan Sources of Potential Storm Water Pollution
(This list does not include aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix C for others.)

Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
Outfall 001, 003 and 004 (Grand Calumet River)	Stormwater runoff and drainage formerly from coal handling production areas.	Coal fines, particulates	Outfalls 001 & 003 permanently plugged in 1997, Outfall 004 plugged with gate valve in 1997, all stormwater runoff is routed from these collection systems into settling basin (along south side of Pile 8) via 004 lift station and trench system. Settling basin gravity feeds into Mason Basins (stores stormwater for evaporation and/or percolation).		Low	Maintain settling basins and trenches to maintain free flow and prevent flooding – S9
Outfall 002 (Grand Calumet River)	Stormwater runoff and drainage formerly from 13, 14, 15 & 16 Batteries areas	Coal fines and particulates	Outfall 002 system permanently plugged in 11/93. Areas that formerly fed into system are now isolated drainage areas which pond and percolate.		Low	None
Outfall 005	Runoff	Coal fines	None	Sewer leg leading to outfall passes under coal handling. Two affected manholes were sealed and raised.	Low	None
Outfall 010	Contaminated groundwater infiltration	Contaminated groundwater	None	Sewer is slipped lined	Low	None
Outfall 010	Aboveground storage tank	Sodium bisulfite	None	Secondary containment	Low	None
Ammonia Sulfate	Ammonium sulfate stockpile/loadout	Ammonium sulfate	None	Partially enclosed	High, runoff drains directly north towards 2 storm sewer manholes	Need to raise or otherwise protect two sewers just north of the sulfate loadout area – S5.
Tops of 2 & 3 Batteries	Wash downs	Coal fines, organics	None	Drains rerouted to pusher pad, isolated drainage area	Low	None
Tops of 5 & 7 Batteries	Wash downs	Coal fines, organics	None	Respective sewers are plugged	Low	None
On top of Coke Batteries	2 Battery E&W, 3 Battery E&W	Water glycol	None	Enclosed drainage area	Low	None
On top of Coke Batteries	5/7 Battery E&W	Water glycol	None	Enclosed drainage area	Low	None
East of Booster House	T370A & T370B	Sulfuric acid	None	Secondary containment	Low	None
Ammonium Sulfate	T371A/B slurry tanks	Ammonium sulfate slurry	None	Secondary containment	Low	None
WWTP Area 3W	T-7600	Magnesium hydroxide slurry	None	None	Low	None
WWTP Area 3W (inside sludge bldg)	T-7510	Sludge press filtrate (process water)	None	Secondary containment	Low	None

Appendix B – Non-SPCC Plan Sources of Potential Storm Water Pollution

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Location	Significant Material/Source	Potential Pollutant	Method of Treatment	Existing Controls	Risk	Recommended BMP
WWTP Area 1W (inside pumphouse)	T-7040	Polymer	None	Secondary containment	Low	None
Desulf Plant	TK-1020	Rich MEA	None	Secondary containment	Low	None
Desulf Plant	TK-1080	Lean MEA	None	Secondary containment	Low	None
Desulf Plant	TK-1200	COG condensate	None	Secondary containment	Low	None
Desulf Plant	TK-3060	Molten sulfur	None	Secondary containment	Low	None
Desulf Plant	TK-3820	COG drip	None	Secondary containment	Low	None
Desulf Plant	TK-5010 & TK-5030	Condensate	None	Secondary containment	Low	None
Desulf Plant	TK-6010 & TK-6030	Reclaimer waste	None	Secondary containment	Low	None
Desulf Plant	TK-6020	MEA	None	Secondary containment	Low	None
Desulf Plant	TK-6040	Lean/Rich MEA	None	Secondary containment	Low	None
Desulf Plant	TK-6060	Anti-Foam	None	Secondary containment	Low	None
Desulf Plant	T-6050	Not in service (old KOH tank)	None	Secondary containment	Low	None
Desulf Plant	Aboveground storage container	Corrosion inhibiter	None	Secondary containment	Low	None
Desulf Plant	Aboveground storage container	Steam aid	None	Secondary containment	Low	None

APPENDIX C

SPCC PLAN SOURCES OF POTENTIAL STORM WATER POLLUTION

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Coke									
South Of Desulf Plant	E-Cp-Chl-Ls-102	T1200 COG Condensate Unloading	COG Condensate	5,000	Unloading Station		Pavement	Low	
Coal Handling Office Bldg - Northwest	E-Cp-Chl-Ls-201/202	Coal Handling Diesel Receiving	#2 Diesel Fuel	7,000	Unloading Station		Curbing	Low	
Fine Coal Bldg - West	E-Cp-Chl-Ls-214	Small #2 Diesel Tank At Fine Coal Bldg Loading Station	#2 Diesel Fuel	3,000	Unloading Station		Paving	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Coal Handling Office Bldg - West	E-Cp-Chl-Ls-444	Cookie Pan	Tar	1,000	Unloading Station		Steel Walls & Curbing	Low	
Fine Coal Bldg - East Side Across To Bulk Oil Bldg	E-Cp-Chl-Pl-429	#2 Diesel Distribution Piping	#2 Diesel Fuel			Welded Steel	No Containment	Medium	
Rotary Dump Bldg - West End, Second Floor	E-Cp-Chl-Pt-207	Rotary Dump Bldg Hydraulic Tank	Hydraulic Oil	300	Hydraulic System	Welded Steel	Metal Curbing	Low	
Rotary Dump Bldg	E-Cp-Chl-Pt-422A/B/C	Rotary Dump Reducers A, B, & C	Lube Oil	<150	Gear Box	Welded Steel	Bsmt / Cooling Sys	Low	
Fine Coal Bldg - Fourth Floor	E-Cp-Chl-Pt-423A/B	71-D Conveyor Reducer A & B	Lube Oil	<300	Gear Box	Welded Steel	Floor / Coal	Low	
Fine Coal Bldg - Fifth Floor	E-Cp-Chl-Pt-424A/B	72-D Conveyor Gear Boxes A & B	Gear Oil	<110	Gear Box	Welded Steel	Floor	Low	
Fine Coal Bldg - Fourth Floor	E-Cp-Chl-Pt-425	11-1-G Conveyor Reducer Gear Boxes	Gear Oil	<117	Gear Box	Welded Steel	Floor	Low	
Fine Coal Bldg - Fourth Floor	E-Cp-Chl-Pt-426	11-1-D Conveyor Reducer	Lube Oil	<117	Gear Box	Welded Steel	Floor	Low	
Fine Coal Bldg - Thrid Floor	E-Cp-Chl-Pt-427	Coal Breaker Gear	Gear Oil	<90	Gear Box	Welded Steel	Floor	Low	
Fine Coal Bldg - Second Floor	E-Cp-Chl-Pt-428a/B/C/D	Paddle Mixers A, B, C, & D	Lube Oil	<470	Gear Box	Welded Steel	Floor	Low	
Coarse Coal Bldg - Seventh Floor	E-Cp-Chl-Pt-430A/B	9-1-D Conveyor (A & B)	Lube Oil	<300	Gear Box	Welded Steel	Floor	Low	
Coarse Coal Bldg - Seventh Floor	E-Cp-Chl-Pt-431	9-2-D Reducer	Lube Oil	<60	Gear Box	Welded Steel	Floor	Low	
Coarse Coal Bldg - Sixth Floor	E-Cp-Chl-Pt-432A	10-1-J Conveyor Gear Box	Gear Oil	<90	Gear Box	Welded Steel	Floor	Low	
Coarse Coal Bldg - Sixth Floor	E-Cp-Chl-Pt-432B	10-1-I Conveyor Gear Box	Gear Oil	<90	Gear Box	Welded Steel	Floor	Low	
Coarse Coal Bldg - Sixth Floor	E-Cp-Chl-Pt-432C	10-1-K Conveyor Gear Box	Gear Oil	<90	Gear Box	Welded Steel	Floor	Low	
D Tower - Fourth Floor	E-Cp-Chl-Pt-435A/B	15-1-H Conveyor Gear Box In Tower D	Gear Oil	<140	Gear Box	Welded Steel	No Containment	Low	
#4 Coal Tank Bldg	E-Cp-Chl-Pt-436	14 Conveyor Gear Box	Gear Oil	<60	Gear Box	Welded Steel	Coal Tank	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
#3 Coal Tank Bldg	E-Cp-Chl-Pt-437a/B	16 Conveyor Gear Box (A & B)	Gear Oil	<90	Gear Box	Welded Steel	Coal Bin	Low	
#5 Coal Tank Bldg - Top	E-Cp-Chl-Pt-439	12 Conveyor Gear Box	Gear Oil	<95	Gear Box	Welded Steel	Coal Bin	Low	
E Tower - Fourth Floor	E-Cp-Chl-Pt-440A/B/C	14-1 & 2 F Conveyor Gear Boxes (A, B, & C)	Gear Oil	<120	Gear Box	Welded Steel	Floor	Low	
D Tower - Above Valve House	E-Cp-Chl-Pt-Mag	Conveyor Magnet	Ol Non-PCB		Magnet	Welded Steel	1) Coal Shaft / Conveyor / Tank / #2 Coke Battery; 2) Coal Shaft / Structure / Ground	Low	
Area 3W - Blower Bldg	E-Cp-Chl-Sa-085	WWTP Area 3W Blower Room Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
Laboratory - Northeast	E-Cp-Chl-Sa-141	Used Oil Stroage At Coke Plant Lab	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
Bulk Oil Bldg - Loading Dock / Oil Dispensing Station	E-Cp-Chl-Sa-203	Bulk Oil Storage Bldg Oil & Antifreeze Station	See DSA Inventory	55 - 60 Gal Drums / Totes	Tote	Welded Steel	Metal Box	Low	
Rotary Dump Bldg - West End, Ground Floor	E-Cp-Chl-Sa-209	Rotary Dump Hydraulic Tote	Hyd Oil	400	Totes & Drums	Welded Steel / Poly / Plastic	No Containment	Low	
	E-Cp-Chl-Ss-008	Substation No. 8 (Coke Plant)	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
No. 11 Substation	E-Cp-Chl-Ss-011	Substation No. 11 (Coke Plant)	Silicone		Transformer	Welded Steel	1) Bldg Floor / Under Door / Soil; 2) Bldg Floor / Coal Conveyor / Coke Battery	Low	
No. 12 Substation	E-Cp-Chl-Ss-012	Substation No. 12 (Coke Plant)			Transformer	Welded Steel	Bldg Floor / Under Door / Pavement / Soil	Low	
	E-Cp-Chl-Ss-118	Substation No. 118	Silicone		Transformer	Welded Steel	Curbing With Gravel Fill - Insufficient Volume	Low	
Area 1W	E-Cp-Chl-St-093	T7100 Process Water Tank	Process Water	1,000,000	AST	Welded Steel	Concrete Walls	Low	
Area 1W	E-Cp-Chl-St-094	T7110 Process Water Tank	Process Water	1,000,000	AST	Welded Steel	Concrete Walls	Low	
Area 1W	E-Cp-Chl-St-095	T7120 Process Water Tank	Process Water	1,000,000	AST	Welded Steel	Concrete Walls	Low	
South Of Desulf Plant	E-Cp-Chl-St-102	TK-1200 COG Condensate Tank	COG Condensate	750	AST	Welded Steel	Concrete Walls	Low	
Bulk Oil Bldg - Bsmt	E-Cp-Chl-St-201	West Bulk Oil Storage	#2 Diesel Fuel	12,000	AST	Welded Steel	Concrete Walls / Bsmt	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Bulk Oil Bldg - Bsmt	E-Cp-Chl-St-202	East Bulk Oil Storage	#2 Diesel Fuel	12,000	AST	Welded Steel	Concrete Walls / Bsmt	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Fine Coal Bldg - Second Floor Oil Room / South Side	E-Cp-Chl-St-204	Bulk Density Oil Tank	#2 Diesel Fuel	2,000	AST	Welded Steel	Metal Box	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Fine Coal Bldg - West	E-Cp-Chl-St-214	Small #2 Diesel Tank At Fine Coal Bldg	#2 Diesel Fuel	500	AST	Welded Steel	Metal Box	Low	
Coal Handling Office Bldg - North	E-Cp-Chl-St-364	COG Valve Drain Pit At Coal Handling	COG Condensate	2,700	Pit	Concrete	No Containment	Low	
Coal Handling Office Bldg - North	E-Cp-Chl-St-442	Empty Sludge Box Storage	Empty (Tar)	1,000	Open Top Tote	Welded Steel	Metal Box	Low	
Coal Handling Office Bldg - West	E-Cp-Chl-St-444	Cookie Pan	Tar & Coal	1,000	Open Top Box	Welded Steel	Steel Walls & Curbing	Low	
West Of Auxilary Blower Bldg	E-Cp-Chm-Ls-014	T-9 Tar Storage Loading Station	Tar	6,000	Loading Station		Pad & Curbing	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Cp-Chm-Ls-016	Rail & Truck Loading Stations	Tar	20,000	Loading Station		Concrete Barriers	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
West Of Distillation Pumphouse	E-Cp-Chm-Ls-019	Light Oil Loading Station	Light Oil	6,000	Loading Station		Pad	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Cp-Chm-Ls-022	T331A Straw Oil Loading Station	Straw Oil	6,000	Loading Station		Concrete Pad & Sump	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Area W1 / South Side	E-Cp-Chm-Ls-092A	Light Oil Reservoir Unloading Station	Light Oil	5,000	Unloading Station		Pavement	Low	
Area W1 / South Side	E-Cp-Chm-Ls-092B	Tar Reservoir Unloading Station	Tar	5,000	Unloading Station		Pavement	Low	
Wet Tar Piping FRom T-2 T-3 To T-304 C	E-Cp-Chm-Pl-347	Wet Tar Piping FRom T-2 T-3 To T-304 C	Wet Tar	1,000		Welded Steel	No Containment	Low	
Wet Tar Piping 5 & 7 Decanters To 302 A & B	E-Cp-Chm-Pl-348	Wet Tar Piping 5 & 7 Decanters To 302 A & B	Wet Tar	800		Welded Steel	No Containment	Low	
No. 3 Liquor Pumphouse To Tank 301 (Wet Tar Piping)	E-Cp-Chm-Pl-349	No. 3 Liquor Pumphouse To Tank 301 (Wet Tar Piping)	Wet Tar	500		Welded Steel	No Containment	Low	
Primary Pumphouse Area Liquor Piping	E-Cp-Chm-Pl-350	Primary Pumphouse Area Liquor Piping	Liqour	6,000		Welded Steel	No Containment	Low	
Final Cooler Pumphouse Area Liquor Piping	E-Cp-Chm-Pl-351	Final Cooler Pumphouse Area Liqour Piping	Liquor	4,500		Welded Steel	No Containment	Low	
Light Oil Piping	E-Cp-Chm-Pl-357	Light Oil Piping	Light Oil	6,500		Welded Steel	No Containment	Low	
Dry Tar FRom #400 Heater To Tank T-363 & T-9	E-Cp-Chm-Pl-358	Dry Tar FRom #400 Heater To Tank T-363 & T-9	Dry Tar	900		Welded Steel	No Containment	Low	
South Of Chem	E-Cp-Chm-Pt-	T7 Liquor Surge Tank	Flushing	19,000	Surge Tank	Welded Steel	Concrete Walls	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Office / South Of Chemical Road	001		Liquor						
South Of Chem Office / South Of Chemical Road	E-Cp-Chm-Pt-002	D4 2Batt Tar Decanter	Tar And Flushing Liquor	19,000	Decanter	Welded Steel	Concrete Walls	Low	
South Of Chem Office / South Of Chemical Road	E-Cp-Chm-Pt-003	D5 2Batt Tar Decanter	Tar And Flushing Liquor	19,000	Decanter	Welded Steel	Concrete Walls	Low	
North Of No. 2 Battery Fl Pumps	E-Cp-Chm-Pt-004	D102A (Still) Tar Decanter	Tar And Flushing Liquor	315,000	Decanter	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
South Side Of Chemical Road	E-Cp-Chm-Pt-005	D102B (Still) Tar Decanter	Tar And Flushing Liquor	315,000	Decanter	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
100' West Of # 5 Battery / 140' North Of #2 Battery	E-Cp-Chm-Pt-009	D101C Predecanter	Flushing Liquor & Tar	24,800	Predecanter	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
80' West Of #5 Battery / 140' North Of #2 Battery	E-Cp-Chm-Pt-010	D101D Predecanter	Flushing Liquor & Tar	24,800	Predecanter	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
60' West Of #5 Battery / 140' North Of #2 Battery	E-Cp-Chm-Pt-011	D101A Predecanter	Flushing Liquor & Tar	24,800	Predecanter	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
40' West Of #5 Battery / 140' North Of #2 Battery	E-Cp-Chm-Pt-012	D101B Predecanter	Flushing Liquor & Tar	24,800	Predecanter	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
West Of Distillation Pumphouse	E-Cp-Chm-Pt-022	T331A North Straw Oil	Straw Oil	30,000		Welded Steel	4' Concrete Dike	Negligible (Terrain Retains)	
West Of Distillation Pumphouse	E-Cp-Chm-Pt-023	T331 Vertical	Straw Oil	150,000		Welded Steel	4' Concrete Dike	Negligible (Terrain Retains)	
Southeast Of Distillation Pumphouse	E-Cp-Chm-Pt-025	T304A Tar Tank	Tar And Flushing Liquor	440,000	Holding Tank	Welded Steel	Jersey Barriers / Earth	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
Southeast Of Distillation Pumphouse	E-Cp-Chm-Pt-026	S304 A/B Sump	Process Water / Liquor	20,000	Sump	Welded Steel	Jersey Barriers	Medium	N1: Loading/unloading procedure
Southeast Of Distillation Pumphouse	E-Cp-Chm-Pt-027	T304B Tar Tank	Tar And Flushing Liquor	440,000	Holding Tank	Welded Steel	Jersey Barriers / Earth	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
Southeast Of	E-Cp-Chm-Pt-	T304C Tar Tank	Tar And	440,000	Holding Tank	Welded Steel	Jersey Barriers / Earth	Medium	N1: Loading/unloading

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Distillation Pumphouse	028		Flushing Liquor						procedure; N9: SPCC inspections
Chemical Road Southwest Of Booster House	E-Cp-Chm-Pt-029	L100D Pc Decanter	Tar And Flushing Liquor	65,450	Decanter	Welded Steel	Concrete Walls	Low	
Chemical Road Southwest Of Booster House	E-Cp-Chm-Pt-030	L100B Pc Decanter	Tar And Flushing Liquor	65,450	Decanter	Welded Steel	Concrete Walls	Low	
Chemical Road Southwest Of Booster House	E-Cp-Chm-Pt-031	L100C Pc Decanter	Tar And Flushing Liquor	65,450	Decanter	Welded Steel	Concrete Walls	Low	
Chemical Road Southwest Of Booster House	E-Cp-Chm-Pt-032	L100E Pc Decanter	Tar And Flushing Liquor	65,450	Decanter	Welded Steel	Concrete Walls	Low	
Chemical Road South Of Substation No. 10	E-Cp-Chm-Pt-033	T340A Liquor Tank	Flushing Liquor	35,000	Holding Tank	Welded Steel	Concrete Walls	Low	
Chemical Road Southeast Of Booster House	E-Cp-Chm-Pt-034	T340B Liquor Tank	Flushing Liquor	35,000	Holding Tank	Welded Steel	Concrete Walls	Low	
Chemical Road South Of Substation No. 10	E-Cp-Chm-Pt-035	T345 Tar Collection	Tar	34,000	Holding Tank	Welded Steel	Concrete Walls	Low	
East Primary Pump House	E-Cp-Chm-Pt-039	T301 Tar Tank	Tar	500,000	Holding Tank	Welded Steel	Jersey Barriers	Low	
East Primary Pump House	E-Cp-Chm-Pt-040	T302A Tar Tank	Tar	130,000	Holding Tank	Welded Steel	Jersey Barriers	Low	
East Primary Pump House	E-Cp-Chm-Pt-041	T302B Tar Tank	Tar	130,000	Holding Tank	Welded Steel	Jersey Barriers	Low	
Chemical Road Northwest Of Substation No. 5	E-Cp-Chm-Pt-044	Electrostatic Precipitate Tank - East	Empty	50,000	Holding Tank	Welded Steel	No Containment	Low	
Chemical Road Northwest Of Substation No. 5	E-Cp-Chm-Pt-045	Electrostatic Precipitate Tank - West	Empty	50,000	Holding Tank	Welded Steel	No Containment	Low	
Chemical Road Northwest Of Substation No. 5	E-Cp-Chm-Pt-046	Electrostatic Precipitate Tank - Middle	Empty	50,000	Holding Tank	Welded Steel	No Containment	Low	
70' West Of #3 Precarbon Bldg / North Side Battery Road	E-Cp-Chm-Pt-125A	D105A Predecanter	Flushing Liquor & Tar	24,800	Predecanter	Welded Steel	Concrete Walls	Low	
40' West Of #3 Precarbon Bldg / North Side Battery Road	E-Cp-Chm-Pt-125B	D105B Predecanter	Flushing Liquor & Tar	24,800	Predecanter	Welded Steel	Concrete Walls	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
100' West Of #3 Precarbon Bldg / North Of Battery Road	E-Cp-Chm-Pt-126	D106-A (Still) Tar Decanter	Tar And Flushing Liquor	260,000	Decanter	Welded Steel	No Containment	Low	
	E-Cp-Chm-Pt-127	D106-B (Still) Tar Decanter	Tar And Flushing Liquor	284,000	Decanter	Welded Steel	No Containment	Low	
200' West Of #3 Precarbon Bldg / 100' North Of #3 Battery	E-Cp-Chm-Pt-128	D7 Tar Decanter	Tar And Flushing Liquor	97,000	Decanter	Welded Steel	Concrete Walls	Low	
250' West Of #3 Precarbon Bldg / 100' North Of #3 Battery	E-Cp-Chm-Pt-129	D6 Tar Decanter	Tar And Flushing Liquor	97,000	Decanter	Welded Steel	Concrete Walls	Low	
250' West Of #3 Precarbon Bldg / 160' North Of #3 Battery	E-Cp-Chm-Pt-130	T11 Liquor Surge Tank	Flushing Liquor	19,000	Surge Tank	Welded Steel	Concrete Walls	Low	
	E-Cp-Chm-Pt-132A	D105C Predecanter	Flushing Liquor & Tar	39,800	Predecanter	Welded Steel	Concrete Walls	Low	
	E-Cp-Chm-Pt-132B	D105D Predecanter	Flushing Liquor & Tar	39,800	Predecanter	Welded Steel	Concrete Walls	Low	
East Of #7 Battery	E-Cp-Chm-Pt-133	D5/7N Tar Decanter	Tar And Flushing Liquor	97,000	Decanter	Welded Steel	Concrete Walls	Low	
East Of #7 Battery	E-Cp-Chm-Pt-134	D5/7S Tar Decanter	Tar And Flushing Liquor	97,000	Decanter	Welded Steel	Concrete Walls	Low	
West Of No. 2 Boiler House	E-Cp-Chm-Pt-137	T7800 Emergency Surge Sump	Process Water / Liquor	8,800	Surge Tank	Welded Steel	No Containment	Low	
West Of No. 2 Boiler House	E-Cp-Chm-Pt-138	Distillation Skimmer Tank	Light Oil And Process Water	15,200	Skimmer System	Welded Steel	No Containment	Low	
Northeast Distillation Pump House	E-Cp-Chm-Pt-139	Distillation Sump	Liquor & Tar	170,000	Sump	Concrete	No Containment	Low	
Chemical Road South Of Auxilary Blower Bldg	E-Cp-Chm-Pt-305	B-101 Bleed Off Tank	Tar Liquor	15,00	Bleed Tank	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
West Side No. 1 Liquor Pump House	E-Cp-Chm-Pt-307	No. 1 Flushing Liquor House Sump Pump	Flushing Liquor	15,000	Sump	Concrete	No Containment	Medium	N1: Loading/unloading procedure
Between D106 Tar Decanters	E-Cp-Chm-Pt-309	B-104 Bleed Off Tank	Liquor	15,000	Bleed Tank	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
West Northwest	E-Cp-Chm-Pt-	Tar / Liquor Sump	Liquor & Tar	15,000	Sump	Concrete	No Containment	Medium	N1: Loading/unloading

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
No. 3 Pumphouse	310								procedure
East Of Tank T-304C	E-Cp-Chm-Pt-312	Tank 304C Sump	Liquor & Tar	9,000	Sump	Concrete	No Containment	Low	
Northwest Corner Primary Pumphouse	E-Cp-Chm-Pt-313	Tar Sump At Primary Pump House	Tar	2,700	Sump	Concrete	No Containment	Medium	N1: Loading/unloading procedure
	E-Cp-Chm-Pt-316	Oil Reservoir No. 1 Turbine	Turbine Oil	295	Oil Reservoir	Welded Steel	Bldg / Trench / Sump	Low	
	E-Cp-Chm-Pt-317	Oil Reservoir No. 2 Turbine	Turbine Oil	295	Oil Reservoir	Welded Steel	Bldg / Trench / Sump	Low	
	E-Cp-Chm-Pt-318	Oil Reservoir No. 3 Turbine	Turbine Oil	325	Oil Reservoir	Welded Steel	Bldg / Trench / Sump	Low	
	E-Cp-Chm-Pt-319	Oil Reservoir No. 4 Turbine	Turbine Oil	325	Oil Reservoir	Welded Steel	Bldg / Trench / Sump	Low	
	E-Cp-Chm-Pt-320	Oil Reservoir No. 5 Turbine	Turbine Oil	1,000	Oil Reservoir	Welded Steel	Bldg / Trench / Sump	Low	
South Of T-1700 Series Tanks	E-Cp-Chm-Pt-360	T-7100 Pumphouse Sump	Liquor & Tar	2,700	Sump	Concrete	No Containment	Low	
	E-Cp-Chm-Pt-363	Tar Centerfuge Sump	Liquor & Tar	2,700	Sump	Concrete	No Containment	Low	
	E-Cp-Chm-Pt-365A	5/7 Pumphouse Sumps (Outside)	Liquor & Tar	1,500	Sump	Concrete	No Containment	Medium	N1: Loading/unloading procedure
	E-Cp-Chm-Pt-365B	5/7 Pumphouse Sumps (Inside)	Liquor & Tar	180	Sump	Concrete	No Containment	Low	
Final Coolers & Primary Pumphouse	E-Cp-Chm-Pt-367	Plate & FRame Heat Exchangers At Final Coolers & Primary Pumphouse	Liquor	70	Heat Exchanger	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure
Final Coolers & Primary Pumphouse	E-Cp-Chm-Pt-368	Light Oil Cooler / Heat Exchangers At Distillation Bldg	Liquor	70	Heat Exchanger	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure
Final Coolers & Primary Pumphouse	E-Cp-Chm-Pt-369	Turbine Oil Cooler / Heat Exchanger At Booster Bldg	Liquor	70	Heat Exchanger	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure
Chemical Road	E-Cp-Chm-Sa-311	Tar Pumphouse Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	No Containment	Low	
Distillation Pump Room	E-Cp-Chm-Sa-314	Distillation Pump Room Oil Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Trenching / Distillation Sump	Low	
Filter Bldg - East End	E-Cp-Chm-Sa-327	Filter B East End Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
	E-Cp-Chm-Ss-005	Substation No. 5 (Coke Plant)	3 Silicone / 1 PCB		Transformer	Welded Steel	Bldg Floor/ Bsmt Sump / Sewer / Bug Plant	Low	
	E-Cp-Chm-Ss-010	Substation No. 10 (Coke Plant)	1 Silicone / 9 PCB		Transformer	Welded Steel	Catchment / Bldg Floor/ Bsmt Sump / Sewer / Bug Plant	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	E-Cp-Chm-Ss-010A	Substation No. 10-Annex (Coke Plant)	PCB		Transformer	Welded Steel	1) Bldg Floor / Under Door / Ground; 2) Bldg Floor / Bsmt Sump / Bug Plant	Low	
	E-Cp-Chm-Ss-119	Substation No. 119	Silicone		Transformer	Welded Steel	Curbing - Insufficient Volume	Low	
South Of No. 1 Liquor Pumphouse	E-Cp-Chm-St-006	T6 Former Liquor Tank	Flushing Tar	150,000		Welded Steel	Jersey Barriers On East Side	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
South Of No. 1 Liquor Pumphouse	E-Cp-Chm-St-007	T2 Tar Tank	Flushing Tar	150,000	AST	Welded Steel	Jersey Barriers	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
South Of No. 1 Liquor Pumphouse	E-Cp-Chm-St-008	T3 Tar Tank	Flushing Tar	150,000	AST	Welded Steel	Jersey Barriers	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
West Of No. 1 Liquor Pumphouse	E-Cp-Chm-St-013	Flushing Liquor Sump West Of No. 2 Pumphouse	Flushing Tar	15,000	Sump / Pit	Welded Steel	No Containment	Medium	
East Of Aux Blower Bldg	E-Cp-Chm-St-014	T9 Tar Storage Tank	Tar	1,000,000	AST	Welded Steel	Jersey Barriers On East Side	Low	
North Of Pitch Plant Office	E-Cp-Chm-St-015	T363A Tar Storage Tank	Tar	1,000,000	AST	Welded Steel	Jersey Barriers	Low	
North Of Pitch Plant Office	E-Cp-Chm-St-016	T363D Tar Storage Tank	Tar	1,000,000	AST	Welded Steel	Jersey Barriers	Low	
West Of Distillation Pumphouse	E-Cp-Chm-St-019	T311 Light Oil Storage	Light Oil	150,000	AST	Welded Steel	4' Concrete Dike	Low	
West Of Distillation Pumphouse	E-Cp-Chm-St-020	T312 Light Oil Storage	Light Oil	150,000	AST	Welded Steel	4' Concrete Dike	Low	
Southeast Of Distillation Pumphouse	E-Cp-Chm-St-024	T306c Tar Tank	Tar	200,000	AST	Welded Steel	Jersey Barriers / Earth	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
Booster House - Northwest Corner	E-Cp-Chm-St-038	Oil Storage Tank At Booster Bldg	Turbine Oil	350	AST	Welded Steel	Concrete Walls	Low	
	E-Cp-Chm-St-049	Oil Totes In Filter Bldg	Turbine Oil / Med Oil	60	Tote	Welded Steel	Steel Box	Low	
	E-Cp-Chm-St-063	Booster / Dryer Oil Tote	Oil	460	Tote	Welded Steel	Concrete Walls	Low	
Area W1	E-Cp-Chm-St-091A	T7000 Oil Tar Separator Tank	Flushing Liquor & Tar	100,000	AST	Welded Steel	Concrete Walls	Low	
Area W1	E-Cp-Chm-St-091B	T7010 Oil Tar Separator Tank	Flushing Liquor & Tar	100,000	AST	Welded Steel	Concrete Walls	Low	
Area W1 / South Side	E-Cp-Chm-St-092A	T7020 Light Oil Reservoir	Light Oil	375	AST	Welded Steel	Concrete Walls	Low	
Area W1 / South Side	E-Cp-Chm-St-092B	T7030 Tar Reservoir	Tar	375	AST	Welded Steel	Concrete Walls	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
West Of No. 2 Boiler House	E-Cp-Chm-St-136	Coke Plant COG Drip Tank	COG Condensate	2,000	Drip Tank	Welded Steel	Concrete Walls	Low	
North Of Chemical Maintenance Bldg	E-Cp-Chm-St-140	COG Drip Tank	COG Condensate	2,000	AST	Welded Steel	Concrete Walls	Low	
South Of Chemical Lab Bldg	E-Cp-Chm-St-301	Tar Decantor Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
Chemical Road By D4/D5 & T7 Tanks	E-Cp-Chm-St-304	Tar Recycler Sludge Storage	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
East Side No. 1 Flushing Liquor Box	E-Cp-Chm-St-306	Tar Decantor Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
No. 2 Liquor Pumphouse	E-Cp-Chm-St-308	No. 2 Liquor Pump House Drum Storage Area	Liquor	60	Tote	Welded Steel	No Containment	Low	
Filter Bldg - West End	E-Cp-Chm-St-326	Abandoned Oil Tank West Of Filter Bldg	Empty	120,000	AST	Welded Steel	Cement Block Walls	Low	
By Tank D101	E-Cp-Chm-St-328	D101 (C, D, A, B) Tar Sludge Recycle Boxes	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
By 5/7 North & 5/7 South Decanters	E-Cp-Chm-St-329	5/7 N/S Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
By D105 C/D Predecanters	E-Cp-Chm-St-330	D105 C/D Predecanter Tar Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
By D106/107 Decanters	E-Cp-Chm-St-331	D106/107 Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
West End No. 3 Liquor Pit	E-Cp-Chm-St-332	West End No. 3 Liquor Pit Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
By D105 A/B Predecanters	E-Cp-Chm-St-333	D105 A/B Predecanter Tar Recycle Sludge Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
By Pumphouse 209	E-Cp-Chm-St-334	Pumphouse 209 Tar Storage Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
By 100 E Decanter	E-Cp-Chm-St-335	100 E Decantor Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
Primary Pumphouse	E-Cp-Chm-St-336	Primary Pumphouse Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
By 100 Dcb Liquor Decanter	E-Cp-Chm-St-337	100 Dcb Liquor Decanter Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
By T304 C Tar Tank	E-Cp-Chm-St-338	T304 C Tar AST Tar Recycle Sludge Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
	E-Cp-Chm-St-339	Kopper Centrifuge Tar Sludge Roll Off Box	Tar Sludge	6000	Open Top Tote	Welded Steel	Concrete Walls	Low	
	E-Cp-Chm-St-340	Kopper Centrifuge Tar Sludge Roll Off Box	Tar Sludge	6000	Open Top Tote	Welded Steel	No Containment	Low	
	E-Cp-Chm-St-341	Kopper Centrifuge Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
	E-Cp-Chm-St-342	Tar Centrifuge Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Truck Wash South Of Distillation Starter House	E-Cp-Chm-St-343	Truck Wash Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	Concrete Walls	Low	
By T9 Tar Tank	E-Cp-Chm-St-344	T9 Tar Tank Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
By T363 Tar Tank	E-Cp-Chm-St-345	T363 Tar Tank Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
By T363 D Tar Tank	E-Cp-Chm-St-346	363 D Tar Tank Tar Sludge Recycle Box	Tar Sludge	<1,000	Open Top Tote	Welded Steel	No Containment	Low	
East Final Cooler	E-Cp-Chm-St-354	Ferramean Tank At East Of Final Cooler	Ferramean	1,000	AST	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
Northeast Corner Or Primary Pumphouse	E-Cp-Chm-St-355	Ferramean Tank At Northeast Corner Primary Pumphouse	Ferramean	500	AST	Welded Steel	Plastic Box	Low	
East Side West Battery Substation	E-Cp-Chm-St-366	Ferramean Tank At West Battery Substation	Ferramean Tank	1,000	AST	Welded Steel	No Containment	Low	
	E-Cp-Chm-Xf-004	Distillation Starter House Transformer	PCB	~50	Transformer	Welded Steel	Catchment / Bsmt Floor / Bsmt Sump / Ground	Low	
#2 Battery - East End	E-Cp-Cpp-Ls-053	#2 Battery Hydraulic Unloading (East)	Ethyl Glycol	5,000	Unloading Station		Pavement	Low	
#3 Battery - East End	E-Cp-Cpp-Ls-067	#3 Battery Hydraulic Unloading (East)	Water & Glycol	5,000	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
#3 Battery - West End	E-Cp-Cpp-Ls-069	#3 Battery Hydraulic Unloading (West)	Hyd Oil	5,000	Unloading Station		Pavement	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
#7 Battery - East End	E-Cp-Cpp-Ls-071	#7 Battery Hydraulic Unloading (East)	Hyd Oil	5,000	Unloading Station		No Containment	Low	
#3 Precarbon - Northeast Corner	E-Cp-Cpp-Ls-075	#3 Precarbon Gear Oil Station	Gear Oil	5,000	Unloading Station		Pavement	Low	
#2 Battery - West End	E-Cp-Cpp-Ls-076	#2 Battery Hydraulic Unloading (West)	Hyd Oil	5,000	Unloading Station		Pusher Pad	Low	
#5 Battery - West End	E-Cp-Cpp-Ls-077	#5 Battery Hydraulic Unloading (West)	Hyd Oil	5,000	Unloading Station		No Containment	Low	
Yard Dept Bldg - South Side	E-Cp-Cpp-Ls-097 To 099	Yard Department Diesel, Gasoline, & Kerosene Loading Station	Deisel, Gasoline, & Kerosene	5,000	Unloading Station		Asphalt Pavement	Low	
#3 Warf - West	E-Cp-Cpp-Ls-417	#3 Warf Hydraulic Unloading (West)	Hyd Oil	5,000	Unloading Station		No Containment	Low	
#3 Warf - East	E-Cp-Cpp-Ls-419	#3 Warf Hydraulic Unloading (East)	Hyd Oil	5,000	Unloading Station		No Containment	Low	
Coal Handling Office Bldg - North	E-Cp-Cpp-Ls-441	COG Dt-1 Loading Station	COG Condensate	3,000	Unloading Station		No Containment	Low	
#7 Battery - West	E-Cp-Cpp-Ls-	#7 Battery Drip Leg	COG	3,000	Unloading		No Containment	Low	

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(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
End, At Drip Leg	447	Unloading	Condensate		Station				
Coke Plant Mobile Equipment Bldg	E-Cp-Cpp-Me-453	Coke Plant Mobile Equipment	Hyd Fluid / Diesel / Transmission Oil / Gas	114			Mobile Equipment Bldg	Low	
	E-Cp-Cpp-Me-454	Galion Crane #2104	Hyd Fluid	75	Vehicle Tank	Welded Steel	Mobile Equipment Bldg / On Concrete	Low	
	E-Cp-Cpp-Me-455	Galion Crane #2106	Hyd Fluid	75	Vehicle Tank	Welded Steel	Mobile Equipment Bldg / On Concrete	Low	
	E-Cp-Cpp-Me-456	Grove Crane #2108	Hyd Fluid	114	Vehicle Tank	Welded Steel	Mobile Equipment Bldg / On Concrete	Low	
#2/3 Sump Crane Pad	E-Cp-Cpp-Me-457	Manitowoc Crane #2109	Hyd Fluid	55	Vehicle Tank	Welded Steel	#2/3 Sump Pad	Low	
	E-Cp-Cpp-Me-458	Galion Crane #3104	Diesel Fuel	60	Vehicle Tank	Welded Steel	Mobile Equipment Bldg / On Concrete	Low	
#2/3 Sump Crane Pad	E-Cp-Cpp-Me-459	Coke Plant Mobile Equipment	Hyd Fliud	55			Crane Pad	Low	
140' North Of #2 Battery / 130' West Of #5 Battery	E-Cp-Cpp-Pl-402	Flushing Liquor Distribution Piping	Flushing Liquor Lines			Welded Steel	No Containment	Medium	
140' North Of #2 Battery / 130' West Of #5 Battery	E-Cp-Cpp-Pl-403	Tar Distribution Piping	Tar			Welded Steel	No Containment	Medium	
140' North Of #2 Battery / 130' West Of #5 Battery	E-Cp-Cpp-Pl-404	COG Condensate Collection Lines	COG Condensate			Welded Steel	No Containment	Medium	
#7 Battery - West End	E-Cp-Cpp-Pl-447	#7 Battery COG Drip Line	COG Condensate			Welded Steel	No Containment	Low	
WWTP Pump Room	E-Cp-Cpp-Pl-451	WWTP Area 1W Pump Room	Flushing Liquor / Tar / Process Water			Welded Steel	Bldg	Low	
Piping FRom WWTP South	E-Cp-Cpp-Pl-452	Flushing Liquor Distribution Line To WWTP	Flushing Liquor			Welded Steel	No Containment	Low	
Inside #3 Battery Bsmt	E-Cp-Cpp-Pt-061	#3 Battery Reversing Hydraulic Reservoir	Hydraulic Oil	400	Hydraulic System	Welded Steel	Bsmt	Low	
#3 Precarbon	E-Cp-Cpp-Pt-401	#3 Precarbon Main Blower Reducer	Lube Oil	<750	Gear Box	Welded Steel	Floor / Pavement	Low	
Various On South Side Of #5 Battery East	E-Cp-Cpp-Pt-406a	#5 Pusher Ram Gears East	Gear Oil	<280	Gear Box & Reservoir	Welded Steel	Pusher Pad	Low	
Various On South Side Of #5 Battery West	E-Cp-Cpp-Pt-406b	#5 Pusher Ram Gears West	Gear Oil	<280	Gear Box & Reservoir	Welded Steel	Pusher Pad	Low	
#5/7 Bsmt	E-Cp-Cpp-Pt-407a	#5 Reverse Machine Gear	Gear Oil	<1,700	Gear Box	Welded Steel	Bsmt / Sump	Negligible (Terrain	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
								Retains)	
#5/7 Bsmt	E-Cp-Cpp-Pt-407b	#7 Reverse Machine Gear	Gear Oil	<1,700	Gear Box	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Various On North Side Of #3 Battery East	E-Cp-Cpp-Pt-410A	#3 Battery Push Ram (East)	Lube Oil	<314	Gear Box	Welded Steel	Pusher Pad	Low	
Various On North Side Of #3 Battery West	E-Cp-Cpp-Pt-410B	#3 Battery Push Ram (West)	Lube Oil	<314	Gear Box	Welded Steel	Pusher Pad	Low	
Various On South Side Of #7 Battery	E-Cp-Cpp-Pt-412A	#7 Pusher Ram Gears East	Gear Oil	<280	Gear Box & Reservoir	Welded Steel	Pusher Pad	Low	
Various On South Side Of #7 Battery	E-Cp-Cpp-Pt-412B	#7 Pusher Ram Gears West	Gear Oil	<280	Gear Box & Reservoir	Welded Steel	Pusher Pad	Low	
#2 Battery - North Side / East	E-Cp-Cpp-Pt-413A	#2 Battery Pusher (East)	Lube Oil	<314	Gear Box	Welded Steel	Pusher Pad	Low	
#2 Battery - North Side / West	E-Cp-Cpp-Pt-413B	#2 Battery Pusher (West)	Lube Oil	<314	Gear Box	Welded Steel	Pusher Pad	Low	
#2 Precarbon Bldg	E-Cp-Cpp-Pt-414	#2 Precarbon Main Blower Reducer	Lube Oil	<750	Gear Box	Welded Steel	Floor / Pavement	Low	
Next To Tower J	E-Cp-Cpp-Pt-443	#3 Battery Under Firing Stack Sump	COG Condensate	58,550	Sump	Concrete Walled Pit / Sump	No Containment	Low	
#3 Precarbon - Northeast Corner, Ground Level	E-Cp-Cpp-Sa-075	#3 Precarbon Gear Oil Storage Tote	See DSA Inventory	300	Tote	Welded Steel	Metal Box	Low	
Mobile Equipment Bldg	E-Cp-Cpp-Sa-090	Mobil Equipment Bldg Drum & Tote Storage	See DSA Inventory	55 Gal Drum / 60 Gal Tote	Totes / Drums	Welded Steel	No Containment	Low	
Yard Dept Bldg	E-Cp-Cpp-Sa-113	Yard Department Tote Station	Hyd / Transmission / Motor Oils & Antifreeze	60	Totes & Drums	Welded Steel	Concrete Walls	Low	
North Of Coke Plant Laboratory	E-Cp-Cpp-Sa-300	Coke Plant Lab Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	No Containment	Medium	N2: Mobile container procedure
West End Of #5 Battery	E-Cp-Cpp-Sa-405	#5 Battery (West) Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
East Side Of #7 Battery	E-Cp-Cpp-Sa-408	#7 Battery Oil Tote Station	See DSA Inventory	60	Totes / Drums	Welded Steel	Floor / Pavement / Edge On Door	Low	
East Side Of #7 Battery / Outside	E-Cp-Cpp-Sa-409	#7 Battery (East) Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
#2 Precarbon Bldg - 5th Floor	E-Cp-Cpp-Sa-416	#2 Precarbon Drum Oil Station	See DSA Inventory	55	Totes / Drums	Welded Steel	Bldg	Low	
	E-Cp-Cpp-Sa-418	Station Maintenance Oil Storage Bldg	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
East Side #3 Precarbon	E-Cp-Cpp-Sa-421	#3 Precarbon Oil Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor / Pavement	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Yard Dept Bldg	E-Cp-Cpp-Sa-446	Yard Department Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
North Side Mobile Equipment Bldg	E-Cp-Cpp-Sa-449	Bulk Equipment Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
	E-Cp-Cpp-Sa-450	Door Repair Drum Station	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
	E-Cp-Cpp-Ss-001	Substation No. 1 (Coke Plant)	4 Silicone		Transformer	Welded Steel	1) 1004/1005 - Water Jacket Is Secondary Containment; 2) 1221/1222: Bldg Floor / Bsmt / Recycle For 1004/1005 Water Jackets; 3) 1216/1220: Bldg Floor / Under Ss Panel / Ground	Low	
	E-Cp-Cpp-Ss-002	Substation No. 2 (Coke Plant)	Mineral Oil		Transformer	Welded Steel	376 - Has Own Brick Containment Dike / 994 - Bsmt Sump (Not Operational) Or Under Door / Ground / Erp (Mineral Oil)	Low	
#2 Precarbon Substation	E-Cp-Cpp-Ss-002pc	#2 Precarbon Substation	Silicone		Transformer	Welded Steel	Bldg Floor / Ground	Low	
South Side Of Bldg	E-Cp-Cpp-Ss-003	Substation No. 3 (Coke Plant)	2 PCB / 2 Silicone		Transformer	Welded Steel	Bldg Floor / Bsmt Sumps (2) / Sewer / Bug Plant	Low	
	E-Cp-Cpp-Ss-003Bw	No. 3 Battery West Substation			Transformer	Welded Steel	Bldg Floor / Ground	Low	
	E-Cp-Cpp-Ss-003pc	#3 Pre-Carbon Substation			Transformer	Welded Steel	Bldg Floor / Ground	Low	
#2 Precarb - East	E-Cp-Cpp-Ss-009	Substation No. 9 (Coke Plant)	Silicone		Transformer	Welded Steel	All Contained On Bldg Floor (Raised Doors)	Low	
#2 Battery - East End, Ground Level	E-Cp-Cpp-St-053	#2 Battery Hydraulic East	Hydraulic Oil (Ethyl Glycol)	750	AST	Welded Steel	Pusher Pad	Low	
#2 Battery - Bsmt	E-Cp-Cpp-St-054	#2 Battery Reverse Hydraulic Reservoir	Hydraulic Oil	5800	AST	Welded Steel	Bsmt / Sump	Low	
#3 Battery - East End, 2nd Floor	E-Cp-Cpp-St-067	#3 Battery Hydraulic Tank East	Water Glycol	1,750	AST	Welded Steel	No Containment	Low	
#3 Battery - West End, Ground Level	E-Cp-Cpp-St-069	Old #3 Battery Hydraulic Storage & New Replacement	Empty / Hydraulic Oil	600	AST	Welded Steel	No Containment	Low	
#7 Battery - East End, Bench Level	E-Cp-Cpp-St-071	#7 Battery Hydraulic Storage	Hydraulic Oil	1,100	AST	Welded Steel	No Containment	Low	
#2 Precarbon Bldg - 7th Floor	E-Cp-Cpp-St-074	#2 Precarbon Lube Oil Tank	Lube Oil	300	AST	Welded Steel	Built-In Rectangular Dike	Low	
#2 Battery - West End	E-Cp-Cpp-St-076a/B	#2 Battery Hydraulic Tank West	Hydraulic Oil	600	AST	Welded Steel	Floor / Bsmt	Low	
#5 Battery - West End	E-Cp-Cpp-St-077	#5 Battery Hydraulic Oil Tote	Hydraulic Oil	1,100	AST	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure; N9: SPCC inspections

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Yard Dept Bldg	E-Cp-Cpp-St-097	Yard Dept Fuel Storage	Kerosene	500	AST	Welded Steel	Concrete Walls	Low	
Yard Dept Bldg	E-Cp-Cpp-St-098a	Yard Dept Fuel Storage	Diesel Fuel	500	AST	Welded Steel	Concrete Walls	Low	
Yard Dept Bldg	E-Cp-Cpp-St-098b	Yard Dept Fuel Storage	Gasoline	500	AST	Welded Steel	Concrete Walls	Low	
Yard Dept Bldg	E-Cp-Cpp-St-099	Yard Dept Fuel Storage	Kerosene	500	AST	Welded Steel	Concrete Walls	Low	
#3 Warf - West	E-Cp-Cpp-St-417	#3 Warf Hydraulic Tank (West)	Water And Glycol	600	AST	Welded Steel	No Containment	Low	
#3 Warf - East	E-Cp-Cpp-St-419	#3 Warf Hydraulic Tank (East)	Hydraulic Oil	600	AST	Welded Steel	No Containment	Low	
Coal Handling Office Bldg - North	E-Cp-Cpp-St-441	Coke Oven Condensate Tank (COG Dt-1)	COG Condensate	1,000	AST	Welded Steel	Concrete Walls	Low	
Coke Plant #5 & #7 Battery	E-Cp-Cpp-Xf-001	#5 & #7 Battery Lighting Xfmr 1 (West)	PCB	44	Transformer	Welded Steel	Steel Platform / Bldg Walls	Low	
Coke Plant #5 & #7 Battery	E-Cp-Cpp-Xf-002	#5 & #7 Battery Lighting Xfmr 2 (Middle)	PCB	44	Transformer	Welded Steel	Steel Platform / Bldg Walls	Low	
Coke Plant #5 & #7 Battery	E-Cp-Cpp-Xf-003	#5 & #7 Battery Lighting Xfmr 3 (East)	PCB	44	Transformer	Welded Steel	Steel Platform / Bldg Walls	Low	
40' North Of Cp-215 Across Tracks	E-Cp-Mtc-Ls-215	#1 Quencher Hydraulic Station	Hyd Oil	5,000	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
East Side	E-Cp-Mtc-Ls-216	Quench Repair Water Glycol Station	Water Glycol	2,000	Unloading Station		No Containment	Low	
North Side	E-Cp-Mtc-Ls-400	Quench Car Repair Used Oil Loading	Used Oil	3,000	Loading Station		Trenching	Low	
No. 3 Battery Liquor Piping	E-Cp-Mtc-Pl-352	No. 3 Battery Liquor Piping	Liqour	5,000		Welded Steel	No Containment	Low	
No. 2 Battery Liquor Piping	E-Cp-Mtc-Pl-353	No. 2 Batteries Liquor Piping	Liqour	4,000		Welded Steel	No Containment	Low	
No. 5 & 7 Batteries Liquor Piping	E-Cp-Mtc-Pl-356	No. 5 & 7 Batteries Liquor Piping	Liquor	3,000		Welded Steel	No Containment	Low	
Northeast Side Of Truck Stop 100 Yard	E-Cp-Mtc-Sa-143-150	Truck Stop 100 Tote Storage Area	See DSA Inventory	350	Tote	Welded Steel / Poly / Plastic	No Containment	Low	
Along North Wall Of Truck Stop 100 Bldg	E-Cp-Mtc-Sa-151/152	Truck Stop 100 Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
Northeast Corner	E-Cp-Mtc-Sa-220	Quench Car Repair Drums	See DSA Inventory	55	Drums	Welded Steel	Floor	Low	
Northeast End	E-Cp-Mtc-Sa-224	Bulk Oil Storage Area A	Hyd Oil	570	Totes & Drums	Welded Steel	Steel Box	Low	
Northeast End	E-Cp-Mtc-Sa-225	Bulk Oil Storage Area B	Hyd Oil	570	Totes & Drums	Welded Steel	Steel Box	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Northeast End	E-Cp-Mtc-Sa-226	Bulk Oil Storage Area C	Motor Oil	570	Totes & Drums	Welded Steel	Steel Box	Low	
North Side	E-Cp-Mtc-Sa-400	Quench Car Repair Totes & Drums Storage Area	See DSA Inventory	300/60/55	Totes / Drums	Welded Steel / Poly / Plastic	(See Notes)	Low	
Northwest Side Of Truck Stop 100 Yard	E-Cp-Mtc-St-142	Truck Stop 100 Kerosene Tank	Empty (Kerosene)	650	AST	Welded Steel	Metal Box	Low	
South Of Cp Admin Bldg	E-Cp-Mtc-St-215	#1 Quencher Car Hydraulic Fluid Tank	Hyd Oil	300	Tote	Poly / Plastic	No Containment	Medium	N2: Mobile container procedure
East Side	E-Cp-Mtc-St-216	Quench & Repair Water & Glycol Tank	Antifreeze	550	AST	Welded Steel	Metal Box	Low	
North Side	E-Cp-Mtc-St-221	Auto Parts Wash	Oil & Water	<180	AST	Welded Steel	Floor	Low	
Northwest Corner Of Truck Stop 100 Yard	E-Cp-Mtc-St-433	Truck Stop 100 Diesel Tank	Empty (Diesel)	150	AST	Welded Steel	Metal Box	Low	
Northwest Corner Of Truck Stop 100 Yard	E-Cp-Mtc-St-434A/B	Truck Stop 100 Scrap Tank A & B	Empty	500	AST	Welded Steel	No Containment	Low	
East Of Swd-1 (Contractor Area)	E-Cp-Mtc-Xf-005	Shaker Car Transformer	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Hot Roll									
Column R53	E-Hr-Cpk-Gs-007	#3 Bridal Greasing Station	Mobile Grease HTM		Drums	N/A	Bldg Floor	Low	
Column R53	E-Hr-Cpk-Gs-008	#4 Bridal Greasing Station	Mobile Grease HTM		Drums	N/A	Bldg Floor	Low	
Column R74	E-Hr-Cpk-Gs-009	#5 Bridal Greasing Station	Mobil Grease HTM	55	Drum	Welded Steel	Bldg Floor	Low	
Column B7	E-Hr-Cpk-Gs-010	Entry End Greasing Station	Mobil Grease HTM	55	Drum	Welded Steel	Bldg Floor	Low	
Column A23	E-Hr-Cpk-Gs-011	Chopper Greasing Station	Mobil Grease HTM	55	Drum	Welded Steel	Bldg Floor	Low	
	E-Hr-Cpk-Ls-014	North Pickle Oil Unloading Station	See Unloading Station Inventory	6300	Unloading Station		Hose Connection Catchment Basin	Low	
Courtyard	E-Hr-Cpk-Ls-015	South Pickle Soluable Oil Unloading Station	DA Stuart		Unloading Station		Concrete Pad Sloped To Env-Hr-77 Containment	Low	
	E-Hr-Cpk-Ls-016	South Pickle Oil Unloading Station	Coating Oil / Hydraulic Oil		Unloading Station		Concrete Pad / Catchment Basin / Ground	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Column R49	E-Hr-Cpk-Pl-009	Mobile Grease Station	Bulk Grease	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Low	
Column S78	E-Hr-Cpk-Pl-010	Mobile Grease Station	Bulk Grease	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Negligible	
Column H54	E-Hr-Cpk-Pl-	Entry End Mobile Grease	Mobil Grease	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	011	Station	HTM						
Column B19	E-Hr-Cpk-Pl-012	Delivery End Mobile Grease Station	Bulk Grease	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Low	
Conveyor Hydraulic Bsmt	E-Hr-Cpk-Pt-032	Conveyor Hydraulic Reservoir	Dresslube H40 072	2025	Hydraulic System	Welded Steel	Conveyor Bsmt Floor Sump / #3 Steering Sump / N System Sump / Ttp	Low	
Conveyor Hydraulic Bsmt	E-Hr-Cpk-Pt-033	Conveyor Hydraulic Accumulator	Dresslube H40 072	530	Accumulator	Welded Steel	Conveyor Bsmt Floor Sump / #3 Steering Sump / N System Sump / Ttp	Low	
Welder Hydraulic Bsmt	E-Hr-Cpk-Pt-034	Welder Hydraulic Reservoir	Eco Safe FR-68	540	Hydraulic System	Welded Steel	Welder Bsmt Floor Trench / #3 Steering Sump / N System Sump / Ttp	Low	
Welder Hydraulic Bsmt	E-Hr-Cpk-Pt-035	Welder Hydraulic System Surge Tank	Eco Safe FR-68	320	Surge Tank	Welded Steel	Welder Bsmt Floor Trench / #3 Steering Sump / N System Sump / Ttp	Low	
Welder Hydraulic Bsmt	E-Hr-Cpk-Pt-036	Used Welder Oil Catch Tank	Eco Safe FR-68 (Used)	475	Holding Tank	Welded Steel	Welder Bsmt Floor Trench / #3 Steering Sump / N System Sump - Ttp	Low	
Bowser Bsmt	E-Hr-Cpk-Pt-040	Temper Mill Bowser Oil Tank	Gear Oil		Holding Tank	Welded Steel	Bowser Oil Bsmt Sump / #3 Steering Sump / N System Sump / Ttp	Low	
Delivery Bsmt, Lower Level	E-Hr-Cpk-Pt-046	Coating Oil Work Tank (North)	Cprs90gw	560	Coating System	Welded Steel	Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Delivery Bsmt, Lower Level	E-Hr-Cpk-Pt-047	Coating Oil Work Tank (South)	Cprs90gw	560	Coating System	Welded Steel	Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Delivery Bsmt, Lower Level	E-Hr-Cpk-Pt-048	Delivery Hydraulic Reservoir	Bres Lube	1125	Hydraulic System	Welded Steel	Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Delivery Bsmt, Lower Level	E-Hr-Cpk-Pt-049	Delivery Hydraulic Accumulator	Bres Lube	330	Accumulator	Welded Steel	Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Entry South Hydraulic Bsmt	E-Hr-Cpk-Pt-063	Entry Hydraulic Reservoir	Hydraulic Oil (Dress Lube)	1400	Hydraulic System	Welded Steel	Bsmt Floor Trench / Entry South Bsmt Sump To #3 Steering Sump / N System Sump / Ttp	Low	
Entry South Hydraulic Bsmt	E-Hr-Cpk-Pt-064	Entry Hydraulic Accumulator	Hydraulic Oil (Dress Lube)	530	Accumulator	Welded Steel	Bsmt Floor Trench / Entry South Bsmt Sump To #3 Steering Sump / N System Sump / Ttp	Low	
Column R44	E-Hr-Cpk-Pt-065	#1 And #2 Payoff Edge Guide Hydraulic Reservoir	Mobile DTE 24	270	Hydraulic System	Welded Steel	Bldg Floor / Bsmt Sumps / N Pump Station Waste System / Ttp	Low	
Column T44	E-Hr-Cpk-Pt-066	#1 Passline Charging Conveyor Gear Box	Gear Oil	1200	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
							/ Ttp		
Column T44	E-Hr-Cpk-Pt-067	#2 Passline Charging Conveyor Gear Box	Gear Oil	1200	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System / Ttp	Low	
Column R44	E-Hr-Cpk-Pt-068	#1 Payoff Gear Box	Gear Oil	725	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System / Ttp	Low	
Columns R45 - R46	E-Hr-Cpk-Pt-069	#1 Flatner Reservoir	Gear Oil	180	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System / Ttp	Low	
Column R44	E-Hr-Cpk-Pt-070	#2 Payoff Gear Box	Gear Oil	7.25	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System / Ttp	Low	
Columns R45 - R46	E-Hr-Cpk-Pt-071	#2 Flatner Reservoir	Gear Oil	180	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System / Ttp	Low	
Column R46	E-Hr-Cpk-Pt-072	#1 Passline Scrap Shear Gear Box	Gear Oil	270	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System / Ttp	Low	
Column R46	E-Hr-Cpk-Pt-073	#2 Passline Scrap Shear Gear Box	Gear Oil	270	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System / Ttp	Low	
Column R47	E-Hr-Cpk-Pt-074	Resquare Shear Gear Box	Gear Oil	73	Gear Box	Welded Steel	East Entry Bsmt Sump / N Pump Station Waste System / Ttp	Low	
Column R50	E-Hr-Cpk-Pt-075A/B/C/D/E	#1 Bridal Gear Boxes (A-E)	Gear Oil	75	Gear Box	Welded Steel	Bldg Floor / East Entry Bsmt Sump / #3 Steering Sump / N System Sump / Ttp	Low	
Column R51	E-Hr-Cpk-Pt-076a/B/C/D	#2 Bridal Gear Boxes (A-D)	Gear Oil	302	Gear Box	Welded Steel	Bldg Floor / East Entry Bsmt Sump / #3 Steering Sump / N System Sump / Ttp	Low	
Column S52	E-Hr-Cpk-Pt-077	Temper Mill Roll Balance System	Hydraulic Oil	200	Hydraulic System	Welded Steel	Brick Dike	Low	
Column R53	E-Hr-Cpk-Pt-078a/B/C/D	#3 Bridal Gear Boxes (A-D)	Gear Oil	302	Gear Box	Welded Steel	East End Looper Bsmt / Looper Bsmt Sump / #3 Steering Sump / N System Sump / Ttp	Low	
Column R54	E-Hr-Cpk-Pt-079	#1, #2, And #3 Steering Hydraulic Unit	Mobil DTE 24	175	Hydraulic System	Welded Steel	Bldg Floor / Bsmt Sump / #3 Steering Sump / N Pump Station / Ttp	Low	
Column R55	E-Hr-Cpk-Pt-080A/B/C/D	#4 Bridal Gear Boxes (A-D)	Gear Oil	302	Gear Box	Welded Steel	Bldg Floor / Looper Bsmt Sump / #3 Steering Sump / Ttp	Low	
Column S54	E-Hr-Cpk-Pt-	Delivery Looper Car Gear	Gear Oil -	635	Gear Box	Welded Steel	Bldg Floor / Looper Bsmt	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	081	Box	Mobil Syn-630				Sump / #3 Steering Sump / Ttp		
Column R76	E-Hr-Cpk-Pt-082	#5 Bridal Gear Boxes (A-D)	Gear Oil	115	Gear Box	Welded Steel	Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Column R77	E-Hr-Cpk-Pt-083	#6 Bridal Gear Boxes (A-B)	Gear Oil	115	Gear Box	Welded Steel	Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Delivery Bsmt, Middle Level	E-Hr-Cpk-Pt-084A	Entry Looper Car Gear Box (Middle)	Gear Oil - Mobil Syn-630	635	Gear Box		Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Sump / Ttp	Low	
Delivery Bsmt, Lower Level	E-Hr-Cpk-Pt-084B	Entry Looper Car Gear Box (Lower)	Gear Oil - Mobil Syn-630	635	Gear Box		Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Sump / Ttp	Low	
Column S76	E-Hr-Cpk-Pt-085	#11 & #14 Steering Hydraulic System	Mobil DTE 24	390	Hydraulic System	Welded Steel	Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Column S78	E-Hr-Cpk-Pt-086	#15 Steering Hydraulic System	Mobil DTE 24	135	Hydraulic System	Welded Steel	Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Column R79	E-Hr-Cpk-Pt-087	Delivery Shear Gear Reduction	Gear Oil	135	Drive	Welded Steel	Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Column S81	E-Hr-Cpk-Pt-088	#1 Tension Reel Gear Reduction	Gear Oil	1250	Drive	Welded Steel	Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Column S81	E-Hr-Cpk-Pt-089	#2 Tension Reel Gear Reduction	Gear Oil	1250	Drive	Welded Steel	Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Delivery Bsmt, Middle Level	E-Hr-Cpk-Pt-090	Delivery Conveyor Gear Reduction	Gear Oil - Mobilgear 630	1650	Drive	Welded Steel	Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Column R90	E-Hr-Cpk-Pt-091	P&O Field Shear Hydraulic System	Hydraulic Oil	60	Hydraulic System	Welded Steel	Concrete Bldg Floor	Low	
Column S71	E-Hr-Cpk-Pt-092	#6 Steering Hydraulic System	Mobil DTE 24	120	Hydraulic System	Welded Steel	Bldg Floor / Looper Bsmt Sump / Delivery End Bsmt Sump / Pickle Sump /	Low	

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							Sewer / Ttp		
Welder Oil Bsmt	E-Hr-Cpk-Pt-094	Welder Oil Storage Tank	Mobil DTE Medium	360	Lubrication System	Welded Steel	Charging Conveyor Bsmt Sump / S1 Sump 1 / Ttp	Low	
Welder Oil Bsmt	E-Hr-Cpk-Pt-095	Welder Oil Reservoir	Mobil DTE Medium	76	Lubrication System	Welded Steel	Charging Conveyor Bsmt Sump / S1 Sump 1 / Ttp	Low	
Oil Storage Room	E-Hr-Cpk-Pt-096	Coating Oil Pre-Heat Tank	Henkel P080g	1300	Coating System	Welded Steel	1) Vaccuum FRom Containment; 2) May Go To S1 Sump / Ttp	Low	
Oil Storage Room	E-Hr-Cpk-Pt-097	Coating Oil Tank	Henkel P080g	450	Coating System	Welded Steel	1) Vaccuum FRom Containment; 2) May Go To S1 Sump / Ttp	Low	
Delivery Hydraulics Room	E-Hr-Cpk-Pt-098	Delivery Hydraulics Reservoir	Bres Lube	1125	Hydraulic System	Welded Steel	Subfloor / Delivery End Bsmt Sump / S1 Sump / Ttp	Low	
Delivery Hydraulics Room	E-Hr-Cpk-Pt-099	Asknia Hydraulic Oil Reservoir	Bres Lube	210	Hydraulic System	Welded Steel	Subfloor / Delivery End Bsmt Sump / S1 Sump / Ttp	Low	
Delivery Hydraulics Room	E-Hr-Cpk-Pt-100	Coating Oil Recirculating Tank	Henkel P080g	1125	Coating System	Welded Steel	Subfloor / Delivery End Bsmt Sump / S1 Sump / Ttp	Low	
Charging Conveyor Bsmt	E-Hr-Cpk-Pt-130	Charging Conveyor Gear Reduction	Gear Oil	700	Drive	Welded Steel	Charging Conveyor Bsmt Sump / S1 Pump Station / Ttp	Low	
Column I56	E-Hr-Cpk-Pt-131	Payoff Gear Box	Gear Oil - Mobilgear 630	150	Gear Box	Welded Steel	Charging Conveyor Bsmt Sump / S1 Pump Station / Ttp	Low	
Column I56	E-Hr-Cpk-Pt-132A	Processor Drive Grar Box (East)	Gear Oil	200	Drive	Welded Steel	Charging Conveyor Bsmt Sump / S1 Pump Station / Ttp	Low	
Column I56	E-Hr-Cpk-Pt-132B	Processor Drive Grar Box (West)	Gear Oil	200	Drive	Welded Steel	Charging Conveyor Bsmt Sump / S1 Pump Station / Ttp	Low	
Column I54	E-Hr-Cpk-Pt-133	Payoff Sled Traverse Gear Box	Gear Oil	200	Gear Box	Welded Steel	Charging Conveyor Bsmt Sump / S1 Pump Station / Ttp	Low	
Column H57	E-Hr-Cpk-Pt-134	North Shear Drive Assembly	Mobilgear 630	120	Drive	Welded Steel	Charging Conveyor Bsmt Sump / S1 Pump Station / Ttp	Low	
Column B5	E-Hr-Cpk-Pt-135	Stitcher Pinch Roll Drive Reduction	Gear Oil	180	Drive	Welded Steel	Bldg Floor / Charging Conveyor Bsmt Sump / S1 Sump 1 / Ttp	Low	
Column B29	E-Hr-Cpk-Pt-136	Coating Oil Tank Holding Tank	Henkel P080g	225	Coating System	Welded Steel	Bldg Floor / Finishing End Bsmt Sump/ S1 Sump/ Ttp	Low	
Column H60	E-Hr-Cpk-Pt-137	Entry Hydraulic Accumulator	Soluable Oil & Water	1300	Accumulator	Welded Steel	Conveyor Sump / S1 Sump / Ttp	Low	
Column B23	E-Hr-Cpk-Pt-138	Follower Pinch Roll Gear Box	Gear Oil	225	Gear Box	Welded Steel	Line Trench / Delivery Bsmt Sump / S1 Sump / Ttp	Low	
Column B29	E-Hr-Cpk-Pt-139	Delivery Shear Gear Reduction	Gear Oil - Mobilgear 630	75	Drive	Welded Steel	Line Trench / Delivery Bsmt Sump / S1 Sump / Ttp	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column B27	E-Hr-Cpk-Pt-140A	#3 Bridal Gear Box (Upper)	Gear Oil	115	Gear Box	Welded Steel	Bldg Floor / Finishing End Bsmt Sump/ S1 Sump/ Ttp	Low	
Column B27	E-Hr-Cpk-Pt-140B	#4 Bridal Gear Box (Lower)	Gear Oil	180	Gear Box	Welded Steel	Bldg Floor / Finishing End Bsmt Sump/ S1 Sump/ Ttp	Low	
Upcoiler Bsmt	E-Hr-Cpk-Pt-141	8 Line Upcoiler Discharge Conveyor Gear Reduction	Gear Oil	> 55	Drive	Welded Steel	Upcoiler Bsmt / S1 Sump / Ttp	Low	
Upcoiler Bsmt	E-Hr-Cpk-Pt-142	7 Line Upcoiler Discharge Conveyor Gear Reduction	Gear Oil	> 55	Drive	Welded Steel	Upcoiler Bsmt / S1 Sump / Ttp	Low	
Column B30	E-Hr-Cpk-Pt-143	Tension Reel Gear Box	Gear Oil	675	Gear Box	Welded Steel	Delivery Bsmt / S1 Sump / Ttp	Low	
Delivery Conveyor Bsmt	E-Hr-Cpk-Pt-144	Tight Coiler Conveyor Discharge Drive Reduction	Gear Oil	450	Drive	Welded Steel	Delivery Bsmt / S1 Sump / Ttp	Low	
66 Raw Coil Storage	E-Hr-Cpk-Pt-145	Upender Gear Box	Gear Oil	220	Gear Box	Welded Steel	Vault Under Unit	Low	
East End Spares	E-Hr-Cpk-Sa-035	Pickle Spares Drum Storage Area	See DSA Inventory Table		Drums	N/A	Brick Dike / Enpac Drum Workstations (2) / Enpac Poly-Spill Pallet 2000 (2)	Low	
Column R52	E-Hr-Cpk-Sa-036	Temper Mill Drum Storage Area	See DSA Inventory Table		Drums	N/A	Enpac Drum Workstation	Low	
Column R74	E-Hr-Cpk-Sa-037	North Pickle Coil Storage Drum Storage Area	See DSA Inventory Table		Drums	N/A	Enpac Drum Workstations (3) [60 Gal] / Enpac Ibc Spil-Pal (1) [400 Gal]	Low	
Column R80	E-Hr-Cpk-Sa-038	Delivery End Tote Storage Area	See DSA Inventory Table		Totes	N/A	Enpac Ibc Spil-Pal (3) [400 Gal]	Low	
Entry Hydraulic Pump Room	E-Hr-Cpk-Sa-039	Entry Hydraulic Pump Room Drum Storage Area	See DSA Inventory Table		Drums		Bldg Floor / Ground	Low	
Column H54	E-Hr-Cpk-Sa-040	South Pickle Entry End Drum Storage Area	See DSA Inventory Table		Drums	N/A	Enpac Drum Workstation	Low	
Columns B33-B34	E-Hr-Cpk-Sa-041	Delivery End Drum Storage Area	See DSA Inventory Table		Drums	N/A	Bldg Floor	Low	
5 Control Room	E-Hr-Cpk-Sa-042	5 Control Room Mg Set Oil Drum	See DSA Inventory Table		Drum	N/A	Room Floor To Elecrical Trenches	Low	
Column S54	E-Hr-Cpk-Sa-081	Delivery Looper Car Reduction Gear Box Fill Drum	Mobil Syn-630	55	Drum (Portable)	Welded Steel	Enpac Polly-Dolly 5300	Low	
Column R44	E-Hr-Cpk-Sa-102	Entry End Drum Storage Area	See DSA Inventory Table		Drums / Totes	N/A	Enpac Drum Workstations (2)	Low	
Column A23	E-Hr-Cpk-Sa-	Chopper Drum Storage	See DSA		Drums	N/A	Enpac Poly-Dolly (2) /	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	103	Area	Inventory Table				Enpac Drum Workstation (2)		
West Side	E-Hr-Cpk-Ss-032	Substation No. 32	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
West Side / S1 Pump Station	E-Hr-Cpk-Ss-032A	Substation No. 32A	Silicone		Transformer	Welded Steel	No Containment	Low	
Courtyard	E-Hr-Cpk-Ss-035	Substation No. 35	PCB		Transformer	Welded Steel	No Containment	Low	
Se Corner Of Bldg	E-Hr-Cpk-Ss-051	Substation No. 51	PCB		Transformer	Welded Steel	Bldg Floor + Concrete Bldg Wall + 2.5" Angle Iron For PCB Transformer	Low	
Ne Corner Of Bldg	E-Hr-Cpk-Ss-052	Substation No. 52	Silicone		Transformer	Welded Steel	No Containment	Low	
Ne Corner Of Bldg	E-Hr-Cpk-Ss-052A	Substation No. 52A	Silicone		Transformer	Welded Steel	No Containment	Low	
Se Of Sheet Division Office	E-Hr-Cpk-Ss-058	Substation No. 58	Silicone		Transformer	Welded Steel	No Containment	Low	
South End Of Bldg / No. 64 Substation / Column B35	E-Hr-Cpk-Ss-064	Substation No. 64	Silicon (1052) / PCB (822)		Transformer	Welded Steel	Bldg Floor - Not Impervious	Low	
Raw Oil Storage	E-Hr-Cpk-St-031	Used Welder Oil Storage Tank	Eco Safe FR-68 (Used)	880	AST	Welded Steel	Brick Dike / Bldg Floor / Ground	Low	
Column R47	E-Hr-Cpk-St-038	Welder Oil Tote	Eco Safe FR-68 Polyether Polyol Hydraulic Fluid	600	Tote	Welded Steel	Enpac Plastic Dike	Low	
Column S65	E-Hr-Cpk-St-042	Soluable Oil Storage Tank	Empty	14600	AST	Welded Steel	Brick Dike	Low	
Column S66	E-Hr-Cpk-St-043	Coating Oil Storage Tank	Vulcan Oil Crp90gw	13500	AST	Welded Steel	Brick Dike	Low	
Column S66	E-Hr-Cpk-St-044	Hydraulic Oil Storage Tank	Hydraulic Oil	13500	AST	Welded Steel	Brick Dike	Low	
Courtyard	E-Hr-Cpk-St-077	South Pickle Soluable Oil Storage Tank	DA Stuart	5600	AST	Welded Steel	In Ground Pit Under Tank	Low	
Entry Hydraulic Pump Room	E-Hr-Cpk-St-078a	Entry Hydraulic Oil Tank	Soluable Oil & Water	5950	AST	Welded Steel	Bldg Trench / Sump / Conveyor Sump / S1 Sump / Ttp	Low	
Entry Hydraulic Pump Room	E-Hr-Cpk-St-078b	Entry Antifreeze Tank	Antifreeze	1280	AST	Welded Steel	1) Env-Hr-78a; 2) Bldg Trench / Sump / Conveyor Sump / S1 Sump / Ttp	Low	
Entry Hydraulic Pump Room	E-Hr-Cpk-St-078c	Soluble Oil Tank	Soluable Oil	450	AST	Welded Steel	1) Env-Hr-78a; 2) Bldg Trench / Sump / Conveyor Sump / S1 Sump / Ttp	Low	
Entry Hydraulic Pump Room	E-Hr-Cpk-St-079	Soluble Oil Tote (North)	Soluable Oil	350	Tote	Welded Steel	Bldg Trench / Sump / Conveyor Sump / S1 Sump	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
							/ Ttp		
Entry Hydraulic Pump Room	E-Hr-Cpk-St-080	Soluble Oil Tote (South)	Soluable Oil	350	Tote	Welded Steel	Bldg Trench / Sump / Conveyor Sump / S1 Sump / Ttp	Low	
Oil Storage Room	E-Hr-Cpk-St-081	Hydraulic Oil Storage Tank	Bres Lube	9400	AST	Welded Steel	1) Vaccuum FRom Containment; 2) May Go To S1 Sump / Ttp	Low	
Oil Storage Room	E-Hr-Cpk-St-082	Coating Oil Storage Tank	Henkel P080g	9400	AST	Welded Steel	1) Vaccuum FRom Containment; 2) May Go To S1 Sump / Ttp	Low	
Column S77	E-Hr-Cpk-St-084C	Entry Looper Car Fill Station	Mobil Shc 630 (Synthetic Oil)	55	Drum	Welded Steel	Bldg Floor / Delivery End Bsmt Sump / Pickle Sump / Sewer / N System Pump Station / Ttp	Low	
Column H54	E-Hr-Cpk-St-136	Welder Oil Feed Drum	Mobil DTE Medium	55	Drum (Portable)	Welded Steel	Enpac Poly-Dolly	Low	
	E-Hr-Cpk-St-300	Abandoned Used Oil Tank	Empty	14000	AST	Welded Steel	Earthen Berm / Dike	Low	
Column B19 / Platform	E-Hr-Cpk-Xf-025	South Pickle Lighting Transformer 856	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
Column B19 / Platform	E-Hr-Cpk-Xf-026	South Pickle Lighting Transformer 857	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
Column B19 / Platform	E-Hr-Cpk-Xf-027	South Pickle Lighting Transformer 858	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
Column B19 / Platform	E-Hr-Cpk-Xf-028	South Pickle Lighting Transformer 859	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
Column B19 / Platform	E-Hr-Cpk-Xf-029	South Pickle Lighting Transformer 860	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
Column B19 / Platform	E-Hr-Cpk-Xf-030	South Pickle Lighting Transformer 861	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
Column B62 To B63	E-Hr-Hsm-Gs-001	Back-Up Roll Chock Greasing Station	Bulk Grease		Working Drums	N/A	Bldg Floor	Low	
Column B73	E-Hr-Hsm-Gs-002	Work Roll Greasing Station (West)	Bulk Grease / Oils		Working Drums	N/A	Bldg Floor	Low	
Column B85	E-Hr-Hsm-Gs-003	Work Roll Greasing Station (East)	Bulk Grease / Oils		Working Drums	N/A	Bldg Floor	Low	
Column D95	E-Hr-Hsm-Gs-004	Coiler Greasing Station	Bulk Grease		Working Drums	Drums	Bldg Floor	Low	
Behind R2	E-Hr-Hsm-Gs-005	Roughing Mill Greasing Station	Coupling Lube Ep-1		Totes	Welded Steel	Catch Pan / Bldg Floor	Low	
Column D52	E-Hr-Hsm-Gs-006	R4 And R5 Greasing Station	Almaplex Industrial Lubricant		Drum	Welded Steel	Bldg Floor	Low	
Column A57	E-Hr-Hsm-Gs-007	Mobile Grease Station	Bulk Grease	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Negligible	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
South Side	E-Hr-Hsm-Ls-001	Roll Shop Unloading Station		7500	Unloading Station		Hose Connection Catch Basin	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
South Side Of Roll Shop	E-Hr-Hsm-Ls-002	Roughing Mill Unloading Station		7500	Unloading Station		Hose Connection Catch Basin	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
South Side Of Roll Shop	E-Hr-Hsm-Ls-003	B-Lube Oil Unloading Station		7500	Unloading Station		None	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
South Side Of Roll Shop	E-Hr-Hsm-Ls-004	Roughing Mill Bulk Grease Unloading Station		7500	Unloading Station		Hose Connection Catch Basin	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
North Side	E-Hr-Hsm-Ls-005	Rot Bulk Grease Unloading Station		7500	Unloading Station		Hose Connection Catch Basin	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
North Side	E-Hr-Hsm-Ls-006	Coiler / Finishing Mill Unloading Station		7500	Unloading Station		Hose Connection Catch Basin	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Column C27	E-Hr-Hsm-Ls-007	Bulk Grease Unloading Station At Main Grease Tank	Bulk Grease	5000	Unloading Station		Bldg Floor / Bsmt	Low	
Column F17	E-Hr-Hsm-Ls-008	#2 Furnace Bulk Grease Unloading Station	Bulk Grease	5000	Unloading Station		Gravel Floor (Sufficient For Grease)	Low	
Column F22	E-Hr-Hsm-Ls-009	#3 Furnace Bulk Grease Unloading Station	Bulk Grease	5000	Unloading Station		Gravel Floor (Sufficient For Grease)	Low	
Column F26	E-Hr-Hsm-Ls-010	#4 Furnace Bulk Grease Unloading Station	Bulk Grease	5000	Unloading Station		Gravel Floor (Sufficient For Grease)	Low	
	E-Hr-Hsm-Pl-001	84" Hot Strip Mill Grease Pipeline And Grease Drops	Bulk Grease					Low	
Column A69	E-Hr-Hsm-Pl-002	Mobil Oiling Station	Metlube 8000 Ep	55	Drum (Portable)	Welded Steel	Enpac Polly-Dolly	Negligible	
Column B80	E-Hr-Hsm-Pl-003	Mobile Grease Station	Red Lcep-2 Lube Grease (Chemtool)	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Negligible	
Column B84	E-Hr-Hsm-Pl-004	Mobile Grease Station	Red Lcep-2 Lube Grease (Chemtool)	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Negligible	
	E-Hr-Hsm-Pl-005	Mobile Grease Station	Bulk Grease	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Negligible	
	E-Hr-Hsm-Pl-006	Mobile Grease Station	Bulk Grease	55	Drum (Portable)	Welded Steel	Cart / Bldg Floor	Negligible	
Column L21	E-Hr-Hsm-Pl-007	Portable Lube Tote	Bulk Grease	500	Tote (Portable)	Welded Steel	Concrete Floor	Negligible	
Column L21	E-Hr-Hsm-Pl-008	Portable Lube Drums (2)	Bulk Grease	55	Drum (Portable)	Welded Steel	Concrete Floor	Negligible	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column B66	E-Hr-Hsm-Pt-001	Back-Up Roll Chocking Machine (West)	Hydraulic Oil	265	Hydraulic System	Welded Steel	Concrete Chocking Machine Pit	Low	
Column B66	E-Hr-Hsm-Pt-002	Back-Up Roll Chocking Machine (East)	Hydraulic Oil	265	Hydraulic System	Welded Steel	Concrete Chocking Machine Pit	Low	
Column A67	E-Hr-Hsm-Pt-003	Lathe Tail Stock Hydraulics	Metlube 450	120	Hydraulic System	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column B68	E-Hr-Hsm-Pt-005	Tilter Hydraulic System	Unknown Hydraulic Oil	385	Hydraulic System	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column A83	E-Hr-Hsm-Pt-008a	#7 Grinder Hydraulic Unit (Spindle Oil)	Mobil DTE 24 Hydraulic Oil	170	Hydraulic System	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column A83	E-Hr-Hsm-Pt-008b	#7 Grinder Hydraulic Unit (Way Oil)	Mobil Vactra Oil	120	Hydraulic System	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column A81	E-Hr-Hsm-Pt-009a	#6 Grinder Hydraulic Unit (Spindle Oil)	Mobil DTE	170	Hydraulic System	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column A81	E-Hr-Hsm-Pt-009b	#6 Grinder Hydraulic Unit (Way Oil)	Mobil Vactra Oil No. 2	90	Hydraulic System	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column A78 - Bsmt	E-Hr-Hsm-Pt-010A	#5 Grinder Hydraulic Unit (Spindle Oil)	Mobil DTE	170	Hydraulic System	Welded Steel	Bsmt / Oily Waste Sump / Ttp	Low	
Column A78 - Bsmt	E-Hr-Hsm-Pt-010B	#5 Grinder Hydraulic Unit (Way Oil)	Mobil Vactra Oil No. 2	90	Hydraulic System	Welded Steel	Bsmt / Oily Waste Sump / Ttp	Low	
Column A77 - Bsmt	E-Hr-Hsm-Pt-011A	#4 Grinder Hydraulic Unit (Spindle Oil)	Mobil DTE	170	Hydraulic System	Welded Steel	Bsmt / Oily Waste Sump / Ttp	Low	
Column A77 - Bsmt	E-Hr-Hsm-Pt-011B	#4 Grinder Hydraulic Unit (Way Oil)	Mobil Vactra Oil No. 2	90	Hydraulic System	Welded Steel	Bsmt / Oily Waste Sump / Ttp	Low	
Coiler Ajc/Aux. Hyd. Room	E-Hr-Hsm-Pt-014	Auxilliary Hydraulics Tank	Mobil DTE 25 Hydraulic Oil	560	Hydraulic System	Welded Steel	Room Floor / Bsmt / Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
Coiler Ajc/Aux. Hyd. Room	E-Hr-Hsm-Pt-015	Ajc Tank	Mobil DTE 25 Hydraulic Oil	2265	Hydraulic System	Welded Steel	Room Floor / Bsmt / Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
Coiler Ajc/Aux. Hyd. Room	E-Hr-Hsm-Pt-016	Auxilliary Hydraulics Accumulators (4)	Mineral Oil	20	Accumulator	Welded Steel	Room Floor / Bsmt / Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
Coiler Ajc/Aux. Hyd. Room	E-Hr-Hsm-Pt-017	Ajc Accumulators (11)	Mineral Oil	55	Accumulator	Welded Steel	Room Floor / Bsmt / Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
Column D92	E-Hr-Hsm-Pt-022	807 Quintolubric Oil/Water Mixing Tank (M-System)	807 Quintolubric & Water	4500	Holding Tank	Welded Steel	Bldg Floor / Rot Trench / Rot Pit (No Oil Removal)	Low	
F Morg Oil Bsmt	E-Hr-Hsm-Pt-023	F Morg Oil Tank East	Lube Oil	20000	Lubrication System	Steel	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
F Morg Oil Bsmt	E-Hr-Hsm-Pt-024	F Morg Oil Tank West	Lube Oil	20000	Lubrication System	Steel	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Coiler Bsmt	E-Hr-Hsm-Pt-024A	M-System Accumulator #1	Mineral Oil	1400	Accumulator	Welded Steel	Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
F Morg Oil Bsmt	E-Hr-Hsm-Pt-025	Hydroset Cleaner Tank	Lube Oil / Process Water	1000	Lubrication System	Steel	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Coiler Bsmt	E-Hr-Hsm-Pt-025A	M-System Accumulator #2	Mineral Oil	3035	Accumulator	Welded Steel	Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
F Morg Oil Bsmt	E-Hr-Hsm-Pt-026	Accumulator	Lube Oil	700	Accumulator	Steel	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Coiler Bsmt	E-Hr-Hsm-Pt-026a	Gear Box Return Tank Coiler #1	Gear Oil - Mobil 634	150	Gear Box System	Welded Steel	Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
Coiler Bsmt	E-Hr-Hsm-Pt-027a	Gear Box Return Tank Coiler #2	Gear Oil - Mobil 634	150	Gear Box System	Welded Steel	Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
F Morg Oil Bsmt	E-Hr-Hsm-Pt-028	C Accumulator Morg Oil	Lube Oil	300	Accumulator	Steel	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Coiler Bsmt	E-Hr-Hsm-Pt-028a	Gear Box Return Tank Coiler #3	Gear Oil - Mobil 634	150	Gear Box System	Welded Steel	Coiler Sump / Fm Scale Pit Flume / Recycling	Low	
	E-Hr-Hsm-Pt-029a	E Hydraset Cleaner Tank	Lube Oil	900	Lubrication System	Welded Steel	Bsmt Sumps #9 & #11 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-029c	#1 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 1 / Header / Ttp	Low	
E Morg Oil Bsmt	E-Hr-Hsm-Pt-029e	E Morg Oil Tank East	Lube Oil	6000	Lubrication System	Steel	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
E Morg Oil Bsmt	E-Hr-Hsm-Pt-030	E Morg Oil Tank West	Lube Oil	6000	Lubrication System	Steel	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-Pt-030A	Accumulator	Lube Oil	250	Accumulator	Welded Steel	Bsmt Sump #4 Or #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-030C	#2 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 2 / Header / Ttp	Low	
E Morg Oil Bsmt	E-Hr-Hsm-Pt-031	E Accumulator Tank	Lube Oil	400	Accumulator	Welded Steel	Bsmt Sump #11 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-031C	#3 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 3 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-032A	Finishing Mill Roll Lube System	Lube Oil	780	Lubrication System	Welded Steel	Curbing / Overflow To Floor / Fm Flume To Sump / Ttp	Low	
	E-Hr-Hsm-Pt-032C	#4 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 4 / Header / Ttp	Low	
E Morg Oil Bsmt	E-Hr-Hsm-Pt-	C Lube Oil Tank East	Lube Oil	10000	Lubrication	Welded Steel	Bsmt Sumps #9 & #11 /	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	032e				System		Oily Waste Header / Oily Waste Sump / Ttp		
E Morg Oil Bsmt	E-Hr-Hsm-Pt-033	C Lube Oil Tank West	Lube Oil	10000	Lubrication System	Welded Steel	Bsmt Sumps #9 & #11 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
84" Motor Room Bsmt East End	E-Hr-Hsm-Pt-033A	Finishing Mill Bowser Oil Tank #1 (East)	Mobil DTE Heavy Medium	1200	Lubrication System	Welded Steel	(See Notes)	Low	
	E-Hr-Hsm-Pt-033C	#5 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 5 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-034	Finishing Mill Hydraulic Mixing Tank	Hydraulic Oil	3000	Hydraulic System	Welded Steel	Bsmt Sump #9 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
84" Motor Room Bsmt East End	E-Hr-Hsm-Pt-034A	Finishing Mill Bowser Oil Tank #2 (West)	Mobil DTE Heavy Medium	1200	Lubrication System	Welded Steel	(See Notes)	Low	
	E-Hr-Hsm-Pt-034C	#6 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 6 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-035	Holding Table Hydraulic Power Unit	Hydraulic Oil	1300	Hydraulic System	Welded Steel	Bsmt Sump #9 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-035C	#7 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 7 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-036c	#8 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 8 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-037c	#9 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 9 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-038c	#10 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 10 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-039c	#11 Retarder Shaft Gear Reduction	Gear Oil - 80/90 Weight	580	Drive	Welded Steel	Sump / Header / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-Pt-040	D Morgoil Tank East	Lube Oil	6000	Lubrication System	Welded Steel	Bsmt Sump #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-040C	#1 Turnaround Gear Reduction	Gear Oil - 80/90 Weight	560	Drive	Welded Steel	Sump / Header / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-Pt-041	D Morgoil Tank West	Lube Oil	6000	Lubrication System	Welded Steel	Bsmt Sump #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-041C	#11 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 11 / Header / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-Pt-042	Separator Tank	Lube Oil And Process Water	6000	Lubrication System	Welded Steel	Bsmt Sump #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-042C	#12 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 12 / Header / Ttp	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	E-Hr-Hsm-Pt-043C	#14 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 13 / Header / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-Pt-044	2A Lube System Tank East	Lube Oil	12000	Lubrication System	Welded Steel	Bsmt Sump #4 Or #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-044C	#2 Turnaround Gear Reduction	Gear Oil - 80/90 Weight	560	Drive	Welded Steel	Sump / Header / Ttp	Low	
At No. 3 Turnaround	E-Hr-Hsm-Pt-045C	#17 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 17 / Header / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-Pt-045D	2A Lube System Tank West	Lube Oil	12000	Lubrication System	Welded Steel	Bsmt Sump #4 Or #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-Pt-046	2A Lube System Accumulator	Lube Oil	440	Accumulator	Welded Steel	Bsmt Sump #4 Or #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-046c	#3 Turnaround Gear Reduction	Gear Oil - 80/90 Weight	560	Drive	Welded Steel	Sump / Header / Ttp	Low	
South Pickle Annex / Column 43	E-Hr-Hsm-Pt-047c	#2, 3, 4, 5 Turnaround Hydraulic Reservoir	Hydraulic Oil	2000	Hydraulic System	Welded Steel	Bldg Floor / Bsmt Sump /Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-Pt-047d	Roughing Mill Hydraulic Mixing Tank	Hydraulic Oil	1500	Hydraulic System	Welded Steel	Bsmt Sump #4 Or #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
B Lube Bsmt	E-Hr-Hsm-Pt-048	B Lube System Tank East	Lube Oil	16000	Lubrication System	Welded Steel	Bsmt Sump #3 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
B Lube Bsmt	E-Hr-Hsm-Pt-049	B Lube System Tank West	Lube Oil	16000	Lubrication System	Welded Steel	Bsmt Sump #3 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-049c	#2, 3, 4, 5 Turnaround Hydraulic Accumulator 1	Mineral Oil	950	Accumulator	Welded Steel	Bsmt Sump / Ttp	Low	
B Lube Bsmt	E-Hr-Hsm-Pt-050	B Lube Accumulator	Lube Oil And Process Water	500	Accumulator	Welded Steel	Bsmt Sump #3 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-050C	#2, 3, 4, 5 Turnaround Hydraulic Accumulator 2			Accumulator	Welded Steel	Bsmt Sump / Ttp	Low	
B Lube Bsmt	E-Hr-Hsm-Pt-051	D Morg Oil Return Tank	Lube Oil	500	Lubrication System	Welded Steel	Bsmt Sump #3 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-051C	#18a Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 18a / Header / Ttp	Low	
	E-Hr-Hsm-Pt-052C	#18b Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 18b / Header / Ttp	Low	
A Lube Bsmt	E-Hr-Hsm-Pt-053	A Lube Oil Tank East	Lube Oil	6500	Lubrication System	Welded Steel	Bsmt Sump #1 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-	#4 Turnaround Gear	Gear Oil -	560	Drive	Welded Steel	Sump / Header / Ttp	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	053C	Reduction	80/90 Weight						
A Lube Bsmt	E-Hr-Hsm-Pt-054	A Lube Oil Tank West	Lube Oil	6500	Lubrication System	Welded Steel	Bsmt Sump #1 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-054C	#19 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 19 / Header / Ttp	Low	
A Lube Bsmt	E-Hr-Hsm-Pt-055	A Lube Accumulator	Lube Oil	200	Accumulator	Welded Steel	Bsmt Sump #1 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Pt-055C	#14 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 14 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-056c	#15 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 15 / Header / Ttp	Low	
At No. 5 Turnaround	E-Hr-Hsm-Pt-057	#16 Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Conveyor Sump 16 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-058c	#5 Turnaround Gear Reduction	Gear Oil - 80/90 Weight	560	Drive	Welded Steel	Sump / Header / Ttp	Low	
	E-Hr-Hsm-Pt-059c	R7 Gear Reduction	Gear Oil - 80/90 Weight	440	Drive	Welded Steel	Bsmt Sump / Ttp	Low	
	E-Hr-Hsm-Pt-060C	#1 Retarder Shaft Gear Reduction	Gear Oil - 80/90 Weight	580	Drive	Welded Steel	Sump / Header / Ttp	Low	
	E-Hr-Hsm-Pt-061C	Bander Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Bander Area Sump / Header / Ttp	Low	
	E-Hr-Hsm-Pt-062C	Receiver Gear Reduction	Gear Oil - 80/90 Weight	1500	Drive	Welded Steel	Receiver Area Sump 1 / Header / Ttp	Low	
	E-Hr-Hsm-Pt-092C	Conveyor Hydraulic Reservoir	Water W/ 2% Soluble Hydraulic Oil	1500	Hydraulic System	Welded Steel	Bsmt Sump / No. 10 Lift / Ttp	Low	
	E-Hr-Hsm-Pt-093C	Conveyor Hydraulic Accumulator Tank	Hydraulic Oil	250	Accumulator	Welded Steel	Bsmt Sump / No. 10 Lift / Ttp	Low	
Column C11	E-Hr-Hsm-Pt-100	Slab Kick-Back Table Gear Box	Bulk Grease	6300	Gear Box	Welded Steel	Bldg Floor	Low	
Column C15	E-Hr-Hsm-Pt-101	#1 Intermediate Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column C19	E-Hr-Hsm-Pt-102	#2 Intermediate Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column C23	E-Hr-Hsm-Pt-103	#3 Intermediate Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column C27	E-Hr-Hsm-Pt-104	#4 Intermediate Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column C09	E-Hr-Hsm-Pt-105A	Kick-Back Table Pusher Arm/Drive (West)	Mobilgear 636	1350	Drive	Welded Steel	1) Furnace Bsmt / Vac Truck / Landfill; 2) Bldg Floor; 2) Drives Sump	Low	
Column C09	E-Hr-Hsm-Pt-105B	Kick-Back Table Pusher Arm/Drive (East)	Mobilgear 636	1350	Drive	Welded Steel	1) Furnace Bsmt / Vac Truck / Landfill; 2) Bldg	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
							Floor; 2) Drives Sump		
Column F13	E-Hr-Hsm-Pt-106a	#1 Furnace Pusher Arm/Drive (West)	Mobilgear 636	1350	Drive	Welded Steel	1) Bldg Floor (Loose Gravel); 2) Drives Sump	Low	
Column F13	E-Hr-Hsm-Pt-106b	#1 Furnace Pusher Arm/Drive (East)	Mobilgear 636	1350	Drive	Welded Steel	1) Bldg Floor (Loose Gravel); 2) Drives Sump	Low	
Column F17	E-Hr-Hsm-Pt-107a	#2 Furnace Pusher Arm/Drive (West)	Mobilgear 636	1350	Drive	Welded Steel	1) Bldg Floor (Loose Gravel); 2) Drives Sump	Low	
Column F17	E-Hr-Hsm-Pt-107b	#2 Furnace Pusher Arm/Drive (East)	Mobilgear 636	1350	Drive	Welded Steel	1) Bldg Floor (Loose Gravel); 2) Drives Sump	Low	
Column F22	E-Hr-Hsm-Pt-108a	#3 Furnace Pusher Arm/Drive (West)	Mobilgear 636	1350	Drive	Welded Steel	1) Bldg Floor (Loose Gravel); 2) Drives Sump	Low	
Column F22	E-Hr-Hsm-Pt-108b	#3 Furnace Pusher Arm/Drive (East)	Mobilgear 636	1350	Drive	Welded Steel	1) Bldg Floor (Loose Gravel); 2) Drives Sump	Low	
Column F26	E-Hr-Hsm-Pt-109a	#4 Furnace Pusher Arm/Drive (West)	Mobilgear 636	1350	Drive	Welded Steel	1) Bldg Floor (Loose Gravel); 2) Drives Sump	Low	
Column F26	E-Hr-Hsm-Pt-109b	#4 Furnace Pusher Arm/Drive (East)	Mobilgear 636	1350	Drive	Welded Steel	1) Bldg Floor (Loose Gravel); 2) Drives Sump	Low	
Column F13	E-Hr-Hsm-Pt-113	#1 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column F14	E-Hr-Hsm-Pt-114	#2 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column F17	E-Hr-Hsm-Pt-115	#3 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column F18	E-Hr-Hsm-Pt-116	#4 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column F20	E-Hr-Hsm-Pt-117	#5 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column F22	E-Hr-Hsm-Pt-118	#6 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column F25	E-Hr-Hsm-Pt-119	#7 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column F26	E-Hr-Hsm-Pt-120	#8 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column F27	E-Hr-Hsm-Pt-121	#9 Charge Table Gear Box	Bulk Grease	2800	Gear Box	Welded Steel	Bldg Floor	Low	
Column E34	E-Hr-Hsm-Pt-123	#1 Receiving Table Gear Box	Bulk Grease	3775	Gear Box	Welded Steel	Bldg Floor	Low	
Column E32	E-Hr-Hsm-Pt-124	#2 Receiving Table Gear Box	Bulk Grease	3775	Gear Box	Welded Steel	Bldg Floor	Low	
Column E30	E-Hr-Hsm-Pt-125	#3 Receiving Table Gear Box	Bulk Grease	3775	Gear Box	Welded Steel	Bldg Floor	Low	
Between #2 & #3 Furnaces / 3rd Floor	E-Hr-Hsm-Pt-126	Furnace Fan Bearing Oil Recirculating Tank (West)	Lube Oil	242	Holding Tank	Stainless Steel	Concrete Floor	Low	
Between #2 & #3	E-Hr-Hsm-Pt-	Furnace Fan Bearing Oil	Lube Oil	242	Holding Tank	Stainless Steel	Concrete Floor	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Furnaces / 3rd Floor	127	Recirculating Tank (East)							
Column A47	E-Hr-Hsm-Sa-001	Used Oil Drum Storage Area	See DSA Inventory Table		Drums / Totes	N/A	Rectangular Steel Dike	Low	
Column A67	E-Hr-Hsm-Sa-002	Lathe Hydraulic Fluid Storage Area	See DSA Inventory Table		Drums	N/A	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column B67	E-Hr-Hsm-Sa-003	Tilter Drum Storage Area	See DSA Inventory Table		Drum	N/A	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Columns A89 To A90	E-Hr-Hsm-Sa-004	Door 10 Empty Oil Drum Storage Area	See DSA Inventory Table		Drums / Totes	N/A	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Columns A88 To A89	E-Hr-Hsm-Sa-005	Door 10 Full Drum Storage Area	See DSA Inventory Table		Drums / Totes	N/A	Concrete Bermed Containment Area	Low	
Column A88	E-Hr-Hsm-Sa-006	East Side Roll Shop Drum Storage Area	See DSA Inventory Table		Drums	N/A	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column A75	E-Hr-Hsm-Sa-009	Synthetic Oil Drum (Glygoyle-22)	See DSA Inventory Table		Drum	N/A	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Bend/Shift Room	E-Hr-Hsm-Sa-010	Kerosene Filling Station	See DSA Inventory Table		Drum	N/A	Bend/Shift Room Sump / 84" Hsm Flume / Recycling	Low	
Column C45 To C44	E-Hr-Hsm-Sa-011	Empty Oil Container Storage	See DSA Inventory Table		Drums / Totes	N/A	Bldg Floor	Low	
Column D100	E-Hr-Hsm-Sa-012	East Coiler Drum Storage Area	See DSA Inventory Table		Drum	N/A	Bldg Floor / Soaked Up By Dirt In Coil Area	Low	
Column D94	E-Hr-Hsm-Sa-013	Coiler Drum Storage Area	See DSA Inventory Table		Drums	N/A	Bldg Floor / Rot / Rot Pit (No Oil Skimming)	Low	
Coiler Bsmt	E-Hr-Hsm-Sa-014	Coiler Hydraulic Bsmt Drum Storage Area	See DSA Inventory Table		Drums	N/A	Coiler Bsmt Sump / Finishing Mill Flume / Finishing Mill Scale Pit	Low	
Columns D85 To D89	E-Hr-Hsm-Sa-015	Rot Empty Container Staging Area	See DSA Inventory Table		Totes	N/A	Bldg Floor (No Curbing)	Low	
F Morg Oil Bsmt	E-Hr-Hsm-Sa-016	F Morg Oil Drum Storage Area	See DSA Inventory Table		Drums	N/A	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Column 3 / Row Gg 92	E-Hr-Hsm-Sa-017	42 Spares Drum Storage Area	See DSA Inventory		Drums / Totes	N/A	Curbed Area	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
			Table						
Column D63	E-Hr-Hsm-Sa-018	Air Compressor Used Oil Drum Storage Area	See DSA Inventory Table		Drums	N/A	Bsmt Trenches / Bsmt Sump / Ttp	Low	
By No. 10 Gear Drive Shaft	E-Hr-Hsm-Sa-019	#1 Turnaround Filling / Drum Storage Area	See DSA Inventory Table		Drum	N/A	Sump / Ttp	Low	
Bsmt	E-Hr-Hsm-Sa-020	Conveyor Hydraulic Bsmt Drum Storage Area	See DSA Inventory Table		Drum	N/A	Bsmt Sump / Ttp	Low	
South Pickle Annex / Column 43	E-Hr-Hsm-Sa-021	Soluble Oil Tote Storage Area	See DSA Inventory Table		Tote	N/A	Bsmt Sump / Ttp	Low	
	E-Hr-Hsm-Sa-022	#2, 3, 4, 5 Turnaround Drum Storage Area	See DSA Inventory Table		Drum	N/A	Bsmt Sump / Ttp	Low	
Column K16 / Conveyor Maintenances Shop	E-Hr-Hsm-Sa-023	Conveyor Drum Storage Area #1	See DSA Inventory Table		Drums / Totes	N/A	Bsmt Sump / Ttp	Low	
Column L25	E-Hr-Hsm-Sa-024	Conveyor Drum Storage Area #2	See DSA Inventory Table		Drums	N/A	Steel Dike	Low	
	E-Hr-Hsm-Sa-038	606 Gear Oil Tote	Lube Oil	525	Tote	Fiberglass	Steel Dike W/ Drain To Descaling Pump Room Subfloor / Bsmt Sump #9 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Sa-039	303 Gear Oil Tote	Lube Oil	525	Tote	Fiberglass	Steel Dike W/ Drain To Descaling Pump Room Subfloor / Bsmt Sump #9 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Column F13	E-Hr-Hsm-Sa-100A	#1 Furnace Pusher Arm Drum Storage Area	See DSA Inventory Table		Drum	N/A	Drive Sump And Bldg Floor (Concrete And Loose Gravel In Slab Stg. Yard)	Low	
Column F17	E-Hr-Hsm-Sa-100B	#2 Furnace Pusher Arm Drum Storage Area	See DSA Inventory Table		Drum	N/A	Drive Sump And Bldg Floor (Concrete And Loose Gravel In Slab Stg. Yard)	Low	
Column F20	E-Hr-Hsm-Sa-100C	#3 Furnace Pusher Arm Drum Storage Area	See DSA Inventory Table		Drums	N/A	Drive Sump And Bldg Floor (Concrete And Loose Gravel In Slab Stg. Yard)	Low	
Column F24	E-Hr-Hsm-Sa-100D	#4 Furnace Pusher Arm Drum Storage Area	See DSA Inventory Table		Drum	N/A	Drive Sump And Bldg Floor (Concrete And Loose Gravel In Slab Stg. Yard)	Low	
Column K109	E-Hr-Hsm-Ss-018b	Substation No. 18b	PCB		Transformer	Welded Steel	Bldg Floor / Electrical Bsmt / Conveyor Line Trench /	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
							Ttp		
80" Motor Room West End	E-Hr-Hsm-Ss-019a	Substation No. 19a	Silicone		Transformer	Welded Steel	1) Concrete Curbing (410, 411, 412); 2) Bldg Floor / Bsmt Sumps / Ttp (691 & 692)	Low	
	E-Hr-Hsm-Ss-026f	Substation No. 26f	Silicon / Mineral Oil / PCB		Transformer	Welded Steel	No Containment	Low	
	E-Hr-Hsm-Ss-057	Substation No. 57	Silicone		Transformer	Welded Steel	No Containment	Low	
Column D100	E-Hr-Hsm-Ss-081	Substation No. 81	Silicone		Transformer	Welded Steel	Built-In Rectangular Dike (1115/1116); No Containment (560/561)	Low	
East End	E-Hr-Hsm-Ss-082	Substation No. 82	Silicone		Transformer	Welded Steel	Bldg Floor / Bsmt / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Column B60	E-Hr-Hsm-Ss-083	Substation No. 83	Silicone		Transformer	Welded Steel	Bldg Floor / Roll Chock Machine Pit	Low	
Column E61 840-841 / Column E90 838-839	E-Hr-Hsm-Ss-084	Substation No. 84	PCB		Transformer	Welded Steel	Concrete Curbing (Slab Yard Xfmrs); Motor Room Floor / Electrical Bsmt / Hydraulic Bsmt / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Ss-085	Substation No. 85	3 Silicon / PCB Rectifier		Transformer	Welded Steel	Bldg Floor / 84" Hsm Charge Mr Bsmt Sump / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-Ss-086	Substation No. 86	Silicon / PCB Rectifieir		Transformer	Welded Steel	Bldg Floor / 84" Hsm Charge Mr Bsmt Sump / Oily Waste Header / Oily Waste Sump / Ttp	Low	
West Of Hsm By Gantry Cranes	E-Hr-Hsm-Ss-090	Substation No. 90	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Filtration Bldg	E-Hr-Hsm-Ss-092	Substation No. 92	R-Temp / Mineral Oil		Transformer	Welded Steel	Concrete Curbing W/Gravel (Insufficient Capacity)	Low	
	E-Hr-Hsm-St-001	Main Lube Tank	Grease	12000	AST	Welded Steel	Bldg Floor / B Lube Bsmt / Sump #3 / Oily Waste Header/ Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-St-002A	Coupling Grease Tote #1	Coupling Lube Ep-1	500	Tote	Welded Steel	Bldg Floor	Low	
	E-Hr-Hsm-St-002B	Coupling Grease Tote #2	Coupling Lube Ep-1	500	Tote	Welded Steel	Bldg Floor	Low	
	E-Hr-Hsm-St-002C	Coupling Grease Tote #3	Coupling Lube Ep-1	500	Tote	Welded Steel	Bldg Floor	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column C31	E-Hr-Hsm-St-003	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
Column C40	E-Hr-Hsm-St-004	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
Column C45	E-Hr-Hsm-St-005	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
Column A71	E-Hr-Hsm-St-006	#1 Grinder Hydraulic Fill Tote	Mobil DTE 24	450	Tote	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column C45	E-Hr-Hsm-St-006a	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
Column A71	E-Hr-Hsm-St-007	#1 Grinder Way Oil Tote	Mobil Vactra Oil No. 2	450	Tote	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column C44	E-Hr-Hsm-St-007a	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
	E-Hr-Hsm-St-008	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
	E-Hr-Hsm-St-009	Bulk Grease Tank	Bulk Grease	600	Tote	Welded Steel	Bldg Floor	Low	
	E-Hr-Hsm-St-010	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
	E-Hr-Hsm-St-011	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
Column A75	E-Hr-Hsm-St-012	#3 Grinder Hydraulic Tote	Mobil Hydraulic Oil Aw 68	500	Tote	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Bend/Shift Room	E-Hr-Hsm-St-012A	Hagc Tank	Hydraulic Oil	1800	AST	Welded Steel	Bend/Shift Room Sump / 84" Hsm Flume / Recycling	Low	
Column C55	E-Hr-Hsm-St-013	Enco Filling Station (1, 2 ,3 , 4)	Quintolubric 807 Gw	345	Totes (4)	Welded Steel	Bldg Floor / 84" Hsm Flume / Recycle	Low	
Bend/Shift Room	E-Hr-Hsm-St-013A	Central Fill Tank	Hydraulic Oil	1200	AST	Welded Steel	Bend/Shift Room Sump / 84" Hsm Flume / Recycling	Low	
Bend/Shift Room	E-Hr-Hsm-St-014A	Bend/Shift Operating Tank	Hydraulic Oil	800	AST	Welded Steel	Bend/Shift Room Sump / 84" Hsm Flume / Recycling	Low	
Column C86	E-Hr-Hsm-St-015	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
	E-Hr-Hsm-St-016	Bulk Grease Tank	Bulk Grease	500	Tote	Welded Steel	Bldg Floor	Low	
	E-Hr-Hsm-St-017	Gear Lube Oil Tote	Lube Oil	500	Tote	Steel	Tray Drain To Bsmt / Fm East Sump / Oily Watse Sump / Ttp	Low	
Column E68	E-Hr-Hsm-St-017a	Motor Oil Tank East	Lube Oil / Mobil Ravus(Sp) 427	360	Oval Tank	Welded Steel	Cement Block Curbing / Vac Truck / Gravity Oil Separator	Low	
Column D95	E-Hr-Hsm-St-	Coiler Gearbox Oil	Mobil 634	1345	AST	Welded Steel	Bldg Floor / Bsmt / Coiler	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	018	Recirculating System Tank	Gear Oil				Sump / Fm Scale Pit Flume / Recycling		
Column E68	E-Hr-Hsm-St-018a	Motor Oil Tank West	Lube Oil / Mobil Ravus(Sp) 427	360	Oval Tank	Welded Steel	Cement Block Curbing / Vac Truck / Gravity Oil Separator	Low	
Column D92	E-Hr-Hsm-St-019	807 Quintolubric Oil Storage Tank #1	Quintolubric 807 Gw	6300	AST	Welded Steel	Bldg Floor / Rot Trench / Rot Pit (No Oil Removal)	Low	
	E-Hr-Hsm-St-019a	Grease Tote	Bulk Grease	500	Tote	Steel	Bldg Floor	Low	
Column D92	E-Hr-Hsm-St-020	807 Quintolubric Oil Storage Tank #2	Quintolubric 807 Gw	1200	AST	Welded Steel	Bldg Floor / Rot Trench / Rot Pit (No Oil Removal)	Low	
	E-Hr-Hsm-St-020A	East Main Grease Tank	Bulk Grease	4500	AST	Steel	Bldg Floor	Low	
Column D92	E-Hr-Hsm-St-021	807 Quintolubric Oil Storage Tank #3	807 Quintolubric (Soluable Oil)	1200	AST	Welded Steel	Bldg Floor / Rot Trench / Rot Pit (No Oil Removal)	Low	
	E-Hr-Hsm-St-021A	Mineral Oil Tank	Hydraulic Oil	8000	AST	Steel	Concrete Pit	Low	
	E-Hr-Hsm-St-022	Rolling Oil Tank	Rolling Oil	14000	AST	Steel	Concrete Pit	Low	
Column D90	E-Hr-Hsm-St-023	Coiler Polishing / Storage Mineral Oil Tank	Mobile DTE 25	2300	AST	Welded Steel	Concrete Curbing (Insufficient Capacity) / Bldg Floor / Rot Trench / Rot Pit (No Oil Removal)	Low	
F Morg Oil Bsmt	E-Hr-Hsm-St-027	Lube Oil Tank	Lube Oil	300	Oval Tank	Steel	Bsmt Sump #14 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Column D46	E-Hr-Hsm-St-031	L&J Hydraulic Storage Tank (2 Chambers)	Quintolubric 807 Gw	6350	AST	Welded Steel	Bldg Floor / Rm Flume / Rm Scale Pit -Or- D Morg Oil Bsmt Sump #4 Or #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Descaling Pump Room	E-Hr-Hsm-St-036	Bearing Oil Tank (West)	Lube Oil	360	Oval Tank	Welded Steel	Descaling Pump Room Subfloor / Bsmt Sump #9 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Descaling Pump Room	E-Hr-Hsm-St-037	Bearing Oil Tank (East)	Lube Oil	360	Oval Tank	Welded Steel	Descaling Pump Room Subfloor / Bsmt Sump #9 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-St-043A	Safety-Kleen Mineral Spirits Storage Tank (North)	Mineral spirits	380	Oval Tank	Welded Steel	Bsmt Sump #4 Or #5 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
D Morg Oil Bsmt	E-Hr-Hsm-St-043B	Safety-Kleen Mineral Spirits Storage Tank	Mineral spirits	380	Oval Tank	Welded Steel	Bsmt Sump #4 Or #5 / Oily Waste Header / Oily Waste	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
		(South)					Sump / Ttp		
Above Env-Hr-Pt-047	E-Hr-Hsm-St-048	#2, 3, 4, 5 Turnaround Hydraulic Reservoir Fill Tote	Hydraulic Oil	420	Tote	Plastic	Bldg Floor / Bsmt Sump /Ttp	Low	
A Lube Bsmt	E-Hr-Hsm-St-052	Safety-Kleen Mineral Spirits Storage Tank	Mineral spirits	380	AST	Welded Steel	Bsmt Sump #2 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
	E-Hr-Hsm-St-056	Main Grease Tank	Bulk Grease	3000	AST	Welded Steel	Bldg Floor	Low	
Column F17	E-Hr-Hsm-St-110	#2 Furnace Bulk Grease Tank	Bulk Grease	470	AST	Welded Steel	Catchment / Loose Gravel	Low	
Column F22	E-Hr-Hsm-St-111	#3 Furnace Bulk Grease Tank	Bulk Grease	470	AST	Welded Steel	Catchment / Loose Gravel	Low	
Column F26	E-Hr-Hsm-St-112	#4 Furnace Bulk Grease Tank (West)	Bulk Grease	735	AST	Welded Steel	Catchment / Loose Gravel	Low	
Column F26	E-Hr-Hsm-St-122	#4 Furnace Bulk Grease Tank (East)	Bulk Grease	615	Tote	Welded Steel	Bldg Floor	Low	
Bsmt, Bowser Tank Room	E-Hr-Hsm-St-128	Roughing Mill Bowser Oil Tank (East)	Bowser Oil	1450	AST	Welded Steel	Bsmt Floor / Trench / Electric Bsmt Sump #10 / Hydraulic Bsmt Sump / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Bsmt, Bowser Tank Room	E-Hr-Hsm-St-129	Roughing Mill Bowser Oil Tank (West)	Bowser Oil	1450	AST	Welded Steel	Bsmt Floor / Trench / Electric Bsmt Sump #10 / Hydraulic Bsmt Sump / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Column A83	E-Hr-Hsm-St-200	#7 Grinder Hydraulic Fill Tote	Mobil DTE 24	450	Tote	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column A77	E-Hr-Hsm-St-201	#4, #5, #6 Grinders Hydraulic Fill Tote	Mobil Vactra Oil No. 2	450	Tote	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
L System Bsmt	E-Hr-Hsm-St-220	Safety-Kleen Storage Tank	Safety Kleen Solvent	360	Oval Tank	Welded Steel	Bsmt Sump #9 / Oily Waste Header / Oily Waste Sump / Ttp	Low	
Column B62	E-Hr-Hsm-St-Gt1	Roll Shop Grease Tote #1	Uniwrl 2000 Nlgi No. 2 Semisyn Ep Grease	500	Tote	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column B62	E-Hr-Hsm-St-Gt2	Roll Shop Grease Tote #2	Mobil Hts	360	Tote	Welded Steel	Bldg Floor / Bsmt / Oily Waste Sump / Ttp	Low	
Column D34	E-Hr-Hsm-St-Gt3	R1 And R2 Bulk Grease Tote	Bulk Grease	600	Tote	Welded Steel	Bldg Floor	Low	
West End Of Finishing Mill	E-Hr-Hsm-St-Gt4	Finishing Mill Grease Tote	Coupling Lube Ep-1	500	Totes	Welded Steel	Catch Pan / Bldg Floor	Low	
	E-Hr-Hsm-Xf-001	Hot Well FRequency Drive Transformer	Silicone		Transformer	Welded Steel	Curbing - Planned Spring 2003	Low	

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(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
80" Motor Room Bsmt	E-Hr-Hsm-Xf-003	80" Motor Room Bsmt Central Lighting Xfmr 416	Mineral Oil		Transformer	Welded Steel	Concrete Curbing	Low	
80" Motor Room Bsmt	E-Hr-Hsm-Xf-004	80" Motor Room Bsmt Central Lighting Xfmr 416	Mineral Oil		Transformer	Welded Steel	Concrete Curbing	Low	
80" Motor Room Bsmt	E-Hr-Hsm-Xf-005	80" Motor Room Bsmt Central Lighting Xfmr 416	Mineral Oil		Transformer	Welded Steel	Concrete Curbing	Low	
80" Motor Room Operating Floor	E-Hr-Hsm-Xf-006	80" Motor Room Transformer (West)	Silicone		Transformer	Welded Steel	Curbing / Blind Trench (- Or - Bldg Floor / Bldg Sump / Ttp)	Low	
80" Motor Room Operating Floor	E-Hr-Hsm-Xf-007	80" Motor Room Transformer (East)	Mineral Oil		Transformer	Welded Steel	Curbing / Blind Trench (- Or - Bldg Floor / Bldg Sump / Ttp)	Low	
80" Motor Room Bsmt	E-Hr-Hsm-Xf-008	80" Motor Room Bsmt East Lighting Xfmr 900	PCB		Transformer	Welded Steel	Bsmt Floor / Bsmt Sumps / Ttp	Low	
80" Motor Room Bsmt	E-Hr-Hsm-Xf-009	80" Motor Room Bsmt East Lighting Xfmr 901	PCB		Transformer	Welded Steel	Bsmt Floor / Bsmt Sumps / Ttp	Low	
80" Motor Room Bsmt	E-Hr-Hsm-Xf-010	80" Motor Room Bsmt East Lighting Xfmr 902	PCB		Transformer	Welded Steel	Bsmt Floor / Bsmt Sumps / Ttp	Low	
80" Motor Room Bsmt	E-Hr-Hsm-Xf-011	80" Motor Room Bsmt East Lighting Xfmr 903	PCB		Transformer	Welded Steel	Bsmt Floor / Bsmt Sumps / Ttp	Low	
80" Motor Room Bsmt	E-Hr-Hsm-Xf-012	80" Motor Room Bsmt East Lighting Xfmr 904	PCB		Transformer	Welded Steel	Bsmt Floor / Bsmt Sumps / Ttp	Low	
80" Motor Room Bsmt - West End	E-Hr-Hsm-Xf-013	80" Bsmt West Lighting Xfmr 888	Mineral Oil	31	Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt - West End	E-Hr-Hsm-Xf-014	80" Bsmt West Lighting Xfmr 889	Mineral Oil	31	Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt - West End	E-Hr-Hsm-Xf-015	80" Bsmt West Lighting Xfmr 890	Mineral Oil	31	Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-016	80" Bsmt West Lighting Xfmr Xxx	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-017	80" Bsmt Middle Lighting Xfmr 892	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-018	80" Bsmt Middle Lighting Xfmr 893	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-019	80" Bsmt Middle Lighting Xfmr 894	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-020	80" Bsmt Middle Lighting Xfmr 895	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-021	80" Bsmt Middle Lighting Xfmr 896	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-022	80" Bsmt Middle Lighting Xfmr 897	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-023	80" Bsmt Middle Lighting Xfmr 898	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
80" Motor Room Bsmt / Middle Section	E-Hr-Hsm-Xf-024	80" Bsmt Middle Lighting Xfmr 899	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Bldg Sump / Ttp	Low	
T-Pit / Column H99	E-Hr-Hsm-Xf-039	T-Pit Lighting Transformer 915	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
T-Pit / Column H99	E-Hr-Hsm-Xf-040	T-Pit Lighting Transformer 916	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
T-Pit / Column H99	E-Hr-Hsm-Xf-041	T-Pit Lighting Transformer 917	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
T-Pit / Column H99	E-Hr-Hsm-Xf-042	T-Pit Lighting Transformer 918	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
T-Pit / Column H99	E-Hr-Hsm-Xf-043	T-Pit Lighting Transformer 919	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
T-Pit / Column H99	E-Hr-Hsm-Xf-044	T-Pit Lighting Transformer 920	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
T-Pit / Column H99	E-Hr-Hsm-Xf-045	T-Pit Lighting Transformer 921	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
	E-Hr-Mtc-Ls-011	East End Ttp Loading Station	Oily Waste Water (Approx. 15%)	6300			Concrete Pad / Catch Basin / Bldg Floor & Soils	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Hr-Mtc-Ls-012	84" Recycle Used Oil Loading Station	Waste Oil	6300			Sump	Low	
	E-Hr-Mtc-Ls-013	Gravity Oil Separator Loading Station	Waste Oil	6300			Down Gradient Shoring / Sloped	Low	
St-17 Final Oil Separation (Outfall 034)	E-Hr-Mtc-Ls-017	St-17 Used Oil Loading Station					Oil Separaton Ponds	Low	
	E-Hr-Mtc-Sa-025	West Environmental Drum Storage Area	See DSA Inventory Table		Drums / Totes	N/A	Sump / 84" Recycle System	Low	
Column W86	E-Hr-Mtc-Sa-026	Nsm Air Compressor Drum Storage Area	See DSA Inventory Table	260	Drums / Totes / Oval Tanks	N/A	Metal Box / Drums To Gravity Oil Separator	Low	
	E-Hr-Mtc-Sa-027	Egl Boilerhouse Drum Storage	See DSA Inventory Table		Drums	N/A	Enpac Drum Pallet	Low	
Column J15	E-Hr-Mtc-Sa-028	Centac Air Compressor Drum Storage Area	See DSA Inventory Table		Drums	N/A	Enpac Poly-Dolly / Enpac 8 Drum Pallet	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column K76	E-Hr-Mtc-Sa-029	#10 DCR Air Compressor Drum Storage Area	See DSA Inventory Table	260	Drums / Oval Tanks	N/A	Steel Dike / Drum Pallets	Low	
	E-Hr-Mtc-Sa-030	#11 Tm Air Compressor Drum Storage Area	See DSA Inventory Table	260	Drums / Oval Tanks	N/A	Steel Dike / Drum Pallets	Low	
Column B72	E-Hr-Mtc-Sa-031	#7&8 Tm Air Compressor Drum Storage Area	See DSA Inventory Table		Drums	N/A	Enpac Drum Pallets (4) & Drum Container (1)	Low	
	E-Hr-Mtc-Sa-032	#9 Tm Air Compressor Drum Storage Area	See DSA Inventory Table	260	Drums / Oval Tanks	N/A	Steel Dike / Drum Pallets	Low	
	E-Hr-Mtc-Sa-033	#6 Sm Air Compressor Drum Storage Area	See DSA Inventory Table	260	Drums / Oval Tanks	N/A	Steel Dike / Drum Pallets	Low	
	E-Hr-Mtc-Sa-034	#7 Sm Air Compressor Drum Storage Area	See DSA Inventory Table	260	Drums / Oval Tanks	N/A	Steel Dike / Drum Pallets	Low	
	E-Hr-Mtc-Sa-043	#14 Air Compressor Drum Storage Area	See DSA Inventory Table		Drums / Oval Tanks	N/A	Enpac Drum Spill Pallet (1) / Steel Dike (1)	Low	
	E-Hr-Mtc-Sa-101	Ttp Drum Storage Area 1	See DSA Inventory Table		Drums	N/A	9 Containment Areas	Low	
	E-Hr-Mtc-Sa-Ttp	Ttp Drum Storage Area 2	Various Drums		Drums		Enpac Workstation (8 Drum Pallet)	Low	
West Env Atm Gas Plant / East Side	E-Hr-Mtc-Ss-042	Substation No. 42	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Ttp	E-Hr-Mtc-Ss-088	Substation No. 88	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Located Approximately 200 Yards West Of Atmospheric Gas Plant	E-Hr-Mtc-St-009	Fuel Oil Recovery Tank	Fuel Oil / Water	1000	AST	Welded Steel	Steel Pan	Low	
Ne Corner Of Ttp	E-Hr-Mtc-St-010	Used Oil Tank	Used Oil	46000	AST	Welded Steel	Curbing / Drain / Ttp	Low	
	E-Hr-Mtc-St-024	Oil FRac Tank (Small)		1700	AST	Welded Steel	Concrete Walls	Low	
	E-Hr-Mtc-St-026	Oil FRac Tank (Large)		30000	AST	Welded Steel	Concrete Walls	Low	
East End Finishing Mill Scale Pit	E-Hr-Mtc-St-063	84" Recycle Used Oil Storage Tank	Waste Oil		AST	Welded Steel	Partial Wall Containment W/ Drain To Sump	Low	
	E-Hr-Mtc-St-064	Used Oil Tank At Gravity Oil Separator	Waste Oil	16900	AST	Welded Steel	Concrete Curbing / Gravity Oil Separator	Low	
St-17 Final Oil	E-Hr-Mtc-St-	St-17 Used Oil Storage	Empty		AST	Welded Steel	Oil Separaton Ponds	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Separation (Outfall 034)	146	Tank							
Roughing Mill Scale Pit Bldg	E-Hr-Mtc-St-147	Roughing Mill Scale Pit Oil Storage Sump	Waste Oil	Unknown	Sump	Concrete	Integrity Unverifiable	Medium	N1: Loading/unloading procedure
Finishing Mill Scale Pit Bldg	E-Hr-Mtc-St-148	Finishing Mill Scale Pit Oil Storage Sump	Waste Oil	Unknown	Sump	Concrete	Integrity Unverifiable	Medium	N1: Loading/unloading procedure
West Environmental St-17	E-Hr-Mtc-Xf-002	St-17 Transformer	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Ttp / Storage Bldg / Outside Sw Corner	E-Hr-Mtc-Xf-046	Ttp Storage Bldg Xfmr	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Iron									
	E-Ip-14BF-Ls-020	Bulk Water Glycol Fill Station At #14 BF	Water And Glycol	5,000	Unloading Station		Pavement	Low	
	E-Ip-14BF-Ls-025/026	Bulk Grease Fill Line At #14 BF	Bulk Grease	5,000	Unloading Station		Pavement	Low	
East Side Of #14 BF	E-Ip-14BF-Ls-032	#14 BF Slop Tank Pickup (East)	Waste Oil & Water	5,000	Unloading Station		Pavement	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Diesel AST South Of #14 BF	E-Ip-14BF-Ls-034	#14 BF Diesel Tank Loading Station	#2 Diesel Fuel	5,000	Loading Station		Pavement	Low	
East Side Of #14 BF	E-Ip-14BF-Ls-104	Ecosafe FR-46 Hydraulic Oil At #14 BF	Ecosafe FR-46 Hyd Oil	5,000	Unloading Station		Pavement	Low	
	E-Ip-14BF-Pl-100A/B/C	#14 BF Water Glycol, Hydraulic Oil, & Grease Pipelines	Water Glycol / Hyd Oil / Grease	1,500		Welded Steel	No Containment	Medium / Wind Blown	N1: Loading/unloading procedure
On Top Of Level 6 Of East Side Of #14 BF	E-Ip-14BF-Pt-016	#14 BF Primary Hydraulic Reservoir	Water And Glycol	830	Hydraulic System	Welded Steel	Trenching To Collection AST	Low	
On Top Of Level 6 Of East Side Of #14 BF	E-Ip-14BF-Pt-017	#14 BF Secondary Hydraulic Reservoir	Water And Glycol	540	Hydraulic System	Welded Steel	Trenching To Collection AST	Low	
	E-Ip-14BF-Pt-019	#14 BF West Annex Hydraulic Tank	Eco Safe FR-46 Hydraulic Oil	450	Hydraulic System	Welded Steel	No Containment	Low	
East Side Level 3	E-Ip-14BF-Pt-020	#14 BF 6,000 Gal Water Glycol Tank	Water And Glycol	6,000	Holding Tank	Welded Steel	Floor Drain To Collection Tank	Low	
East Side Level 3	E-Ip-14BF-Pt-021	Mud Gun Reservoir Tank	Eco Safe FR-46 Hydraulic Oil	500	Oil Reservoir	Welded Steel	Floor Drain To Collection Tank	Low	
	E-Ip-14BF-Pt-023	#14 BF DAvey Cone Hydraulic Reservoir Tank	Mineral Oil	225	Hydraulic System	Welded Steel	Concrete Walls	Low	
Level 3	E-Ip-14BF-Pt-024	#14 BF Drill Machine #1 Lube Oil	Lube Oil	225	Lubrication System	Welded Steel	Concrete Walls	Low	
	E-Ip-14BF-Pt-	#14 BF East Annex	Eco Safe FR-	500	Hydraulic	Welded Steel	Floor	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	029	Hydraulic Tank	46 Hydraulic Oil		System				
Center	E-Ip-14BF-Pt-033	#14 BF Stockhouse Hydraulic Tank	Eco Safe FR-46 Hydraulic Oil	200	Hydraulic System	Welded Steel	Skip Pit Drain To BFR	Low	
	E-Ip-14BF-Pt-103	#14 BF Stove Hydraulic System Hydraulic Tank	Water And Glycol	1,125	Hydraulic System	Welded Steel	Floor Drain To BFR	Low	
	E-Ip-14BF-Pt-107	#14 BF Mud Gun Hydraulic Reservoir	Eco Safe FR-46 Hydraulic Oil	600	Hydraulic System	Welded Steel	Concrete Walls	Low	
	E-Ip-14BF-Pt-108	Northeast #14 BF Skip Hoist Gear Reducer	Gear Oil	145	Gear Box	Welded Steel	Bldg	Low	
	E-Ip-14BF-Pt-109	Northwest #14 BF Skip Hoist Gear Reducer	Gear Oil	145	Gear Box	Welded Steel	Bldg	Low	
	E-Ip-14BF-Pt-110	Southeast #14 BF Skip Hoist Gear Reducer	Gear Oil	145	Gear Box	Welded Steel	Bldg	Low	
	E-Ip-14BF-Pt-111	Southwest #14 BF Skip Hoist Gear Reducer	Gear Oil	145	Gear Box	Welded Steel	Bldg	Low	
	E-Ip-14BF-Pt-117	#14 BF Skip Hoist Boom Gear	Gear Oil	<1,400	Gear Box	Welded Steel	Floor / Metal Housing	Low	
	E-Ip-14BF-Pt-118	#14 BF Skip Hoist Boom Gear	Gear Oil	<1,400	Gear Box	Welded Steel	Floor / Metal Housing	Low	
West Side #14 BF Stove Platform	E-Ip-14BF-Sa-018	#14 BF Snort Valve Grease Drums	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
Lube Tote & Drum Storage / #14 BF East Side	E-Ip-14BF-Sa-030	#14 BF Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls	Low	
Near Pm10 Baghouse	E-Ip-14BF-Ss-115	Substation No. 115	2 R-Temp / 2 Silicone		Transformer	Welded Steel	Concrete Curbing	Low	
Iron Producing #14 Blast Furnace / South End	E-Ip-14BF-Ss-14BF	#14 Blast Furnace Substation	Silicone		Transformer	Welded Steel	1) Ground; 2) Into Bldg / Tuyere Pump Room Floor / Trenches / BFR ???	Low	
East Side Level 2	E-Ip-14BF-St-022	#14 BF 6,000 Gal FR-46 Hydraulic Tank	Eco Safe FR-46 Hydraulic Oil	6,000	AST	Welded Steel	Floor Drain To Collection Tank	Low	
	E-Ip-14BF-St-025	#14 BF East Bulk Grease Tank	Grease	750	AST	Welded Steel	Floor / Bldg	Negligible (Terrain Retains)	
	E-Ip-14BF-St-026	#14 BF West Bulk Grease Tank	Grease	750	AST	Welded Steel	Floor / Bldg	Negligible (Terrain Retains)	
	E-Ip-14BF-St-027	#14 BF #3 Drill Machine Lube Oil Tank	Lube Oil	250	AST	Welded Steel	Floor	Low	
	E-Ip-14BF-St-028	#14 BF #2 Drill Machine Lube Oil Tank	Lube Oil	250	AST	Welded Steel	No Containment	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Lube Tote & Drum Storage / #14 BF East Side	E-Ip-14BF-St-031	#14 BF Bulk Lube Oil Storage	Lube Oil	430	AST	Welded Steel	Cement Block Walls	Low	
East Side Of #14 BF, Underneath #1 Tilter Runner	E-Ip-14BF-St-032	#14 BF Slop Tank	Waste Oil & Water	5,000	AST	Welded Steel	Concrete Walls	Low	
Diesel AST South Of #14 BF	E-Ip-14BF-St-034	#14 BF Diesel Tank	#2 Diesel Fuel	1,450	AST	Welded Steel	Steel Box	Low	
West Side Of #14 BF Below Mud Gun Room	E-Ip-14BF-St-101	#14 BF Mud Gun Pump Room Slop Tank	Waste Oil	1,000	AST	Poly / Plastic	No Containment	Low	
	E-Ip-14BF-St-102	#14 BF DAvey Cone Fluid Storage Tank	Mineral Oil	100	AST	Welded Steel	Concrete Walls	Low	
Northwest Side Of Pig Machine Bldg	E-Ip-Mtc-Ls-036	Gas Tank At Pig Machine Bldg Loading Station	Gasoline	5,000	Unloading Station		No Containment	Low	
Northwest Side Of Pig Machine Bldg	E-Ip-Mtc-Ls-037	Diesel Tank At Pig Machine Bldg Loading Station	Diesel Fuel	5,000	Unloading Station		No Containment	Low	
Northeast Corner Of Pig Machine Bldg	E-Ip-Mtc-Ls-038/039	Pig Machine Grease Loading Station	Grease	5,000	Unloading Station		Pavement	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Used Oil Pump House South Of 4 Million Gallon Tank (Ip092)	E-Ip-Mtc-Pt-114	Bulk Oil Strainer	Used Oil	250		Riveted Steel	Concrete Walls	Medium	N1: Loading/unloading procedure
Used Oil Pump House South Of 4 Million Gallon Tank	E-Ip-Mtc-Pt-115	Bulk Oil Pump Heat Exchanger	Used Oil	70	Heat Exchanger	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure
East Of Ip-145, South Of 4 Million Gallon Tank	E-Ip-Mtc-Pt-116	Bulk Oil Parts Washer	Empty	550	Parts Washer	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure
North Ore Yard Bridge	E-Ip-Mtc-Sa-145	#8 Ore Bridge Gear Boxes And Drums	See DSA Inventory	55/300/50	Gear Boxes & Drums	Welded Steel	Ore Yard	Low	
BFR Pump Room (North)	E-Ip-Mtc-Sa-188	Blast Furnace Recycle Pump Room Grease Station	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Skid	Low	
BFR Filter Bldg	E-Ip-Mtc-Sa-189	BFR Filter Bldg Lube Oil Station	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
BFR Drum Storage Shed	E-Ip-Mtc-Sa-190	BFR Drum Storage Shed	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Skid	Low	
South Of Road At Slip	E-Ip-Mtc-Ss-Bd1	Blast Furnace West Substation	Silicone		Transformer	Welded Steel	No Containment	Low	
South Of Road At Slip	E-Ip-Mtc-Ss-Bd2	Blast Furnace East Substation	Silicone		Transformer	Welded Steel	No Containment	Low	
Sw Of Slip	E-Ip-Mtc-Ss-	Blast Furnace (Wqc)			Transformer	Welded Steel	Concrete Curbing With	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	Wqc	Substation					Concrete Bottom & Slag Fill		
Nw Corner Of Pig Machine Bldg	E-Ip-Mtc-St-036	Iron Producing Gasoline Tank	Gasoline	250	AST	Welded Steel	Metal Box	Low	
Nw Corner Of Pig Maching Bldg	E-Ip-Mtc-St-037	Iron Producing Diesel Tank	Diesel Fuel	250	AST	Welded Steel	Metal Box	Low	
Nw Corner Of Pig Machine Bldg In Grease Room	E-Ip-Mtc-St-038	Pig Machine Shop Bulk Grease Tank South	Grease	1,750	AST	Welded Steel	Bldg / Floor	Negligible (Terrain Retains)	
Nw Corner Of Pig Machine Bldg In Grease Room	E-Ip-Mtc-St-039	Pig Machine Shop Bulk Grease Tank North	Grease	375	AST	Welded Steel	Floor	Negligible (Terrain Retains)	
	E-Ip-Mtc-Xf-001	Ims North Facility Xfmr			Transformer	Welded Steel	No Containment	Low	
	E-Ip-Mtc-Xf-002	Ims South Facility Xfmr			Transformer	Welded Steel	No Containment	Low	
West Of Slip / North End	E-Ip-Mtc-Xf-003	North Dock Rectifier & Ocb	PCB		Transformer	Welded Steel	Concrete Curbing	Low	
West Of Slip / South End	E-Ip-Mtc-Xf-004	South Dock Rectifier & Ocb	Mineral Oil		Transformer	Welded Steel	Concrete Curbing	Low	
#4, 6, & 8 Bulk Hyd Tank & Distribution Sys	E-Ip-Sbf-Ls-001	#8,6,4 BF Bulk Hydraulic Tank Loading Station	Ecosafe FR-46 Hyd Oil	5,000	Unloading Station		Pavement / Gw-5 / BFR	Low	
Bulk Grease Tank & Distribution Sys	E-Ip-Sbf-Ls-003	#4 BF Bulk Grease Tank	Grease	2,000	Unloading Station		Pavement	Low	
Bulk Grease Tank & Distribution Sys	E-Ip-Sbf-Ls-009	#6 BF Bulk Grease Tank	Grease	2,000	Unloading Station		Pavement	Low	
Bulk Grease Loading Station	E-Ip-Sbf-Ls-012/013	#8 BF Bulk Grease Tanks	Grease	2,000	Unloading Station		Pavement	Low	
North Of Former Env Control Office	E-Ip-Sbf-Ls-041	Iron Producing Tar Unloading Station	Tar	5,000	Unloading Station		Curbing	Low	
West Of 4 Million Gallon Tank	E-Ip-Sbf-Ls-092	Iron Producing Used Oil Unloading Station	Used Oil & Water	7,000	Unloading Station		Concrete Walls / Trenching	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Due South Of 4 Million (Ip092) Gallon Tank West Of BFs	E-Ip-Sbf-Pl-112	Tar Distribution System	Tar	4,000		Bolted Steel	No Containment	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
North & South Of Ten Tank Ip040 West Of BFs	E-Ip-Sbf-Pl-113	Waste Oil Distribution System	Used Oil	4,000		Bolted Steel	No Containment		
West Of Hi-Line	E-Ip-Sbf-Pl-140	#8 BF Ecosafe FR-46 Hydraulic Oil Line	Eco Safe FR-46 Hydraulic Oil	1,500		Welded Steel	No Containment	Low	
West Of Hi-Line	E-Ip-Sbf-Pl-141	#6 BF Ecosafe FR-46 Hydraulic Oil Line	Eco Safe FR-46 Hydraulic	1,500		Welded Steel	No Containment	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
			Oil						
West To Hi-Line	E-Ip-Sbf-Pl-142	#4 BF Ecosafe FR-46 Hydraulic Oil Line	Eco Safe FR-46 Hydraulic Oil	1,500		Welded Steel	No Containment	Low	
Hydraulic Room	E-Ip-Sbf-Pt-006	#4 BF Hydraulic Room Tank	Eco Safe FR-46 Hydraulic Oil	430	Hydraulic System	Steel	Concrete Walls	Low	
Pump House	E-Ip-Sbf-Pt-007	#6 BF Pump House Hydraulic Tank	Eco Safe FR-46 Hydraulic Oil	600	Hydraulic System	Welded Steel	Concrete Walls	Low	
Second Floor, Central Hydraulic Room	E-Ip-Sbf-Pt-014	#8 BF Central Hydraulic System	Eco Safe FR-46 Hydraulic Oil	430	Hydraulic System	Welded Steel	Concrete Walls	Low	
Hoist House	E-Ip-Sbf-Pt-015	#8 BF Hoist House Hydraulic Tank	Eco Safe FR-46 Hydraulic Oil	200	Hydraulic System	Welded Steel	Floor / Room	Low	
North Of Former Env Control Office	E-Ip-Sbf-Pt-042	Iron Producing Tar Pit	Tar And Water	10,000	Holding Tank	Concrete	No Containment	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
Hoist House Gear Room	E-Ip-Sbf-Pt-120	#8 BF Hoist House Gear Reducer	Gear Oil	<350	Gear Box	Welded Steel	Shop Floor	Low	
Hoist House Gear Room	E-Ip-Sbf-Pt-121	#8 BF Hoist House Gear Reducer	Gear Oil	<350	Gear Box	Welded Steel	Shop Floor	Low	
Hoist House Gear Room	E-Ip-Sbf-Pt-122	#8 BF Skip Hoist Full Gear Box	Gear Oil	<875	Gear Box	Welded Steel	Shop Floor	Low	
Hoist House Gear Room	E-Ip-Sbf-Pt-123	#6 BF Hoist House Gear Reducer	Gear Oil	<350	Gear Box	Welded Steel	Concrete Curbing	Low	
Hoist House Gear Room	E-Ip-Sbf-Pt-124	#6 BF Hoist House Gear Reducer	Gear Oil	<350	Gear Box	Welded Steel	Concrete Curbing	Low	
	E-Ip-Sbf-Pt-125	#6 BF Skip Hoist Full Gear Box	Gear Oil	<875	Gear Box	Welded Steel	Concrete Curbing	Low	
Hoist House	E-Ip-Sbf-Pt-129	#4 BF Hoist House Gear Reducer	Gear Oil	<350	Gear Box	Welded Steel	Concrete Curbing	Low	
Hoist House	E-Ip-Sbf-Pt-130	#4 BF Hoist House Gear Reducer	Gear Oil	<350	Gear Box	Welded Steel	Concrete Curbing	Low	
Hoist House	E-Ip-Sbf-Pt-131	#8 BF Hoist House Skip Full Gear	Gear Oil	<875	Gear Box	Welded Steel	Concrete Curbing	Low	
Sand Shed At South End Of Iron Producing West Of Hi-Line	E-Ip-Sbf-Sa-094	Sand Shed Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls	Low	
Sand Shed At South End Of Iron Producing West Of Hi-Line	E-Ip-Sbf-Sa-095	Sand Shed Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls	Low	
Hoist House	E-Ip-Sbf-Sa-	#6 BF Hoist House Bell	See DSA	55	Totes / Drums	Welded Steel	Drum Tab	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	126	Cylinders Lube Oil Drums	Inventory						
Hoist House	E-Ip-Sbf-Sa-127	#6 BF Hoist House Lube Oil Temporary Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
Pump House	E-Ip-Sbf-Sa-128	#6 BF Pump House Oil Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Pad	Low	
East Of Lubrication House Under West Side Of Hi-Line	E-Ip-Sbf-Sa-132	#4 Lube House Grease Drum	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
Oil Room	E-Ip-Sbf-Sa-135	#4 BF Oil Room Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
Oil Shanty	E-Ip-Sbf-Sa-136	#6 BF Grease Shanty Grease Drum	See DSA Inventory	55	Totes / Drums	Welded Steel	Cement Block Walls	Low	
Oil Shanty Drum Storage	E-Ip-Sbf-Sa-138	#8 BF Oil Shanty Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
Above High Line	E-Ip-Sbf-Ss-4BF	No. 4 Blast Furnace Substation	Silicone		Transformer	Welded Steel	Roofs / Ground / Steam Pipe Trench / Clean Water Sewer	Low	
Note: 1169/1170 - North 41 36.905 West 87 19.632; / 1072 - North 41 36.971 West 87 19.656	E-Ip-Sbf-Ss-6bf	No. 6 Blast Furnace Substation			Transformer	Welded Steel	1) 1169/1170 - Contained; 2) 1072 - Floor / #6 Hydraulic Room Sump / BFR	Low	
	E-Ip-Sbf-Ss-8bf	No. 8 Blast Furnace Substation			Transformer	Welded Steel	Roofs / Ground / Steam Pipe Trench / Clean Water Sewer	Low	
High Line / South Of BF Division Office	E-Ip-Sbf-Ss-Sbf	South Blast Furnace Substation	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Southeast Side / Under West Side Of Hi-Line	E-Ip-Sbf-St-001	#4 BF Hydraulic Bulk Storage	Eco Safe FR-46 Hydraulic Oil	4,000	AST	Welded Steel	Cement Block Walls	Low	
East Of Bulk Grease Room / West Side Of Hi-Line	E-Ip-Sbf-St-003	#4 BF Bulk Grease Tank	Plexane Grease	500	AST	Welded Steel	Floor / Bldg	Low	
East Of West Side Of Hi-Line Se End Of Bldg.	E-Ip-Sbf-St-004	#4 BF Lubrication House	Mp 10 Lube Oil	400	AST	Welded Steel	No Containment	Low	
Oil Shanty	E-Ip-Sbf-St-009	#6 BF Bulk Grease Shanty Tank	Plexane Grease	400	AST	Welded Steel	Cement Block Walls / Flooring	Low	
Oil Shanty	E-Ip-Sbf-St-010	#6 BF Grease Shanty Grease Tank	Plexane Grease	400	AST	Welded Steel	Concrete Walls / Floor	Low	
Oil Shanty East Of BF Under Hi-Line	E-Ip-Sbf-St-013	#8 BF Oil Shanty Grease Tank	Plexane Grease	350	AST	Welded Steel	Concrete Walls / Floor	Low	
North Of Former	E-Ip-Sbf-St-041	Iron Producing Tar Tank	Tar	100,000	AST	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Env Control Office									procedure; N9: SPCC inspections
West Of 4 Million Gallon Tank	E-Ip-Sbf-St-090	Used Oil Runoff Sump South	Used Oil	800	Sump	Welded Steel	Double-Walled Tank	Medium	N1: Loading/unloading procedure
	E-Ip-Sbf-St-091	Used Oil Loading Station Runoff Sump North	Used Oil & Water	12,000	Sump	Concrete	No Containment	Medium	N1: Loading/unloading procedure
	E-Ip-Sbf-St-092	4 Million Gallon Tank	Used Oil	4,000,000	AST	Welded Steel	Earthern Dike	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
Ore Dock At Hole In The Wall (South)	E-Ip-Spd-Ls-075	Ore Dock Gasoline Station	Gasoline	5,000	Unloading Station		Pavement	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Dock Tower	E-Ip-Spd-Ls-081	Ore Docks Bulk Grease Loading Station	Grease	2,000	Unloading Station		Concrete Walls / Asphalt / Paved	Negligible (Terrain Retains)	
North Of Sinter Plant Garage	E-Ip-Spd-Ls-084	Sinter Plant Gasoline Station	Gasoline	5,000	Unloading Station		Pavement	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
North Of Sinter Plant Garage	E-Ip-Spd-Ls-085	Sinter Plant Diesel Station	Diesel Fuel	5,000	Unloading Station		Pavement	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Sinter Plant Garage	E-Ip-Spd-Ls-086	Sinter Plant Used Oil Station	Used Oil	5,000	Unloading Station		Pavement	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
West Side Of Burn Bldg At Cable Mounted In Wall	E-Ip-Spd-Ls-089	Sinter Plant Bulk Grease	Grease	2,000	Unloading Station		Pavement	Negligible (Terrain Retains)	
Ore Pellet Tunnel In Ore Yard	E-Ip-Spd-Pl-147	Tunnel Hydraulic System	Water Glycol	7,500		Welded Steel	Tunnel	Low	
Pellet Tunnel In Ore Yard	E-Ip-Spd-Pt-080	Tunnel Hydraulic System	Water And Glycol	225	Oil Reservoir	Welded Steel	Room / Tunnel	Low	
Ore Pellet Tunnel In Ore Yard	E-Ip-Spd-Pt-148	Ore Docks Conveyor R1 Gear Reducer (S)	Gear Oil	<300	Gear Box	Welded Steel	Tunnel	Low	
Ore Pellet Tunnel In Ore Yard	E-Ip-Spd-Pt-149	Ore Docks Conveyor R1 Gear Reducer (N)	Gear Oil	<300	Gear Box	Welded Steel	Tunnel	Low	
Ore Dock Side Receiving Bldg Conveyor R2	E-Ip-Spd-Pt-150	Ore Docks Conveyor R2 Gear Reducer	Gear Oil	<300	Gear Box	Welded Steel	Tunnel / Bldg	Negligible (Terrain Retains)	
Ore Dock Side Conveyor Tower Conveyor S15	E-Ip-Spd-Pt-151	Sinter Plant Conveyor S15 Gear Box	Gear Oil	<330	Gear Box	Welded Steel	Sinter Load Out Bins	Low	
Ore Dock Side Conveyor Tower Conveyor S16	E-Ip-Spd-Pt-152	Sinter Plant Conveyor S16 Gear Box	Gear Oil	<330	Gear Box	Welded Steel	Sinter Load Out Bins	Low	
West At Hole In The Wall	E-Ip-Spd-Pt-153	Ore Dock Conveyor R3 Gear Box	Gear Oil	<300	Gear Box	Welded Steel	Floor / Ore Yard	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Ore Dock R5 Conveyor N Head	E-Ip-Spd-Pt-155	Ore Dock Conveyor R5 Reducing Gear Box	Gear Oil	<135	Gear Box	Welded Steel	Floor / Ore Yard	Low	
Ore Dock R2 Conveyor N Head	E-Ip-Spd-Pt-156	Ore Dock Rm2 Conveyor Gear Box	Gear Oil	<1,250	Gear Box	Welded Steel	Floor / Ore Yard	Low	
North Head Rm 2A Conveyor	E-Ip-Spd-Pt-157	Ore Dock Conveyor Rm 2A Gear Box	Gear Oil	<160	Gear Box	Welded Steel	Floor / Ore Yard	Low	
Ore Dock N Head 01A, 01B, & 01C Conveyor Gear Boxes	E-Ip-Spd-Pt-158a/B/C	Ore Dock Conveyor 01 Gear Boxes A, B, & C	Gear Oil	<120	Gear Box	Welded Steel	Floor / Ore Yard	Low	
Ore Dock Rm 3 Conveyor N Head	E-Ip-Spd-Pt-161	Ore Dock Conveyor Rm 3 Gear Box	Gear Oil	<1,250	Gear Box	Welded Steel	Floor / Ore Yard	Low	
Ore Dock Rm 2B Conveyor N Head	E-Ip-Spd-Pt-163	Ore Dock Conveyor Rm 2B Gear Box	Gear Oil	<190	Gear Box	Welded Steel	Floor / Ore Yard	Low	
Various Along Pellet Bins On Hi-Line	E-Ip-Spd-Pt-164	Ore Dock Pellet Conveyor Rm 4 Reducer Gear Box	Gear Oil	<190	Gear Box	Welded Steel	Floor / Ore Yard	Low	
Ore Dock 01 Conveyor	E-Ip-Spd-Pt-166	Ore Dock Conveyor 01 Reducer Gear Box	Gear Oil	<375	Gear Box	Welded Steel	Floor / Ore Yard	Low	
Sinter Plant Feed Tables Burn Bldg	E-Ip-Spd-Pt-170A To Cc	Sinter Plant Feed Table Reducers	Lube Oil	<250	Gear Box	Welded Steel	Floor With Curbong	Low	
Sinter Plant Burn Bldg, Nw Corner	E-Ip-Spd-Pt-172A/B/C	Sinter Plant Burning Bldg S1Conveyor Reducer (3)	Lube Oil	<210	Gear Box	Welded Steel	Floor	Low	
Conveyor Line Nw Corner Of Burn Bldg	E-Ip-Spd-Pt-173	Sinter Plant Conveyor S2A Gear Reducer Box	Gear Oil	<80	Gear Box	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure
Conveyor Line Nw Corner Of Burn Bldg	E-Ip-Spd-Pt-174	Sinter Plant Conveyor S2B Gear Reducer Box	Gear Oil	<80	Gear Box	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure
Sinter Plant Screening Bldg	E-Ip-Spd--Pt-175A/B	Sinter Plant Conveyors S-3 & S-4 Gear Boxes	Gear Oil	<1,120	Gear Box	Welded Steel	Floor / Bldg	Low	
Sma Conveyors #1, 2, 3 In Burn Bldg	E-Ip-Spd-Pt-176a/B/C	Sinter Plnat Conveyor Sm A, B, & C Reducers	Lube Oil	<150	Gear Box	Welded Steel	Floor / Bldg	Low	
Sinter Plant Burn Bldg 2nd Level Along Oven Conveyors	E-Ip-Spd-Pt-177a/B/C	A, B, C Crusher Reducer Gears	Gear Oil	<145	Gear Box	Welded Steel	Floor / Bldg	Low	
Head End Of Sinter Plant 08 Conveyor	E-Ip-Spd--Pt-181	Sinter Plant Conveyor 08 Reducer Gear	Gear Oil	<2,300	Gear Box	Welded Steel	Floor / Bldg	Low	
09 Conveyor In Bins Bldg	E-Ip-Spd-Pt-182	Sinter Plant Conveyor 09 Reducer Gear	Gear Oil	<160	Gear Box	Welded Steel	Floor / Bldg	Low	
Conveyor 04 East End Bldg	E-Ip-Spd-Pt-183	Sinter Plant Conveyors Sp 04 Reducer Gear	Gear Oil	<2,100	Gear Box	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure
Conveyor 04 East End Bldg	E-Ip-Spd-Pt-184	Sinter Plant Conveyors Sp 04 Reducer Gear	Gear Oil	<2,100	Gear Box	Welded Steel	No Containment	Medium	N1: Loading/unloading procedure

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Rod Mill Bldg, Ground Floor	E-Ip-Spd-Pt-186a/B/C/D	Sinter Plant Rod Mill Feed Table Reducer (4) Gear Boxes	Gear Oil	<250	Gear Box	Welded Steel	Floor / Bldg	Low	
Ore Yard Maintenance Bldg, South End	E-Ip-Spd-Sa-076	Ore Dock Drum Storage South	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls	Low	
Ore Yard Maintenance Bldg, North End	E-Ip-Spd-Sa-077	Ore Dock Drum Storage North	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls	Low	
Sinter Plant Garage	E-Ip-Spd-Sa-086	Sinter Plant Used Oil Storage	See DSA Inventory	55 Gal Drum / 140 Gal Tote	Totes / Drums	Welded Steel	Cement Block Walls	Low	
Sinter Plant Garage	E-Ip-Spd-Sa-087	Sinter Plant Garage Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Caddy	Low	
Sinter Plant Burn Bldg, Oil House	E-Ip-Spd-Sa-088	Burn Bldg Drum Dispensing Rack	See DSA Inventory	55	Totes / Drums	Steel	Floor / Walls	Low	
Middle Ore Yard Bridge (Ia)	E-Ip-Spd-Sa-143	#1 Ore Bridge Gear Boxes & Drums	See DSA Inventory	55/75	Gear Boxes & Drums	Welded Steel	Ore Yard / Pellet Piles	Low	
Southern Ore Yard Bridge	E-Ip-Spd-Sa-144	#1A Ore Bridge Gear Boxes & Drums	See DSA Inventory	200/100/300/55	Gear Boxes & Drums	Welded Steel	Ore Yard	Low	
Pellet Tunnel In Ore Yard	E-Ip-Spd-Sa-146	Tunnel Hydraulic System Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor / Room	Low	
Head R3 Conveyor	E-Ip-Spd-Sa-154	Ore Dock North Head R3 Conveyor Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor / Ore Yard	Low	
Ore Dock N Head R 2 Conveyor	E-Ip-Spd-Sa-159	Ore Dock Conveyor Rm 2 Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor / Ore Yard	Low	
Ore Dock 01C Conveyor N Head	E-Ip-Spd-Sa-160	Ore Dock Conveyor 01C Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor / Ore Yard	Low	
Ore Dock Rm2 Conveyor N Head	E-Ip-Spd-Sa-162	Ore Dock Conveyor Rm 3 Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
Various Along Pellet Bins On Hi-Line	E-Ip-Spd-Sa-165	Ore Dock Rm 4 Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor / Ore Yard	Low	
Sinter Plant Burn Bldg, Nw Corner	E-Ip-Spd--Sa-167	Sinter Plant Burning Bldg Drum Storage Room	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
West Of Burn Bldg	E-Ip-Spd-Sa-171	Sinter Plant Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls	Low	
Sinter Plant Burn Bldg 2nd Floor, Along Oven Conveyors	E-Ip-Spd-Sa-178	Sinter Plant Grease Drum Station # 1	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
Sinter Plant Burn Bldg 2nd Floor, Along Oven Conveyors	E-Ip-Spd-Sa-179	Sinter Plant Grease Drum Station #2	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
Sinter Plant Burn Bldg 2nd Floor,	E-Ip-Spd-Sa-180	Sinter Plant Grease Drum Station #3	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Along Oven Conveyors									
Rod Mill Bldg, Ground Floor	E-Ip-Spd-Sa-185	Rod Mill Grease Drum	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor / Bldg	Low	
South End Of Lancy Bldg	E-Ip-Spd-Sa-187	Lancy Bldg Drum Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Floor	Low	
Sinter Plant / South End	E-Ip-Spd-Ss-001	Substation No. 1 (Sinter Plant Main Sub)	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Sinter Plant / West Side	E-Ip-Spd-Ss-002A	Substation No. 2A (Sinter Plant)	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Sinter Plant / East Side	E-Ip-Spd-Ss-002B	Substation No. 2B (Sinter Plant)			Transformer	Welded Steel	No Containment	Low	
Iron Producing / Sinter Plant Ore Docks West Of Slip	E-Ip-Spd-Ss-003	Substation No. 3 (Sinter Plant)	Silicone		Transformer	Welded Steel	Concrete Curbing - Not Positively Controlled	Low	
Sinter Plant / Southwest	E-Ip-Spd-Ss-004	Substation No. 4 (Sinter Plant)			Transformer	Welded Steel	No Containment	Low	
Sinter Plant / East Of Maintenance Office	E-Ip-Spd-Ss-005	Substation No. 5 (Sinter Plant)	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Sinter Plant / West Side	E-Ip-Spd-Ss-006	Substation No. 6 (Sinter Plant)			Transformer	Welded Steel	No Containment	Low	
Sinter Plant / Baghouse Area	E-Ip-Spd-Ss-007	Substation No. 7 (Sinter Plant)	Silicone / Mineral Oil		Transformer	Welded Steel	Bldg Floor / Under Door / Ground	Low	
Sinter Plant / West Side	E-Ip-Spd-Ss-008	Substation No. 8 (Sinter Plant)	Silicone		Transformer	Welded Steel	None (638) / Own Steel Dike (1200/1201)	Low	
Sinter Plant / North End Of Env. Recycle Systems Operations Spares East	E-Ip-Spd-Ss-009	Substation No. 9 (Sinter Plant)			Transformer	Welded Steel	Sump Under Transformer - Insufficient Volume	Low	
	E-Ip-Spd-Ss-010	Substation No. 10 (Sinter Plant)	Silicone		Transformer	Welded Steel	Curbing / Trench / Sump Pump / Ground	Low	
Ore Dock, South End Of "Hole In The Wall"	E-Ip-Spd-St-075	Ore Dock Gasoline Tank	Gasoline	500	AST	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
Ore Yard Maintenance Bldg	E-Ip-Spd-St-079	Ore Dock Waste Oil Tank	Used Oil	550	AST	Welded Steel	Concrete Walls	Low	
Northeast Corner Ground Floor Of Dock Tower Bldg, Central Grease Room	E-Ip-Spd-St-081	Ore Docks Bulk Grease Tank	Grease	700	AST	Welded Steel	Concrete Walls / Floor	Low	
North Of Sinter Plant Garage	E-Ip-Spd-St-084	Sinter Gasoline Tank	Gasoline	700	AST	Welded Steel	Concrete Walls	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
North Of Sinter Plant Garage	E-Ip-Spd-St-085	Sinter Plant Diesel Tank	Gasoline	700	AST	Welded Steel	Concrete Walls	Low	
Sinter Plant Burn Bldg, Oil House	E-Ip-Spd-St-089	Sinter Plant Grease Tank	Grease	1,700	AST	Welded Steel	Floor / Walls	Low	
Oil Shanty East Of BF Under Hi-Line	E-Ip-Spf-St-012	#8 BF Oil Shanty Grease Tank	Grease	400	AST	Welded Steel	Concrete Walls / Floor	Low	
Ops Services									
Bsmt Next To AST	E-Os-Eld-Sa-155	Drum Storage Area At Electrical Repair Shop	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Cart	High	N2: Mobile container procedure
Mid Section	E-Os-Eld-Sa-156	Electric Shop Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Pallet / Bldg	Medium	N2: Mobile container procedure
Near Substation 20	E-Os-Eld-Sa-200	FRequency Changing Bldg Drum Storage Area	See DSA Inventory Table		Drums	N/A	Brick Dike	Low	
	E-Os-Eld-Ss-001	Unknown Disconnected Substation	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
West Of Safety Center	E-Os-Eld-Ss-003	Substation No. 3 (District Sub)			Transformer	Welded Steel	No Containment	Low	
South Of BF Spares	E-Os-Eld-Ss-004	Substation No. 4 (District Sub)			Transformer	Welded Steel	1) 36/37/1043 - Ground; 1232 - Bldg Floor / Bsmt Floor Drains / ???	Low	
North Of #14 Blast Furnace	E-Os-Eld-Ss-006	Substation No. 6 (Distric Sub)	Mineral Oil / Silicone		Transformer	Welded Steel	1) 1/2/1035 No Containment; 2) 1225 - Bldg Floor / Bsmt Sump / (Probably) Storm Sewer	Low	
North Of #14 Blast Furnace	E-Os-Eld-Ss-006n	Substation No. 6n	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
	E-Os-Eld-Ss-007	Substation No. 7 (Coke Plant)	Mineral Oil / PCB		Transformer	Welded Steel	PCB Xfmr Only - Bldg Floor / Bsmt Sump / Xfmr Yard (Not Sewer)	Low	
East End	E-Os-Eld-Ss-007cr	Substation No. 7 (Central Receiving)	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
	E-Os-Eld-Ss-007e	Substation No. 7e (Coke Plant)	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Northwest	E-Os-Eld-Ss-008	Substation No. 8 (District Sub)	Mineral Oil / Silicone		Transformer	Welded Steel	1) 1231: Bldg Floor / Bsmt / Sump / Ground; 379-386: Ground	Low	
West Side Fab Shop / East End	E-Os-Eld-Ss-014	Substation No. 14 (Distric Sub)	PCB		Transformer	Welded Steel	Bldg Floor - Insufficient Capacity	Low	
North End	E-Os-Eld-Ss-014ip	Substation No. 14 (Sinter Plant)			Transformer	Welded Steel	No Containment	Low	
	E-Os-Eld-Ss-015	Substation No. 15			Transformer	Welded Steel	No Containment	Low	
North Of 46" Motor Room	E-Os-Eld-Ss-016	Substation No. 16 (District Sub)	Silicone Oil		Transformer	Welded Steel	No Containment	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
80" Motor Room Operating Floor	E-Os-Eld-Ss-019	Substation No. 19	Mineral Oil		Transformer	Welded Steel	Bldg Floor / Bldg Sump / Ttp	Low	
South West	E-Os-Eld-Ss-020	Substation No. 20	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
South West	E-Os-Eld-Ss-023	Substation No. 23			Transformer	Welded Steel	No Containment	Low	
Lakeshore	E-Os-Eld-Ss-025	Substation No. 25			Transformer	Welded Steel	No Containment	Low	
Yard	E-Os-Eld-Ss-026	Substation No. 26	Mineral Oil		Transformer / Circuit Breaker	Welded Steel	No Containment	Low	
West Of Brandenberg	E-Os-Eld-Ss-028	Substation No. 28	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Southwest Of #2 Caster	E-Os-Eld-Ss-029	Substation No. 29 (District Sub)	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
South Of Plate Mill / West Of #2 Caster	E-Os-Eld-Ss-030	Substation No. 30 (District Sub)	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Bldg Bsmt	E-Os-Eld-Ss-059	Substation No. 59	Silicone		Transformer	Welded Steel	Bldg Floor / Transformer Room	Low	
Lakeside Pump Station	E-Os-Eld-Ss-087	Substation No. 87	Mineral Oil		Transformer	Welded Steel	High Retaining Wall Along Lakeshore; Earthen Berm	Low	
Broadway Gate	E-Os-Eld-Ss-103	Substation No. 103			Transformer	Welded Steel	No Containment	Low	
Broadway Gate	E-Os-Eld-Ss-104	Substation No. 104	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
	E-Os-Eld-Ss-105	Substation No. 105	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Northwest Of Alloy Control	E-Os-Eld-Ss-106	Substation No. 106			Transformer	Welded Steel	No Containment	Low	
Field North Of Alloy Control	E-Os-Eld-Ss-107	Substation No. 107	PCB		Transformer	Welded Steel	No Containment	Low	
Southeast Of 1-Bop / Caster	E-Os-Eld-Ss-108	Substation No. 108	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Northwest Of #2 Caster	E-Os-Eld-Ss-113	Substation No. 113			Transformer	Welded Steel	No Containment	Low	
East Of Shaker Car Area / East Of Swd-1	E-Os-Eld-Ss-123	Substation No. 123	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
South End	E-Os-Eld-Ss-1ph	#1 Powerhouse Substation	PCB-Contaminated		Transformer	Welded Steel	Bldg Floor / Outside Ground Or Bsmt (Earthen)	Low	
South Of Fab Shop C	E-Os-Eld-Ss-1ps	No. 1 Pump Station Substation	Silicone		Transformer	Welded Steel	No Containment	Low	
North Slip	E-Os-Eld-Ss-2ps	No. 2 Pump Station Substation	Silicone		Transformer	Welded Steel	Bldg Floor / Bsmt / Line Drains / Slip	Low	
Southeast Of Substation 30 /	E-Os-Eld-Ss-44i	44 Inch Soaking Pit Substation	Mineral Oil		Transformer	Welded Steel	No Containment	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
West Of Pipe Bridge									
East Side	E-Os-Eld-Ss-4Bh	No. 4 Boiler House Substation	Silicone		Transformer	Welded Steel	Floor / Trench / BFR System (1226/27) / Ground / Erp (1026/27)	Low	
	E-Os-Eld-Ss-4oh1	#4 Open Hearth Waste Heat Boil Substation	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
	E-Os-Eld-Ss-4oh2	#4 Open Hearth Rectifier Substation	Unknown		Transformer	Welded Steel	No Containment		
South Of #5 Powerhouse	E-Os-Eld-Ss-Cwt	Central Water Treatment Transformer	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
South End / Pipe Storage	E-Os-Eld-Ss-Fsc	Fab Shop C Substation	Silicone		Transformer	Welded Steel	Bldg Floor / Bsmt (No Sumps) / Vac Services / Treatment	Low	
West Wall / Column 12	E-Os-Eld-Ss-Fsd	Fab Shop D Substation	Mineral Oil		Transformer	Welded Steel	Bldg Floor / Bsmt / ???	Low	
East Of BF Spares Bldg	E-Os-Eld-Ss-Gbs	Gas Booster Substation	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Gw-11 Pump Station / South Of Alloy Control	E-Os-Eld-Ss-Gw11	Gw-11 Substation	Silicone		Transformer	Welded Steel	Concrete Curbing	Low	
Merchant Mill Gate / Contractor Parking East End	E-Os-Eld-Ss-Gw12	Gw-12 Substation	Silicone		Transformer	Welded Steel	Concrete Curbing	Low	
Southwest Corner	E-Os-Eld-Ss-Mls	Met Lab Substation	PCB		Transformer	Welded Steel	No Containment	Low	
West Of No. 4 Blast Furnace	E-Os-Eld-Ss-Obs	Ore Bridge Substation	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
South Of No. 1 Pump House	E-Os-Eld-Ss-Tbbh	Turbo Blower Boiler House Substation			Transformer	Welded Steel	1) 1233: Bldg Floor / Electrical Tunnels / Sump / ???; 2) 1211/1212/1150/1151/1184/1188: Ground (No Sewers)	Low	
Bsmt	E-Os-Eld-St-103A	Varnish Tank	Varnish	3,700		Welded Steel	No Containment	High	N1: Loading/unloading procedure; N9: SPCC inspections
Electrical Storage Bay	E-Os-Eld-St-103B	Varnish Reservoir Tank	Varnish	3,000	AST	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
North End / East Wall / Column 9	E-Os-Eld-Xf-004	Fab Shop D Lighting Transformer North			Transformer	Welded Steel	Bldg Floor / Bsmt (No Sumps) / Vac Services / Treatment	Low	
North End / East Wall / Column 9	E-Os-Eld-Xf-005	Fab Shop D Lighting Transformer South			Transformer	Welded Steel	Bldg Floor / Bsmt (No Sumps) / Vac Services / Treatment	Low	
West Balcony /	E-Os-Eld-Xf-	Fab Shop D Balcony			Transformer	Welded Steel	Balcony Contains	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column 9	006	Lighting Transformer							
Songer Shop By Substation 25	E-Os-Eld-Xf-200	American Bridge Transformer	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Bsmt	E-Os-Eld-Xf-300	#5 Powerhouse Bsmt Transformer #1	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Sump	Low	
Bsmt	E-Os-Eld-Xf-301	#5 Powerhouse Bsmt Transformer #2	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Sump	Low	
Bsmt	E-Os-Eld-Xf-302	#5 Powerhouse Bsmt Transformer #3	Mineral Oil		Transformer	Welded Steel	Bsmt Floor / Sump	Low	
East Slip Turnaround	E-Os-Eld-Xf-3ps	No. 3 Pump Station Transformer	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Sinter Plant	E-Os-Eld-Xf-4ps	No. 4 Pump Station Transformer	Silicone		Transformer	Welded Steel	1) Platform / Bsmt Floor / Intake Sump / Mill Water / Bug Plant; 2) Platform / Bsmt Floor / Intake Sump / Nccw / Gcr; 3) Platform / Bsmt Floor / Outfall Bw-4 Lake Michigan	Low	
Gw-10 Pump Station	E-Os-Eld-Xf-Gw10	Gw-10 East Mill Sewer Waste Transformer	Silicone		Transformer	Welded Steel	Concrete Curbing	Low	
Broadway Gate	E-Os-Eld-Xf-Lft1	No. 1 Sanitary Lift Transformer	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
80" Motor Room Operating Floor	E-Os-Eld-Xs-001	80" Motor Room Transformer Storage Area	Various		Transformer Spares	N/A	Bldg Floor / Bsmt Sumps / Ttp	Low	
PCB Storage	E-Os-Eld-Xs-182	18-2 Spare Transformer Storage Area (PCB)	Various		Transformer Spares	N/A	1) Bldg Floor / Bsmt Sumps / Ttp; 2) Concrete Containment Curbing For For PCB Spares	Low	
South End	E-Os-Eld-Xs-1ph	#1 Powerhouse Transformer Storage Area	PCB-Contaminated		Transformer	Welded Steel	Bldg Floor / Outside Ground Or Bsmt (Earthen)	Low	
North End	E-Os-Eld-Xs-4ph	#4 Powerhouse Spare Transformer Storage Area	Various		Transformer Spares	Welded Steel	Bldg Floor / Abandoned Bsmt		
Broadway, West End, Column C33	E-Os-Eld-Xs-Fdr	Foundry Transformer Storage Area			Transformer Spares	N/A	1) Curbing For Spare Lmf Xfmr; 2) Bldg Floor / Ground	Low	
North End	E-Os-Mcs-Pt-150	1250 Ton Press Hydraulic Tank	Hyd Oil (Light Oil)	800	Hydraulic System	Welded Steel	Bsmt	Low	
West End	E-Os-Mcs-Pt-157	Horizontal Press	Hyd Tank	84	Hydraulic System	Welded Steel	Bldg	Low	
South, Central	E-Os-Mcs-Pt-160	Horizontal Boring Machine Hyd	Hydraulic Oil	70	Hydraulic System	Welded Steel	Trench / Bldg	Low	
North East End	E-Os-Mcs-Pt-161	Rotary Table Grinder Solution Tank	Grinding Oil Solution	390	Holding Tank	Welded Steel	Bldg	Low	
South Central Area	E-Os-Mcs-Sa-102	Machine Shop Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Spill Skid / Metal Box	Low	

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South End	E-Os-Mcs-Sa-148	Oil Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Bldg	Low	
	E-Os-Mcs-Sa-158	Grease Tote	Grease	600	Totes & Drums	Welded Steel	Bldg	Low	
	E-Os-Mcs-Sa-159	Air Compression Coolant	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Container	Low	
South, Outside	E-Os-Mcs-St-162	Machine Shop Used Oil Pit	Used Oil	12,500	Sump / Pit	Concrete	No Containment	Medium	N1: Loading/unloading procedure
	E-Os-Mhe-Ls-006	Loco Motor Oil Unloading Station	Mobilgard 450		Unloading Station	N/A	No Containment	Low	
	E-Os-Mhe-Ls-007	Loco Waste Oil Loading Station	Mobilgard 450 (Used)		Loading Station	N/A	No Containment	Low	
Outside - North Of Bldg	E-Os-Mhe-Ls-008	Diesel Fuel Unloading Station	Diesel Fuel		Unloading Station	N/A	Catch Basin / Ground	Low	
Outside - North Of Bldg	E-Os-Mhe-Ls-009	Diesel Fueling Station	Diesel Fuel		Loading Station	N/A	Catch Basins (2) / Ground	Low	
	E-Os-Mhe-Ls-010	Main Garage Oil Unloading Station	See Unloading Station Inventory Table		Loading / Unloading Station		Paved Area - No Curbing / Catchment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Service Pit	E-Os-Mhe-Ls-011	Used Oil Loading Station	Used Oil		Loading Station		Service Pit	Low	
East End	E-Os-Mhe-Ls-012	West Garage Oil Unloading Station	See Unloading Station Inventory Table		Loading / Unloading Station		Bldg Floor - Oil Sump	Low	
	E-Os-Mhe-Ls-013	Tractor Shop Oil Unloading Station	See Unloading Station Inventory Table		Loading / Unloading Station		Bldg Floor	Low	
Tractor Shop Annex	E-Os-Mhe-Ls-014	Tractor Shop Waste Antifreeze Loading Station	See Unloading Station Inventory Table		Loading Station		Bldg Floor	Low	
	E-Os-Mhe-Ls-051A	East Docks Diesel Fuel Loading Station	Diesel Fuel		Loading Station	N/A	Concrete Pad / Catch Basin / Soil / Swale Area	High	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Os-Mhe-Ls-051B	East Docks Diesel Fuel Truck Loading Station	Diesel Fuel		Loading Station	N/A	Concrete Pad / Catch Basin / Soil / Swale Area	High	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Os-Mhe-Ls-055/056/058/059	East Docks Oil Unloading Station	Mobil Delvac 1200 / Mobil Delvac 1210		Unloading Station	N/A	Concrete Extension FRom Under Tanks / Catch Basin	High	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Os-Mhe-Ls-056	East Docks Fuel Unloading Station Ts205	Diesel Fuel		Unloading Station	N/A	Concrete Pad / Catch Basin / Soil / Swale Area	High	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	E-Os-Mhe-Ls-057	East Docks Waste Oil And Antifreeze Loading / Unloading Station	Antifreeze And Waste Oil		Loading / Unloading Station	N/A	Concrete Extension FRom Under Tanks / Catch Basin	High	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
South Of Acct Mtce	E-Os-Mhe-Ls-104	Diesel & Gasoline Loading Station	Diesel Fuel & Gasoline	6,000	Loading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Os-Mhe-Me-001	East Docks Truck Staging Area	See Mobile Equipment Inventory			N/A	Ground	High	N2: Mobile container procedure
	E-Os-Mhe-Me-002	Main Garage Truck Staging Area (North)	N/A			N/A	Ground / Not Impervious	Low	
	E-Os-Mhe-Me-003	Main Garage Truck Staging Area (South)	N/A			N/A	Ground / Not Impervious	Low	
	E-Os-Mhe-Me-004	18-2 Warehouse Cold Weather Truck Staging	See Mobile Equipment Inventory				Bldg Floor / Plugged Trench	Low	
	E-Os-Mhe-Me-005	4 Stand Warehouse Winter Truck Staging Area	See Mobile Equipment Inventory				Bldg Floor	Low	
	E-Os-Mhe-Me-006a	6 Warehouse Winter Truck Staging Area	See Mobile Equipment Inventory				Bldg Floor	Low	
	E-Os-Mhe-Me-006b	West Transportation Summer Staging Area	See Mobile Equipment Staging Area Inventory Table				Not Impervious / Ground	Low	
	E-Os-Mhe-Me-007	South Anneal Truck Staging Area	See Mobile Equipment Staging Area Inventory Table				Bldg Floor	Low	
	E-Os-Mhe-Me-008	4 Stand Truck Staging Area	See Mobile Equipment Staging Area Inventory Table				Bldg Floor	Low	
	E-Os-Mhe-Me-009	Sheet Mill Galvanize Maintenance Truck Staging Area	See Mobile Equipment Staging Area Inventory Table				Bldg Floor	Low	
	E-Os-Mhe-Me-010	Hot Roll Finishing Truck Staging Area #1	See Mobile Equipment Staging Area Inventory				Bldg Floor	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
			Table						
	E-Os-Mhe-Me-011	Hot Roll Finishing Truck Staging Area #2	See Mobile Equipment Staging Area Inventory Table				Bldg Floor	Low	
	E-Os-Mhe-Me-100	East Portable Diesel Generator Staging Area (At #1 Powerhouse)	See Mobile Equipment Staging Area Inventory Table				Bldg Floor	Low	
	E-Os-Mhe-Me-101	West Portable Diesel Generator Staging Area (At South Sheet)	See Mobile Equipment Staging Area Inventory Table				Bldg Floor	Low	
Broadway, North	E-Os-Mhe-Me-200	Construction Services Satellite Staging Area					Slag / Sloped 4 Ways To Center	Low	
South Side, Under Roof	E-Os-Mhe-Me-201	1Bop Satellite Staging Area					Slag Area Underneath Roof Of Bldg	Low	
North End	E-Os-Mhe-Me-202	Qbop Satellite Staging Area					Slag / Area Is Sloped To Center	Low	
East	E-Os-Mhe-Me-203	Main Garage Satellite Staging Area 1					Slag W/ Jersey Barriers / 2 Rows Deep	Low	
East	E-Os-Mhe-Me-204	Main Garage Satellite Staging Area 2					Slag W/ Jersey Barriers	Low	
East	E-Os-Mhe-Me-205	Main Garage Satellite Staging Area 3					Slag W/ Jersey Barriers	Low	
North, By Main Garage	E-Os-Mhe-Me-206	Electric Shop Satellite Staging Area					Slag W/ Jersey Barriers / 2 Rows Deep	Low	
Main Garage Parking	E-Os-Mhe-Me-207	Main Garage Satellite Staging Area 4					Slag Sloped In 2 Separate Areas / W/ Jersey Barriers	Low	
West	E-Os-Mhe-Me-208	Main Garage Satellite Staging Area 5					Slag Next To A Road	Low	
Center Lot / West Of Main Garage	E-Os-Mhe-Me-209	Main Garage Satellite Staging Area 6					Asphalt W/ Jersey Barriers	Medium	N2: Mobile container procedure
Southwest	E-Os-Mhe-Me-210	Main Garage Satellite Staging Area 7					Slag Slightly Sloped Toward Center / W/ Jersey Barriers	Medium	N2: Mobile container procedure
South	E-Os-Mhe-Me-211	West Truck Garage Satellite Staging Area 1					Asphalt W/ Jersey Barriers	Low	
Southwest	E-Os-Mhe-Me-212	West Truck Garage Satellite Staging Area 2					Asphalt	Medium	N2: Mobile container procedure
West	E-Os-Mhe-Me-213	West Truck Garage Satellite Staging Area 3					Asphalt W/ Jersey Barriers	Low	
East	E-Os-Mhe-Me-	West Side Fire Station					Slag W/ Jersey Barriers	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	214	Satellite Staging Area 1							
	E-Os-Mhe-Me-215	West Side Fire Station Satellite Staging Area 2					Bldg	Low	
West Side Of 84" Cooling Towers	E-Os-Mhe-Me-216	84" Cooling Towers Satellite Staging Area					Slag	Low	
East Side	E-Os-Mhe-Me-217	Crane Mtce Satellite Staging Area					Concrete/Asphalt Sloped Down To Road / W/ Jersey Barriers	Low	
Ore Docks Mtce Storage	E-Os-Mhe-Me-218	Ore Docks Satellite Staging Area					Bldg	Low	
South	E-Os-Mhe-Me-219	Sinter Plant Satellite Staging Area					Slag W/ Jersey Barriers	Low	
Ts-215 Sinter Plant Spares	E-Os-Mhe-Me-220	Ts-215 Sinter Plant Spares Satellite Staging Area					Bldg	Low	
	E-Os-Mhe-Me-221	BF Spares Satellite Staging Area					Asphalt W/ Jersey Barriers	Low	
	E-Os-Mhe-Me-Fs2	Unvisited Satelite Staging Area - Fire Station 2	See Mobile Equipment Staging Area Inventory Table						
	E-Os-Mhe-Me-Undet	Undetermined Satelite Staging Areas	See Mobile Equipment Staging Area Inventory Table						
	E-Os-Mhe-Pr-002	Locomotive Shop Motor Oil Pipeline	Motor Oil					Low	
Shop Floor	E-Os-Mhe-Sa-001	East Docks Drum Storage Area 1	See DSA Inventory Table		Drums	N/A	Pig Heavy Duty Spill Containment Pallet	Low	
Shop Floor	E-Os-Mhe-Sa-002	East Docks Drum Storage Area 2	See DSA Inventory Table		Drums	N/A	Pig Heavy Duty Spill Containment Pallet	Low	
East End	E-Os-Mhe-Sa-030	West Garage Grease Drum Storage Area	See DSA Inventory Table		Drums	N/A	Bldg Floor	Low	
	E-Os-Mhe-Sa-031	Tractor Shop Mobil Shc 634 Drum	See DSA Inventory Table		Drum	N/A	Bldg Floor	Low	
Outside - South Of Bldg	E-Os-Mhe-Sa-073	Main Garage Outside Drum Storage Area	See DSA Inventory Table		Drums / Totes	N/A	Concrete Curbed Area W/ Catch Basin	Low	
East End	E-Os-Mhe-Sa-081	Main Garage Drum Storage Area East End	See DSA Inventory Table		Drums	N/A	4-Drum & 2-Drum Pallet (Pig Heavy Duty Spill Containment Pallet)	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Service Pit	E-Os-Mhe-Sa-082	Main Garage Drum Storage Area West End	See DSA Inventory Table		Drums	N/A	2-Drum Pallet (Pig Heavy Duty Spill Containment Pallet)	Low	
East End	E-Os-Mhe-Sa-088	West Garage Oil Drum Storage Area	See DSA Inventory Table		Drums	N/A	Enpac Poly-Raker (100 Gal) / Enpac Poly-Stacker	Low	
Tractor Shop Annex	E-Os-Mhe-Sa-095	Tractor Shop Drum Storage Area	See DSA Inventory Table		Drums	N/A	Enpac 8-Drum Workstation	Low	
Shop Floor	E-Os-Mhe-St-001A/B/C/D	Used Oil Catch Pans	Used Oil	70	Pans	Welded Steel	Bldg Floor - Oil Dry	Low	
	E-Os-Mhe-St-051	East Docks Diesel Fuel Storage Tank	Diesel Fuel	30000	AST	Welded Steel	Earthen Dike	High	N1: Loading/unloading procedure; N9: SPCC inspections
Shop Floor	E-Os-Mhe-St-052	Drive Train Fill Tank 1	Mobiltrans Hd 50 (Winter)	300	AST	Welded Steel	Steel Dike	Low	
Shop Floor	E-Os-Mhe-St-053	Drive Train Fill Tank 2	Mobiltrans Hd 30 (Summer)	300	AST	Welded Steel	Steel Dike	Low	
Shop Floor	E-Os-Mhe-St-054	East Docks Shop Bulk Storage Grease Tote	Spectrum 000g (Grease)	500	Tote	Welded Steel	Bldg Floor	Low	
	E-Os-Mhe-St-055	East Docks Motor Oil Storage Tank	Mobil Delvac 1200 Super 15w-40	3000	AST	Welded Steel	Steel Dike	High	N1: Loading/unloading procedure; N9: SPCC inspections
	E-Os-Mhe-St-056	East Docks Hydraulic Oil Tank	Mobil Delvac 1210 Hydraulic Oil	3000	AST	Welded Steel	Steel Dike	High	N1: Loading/unloading procedure; N9: SPCC inspections
	E-Os-Mhe-St-057	Waste Oil Tank	Waste Motor Oil	450	AST	Welded Steel	Steel Dike	High	N1: Loading/unloading procedure; N9: SPCC inspections
	E-Os-Mhe-St-058	Antifreeze Tank (South)	Antifreeze	360	AST	Welded Steel	Steel Dike	High	N1: Loading/unloading procedure; N9: SPCC inspections
	E-Os-Mhe-St-059	Antifreeze Tank (North)	Antifreeze	360	AST	Welded Steel	Steel Dike	High	N1: Loading/unloading procedure; N9: SPCC inspections
	E-Os-Mhe-St-060	Waste Antifreeze Accumulation Tank	Waste Antifreeze	185	AST	Plastic	Steel Dike	High	N1: Loading/unloading procedure; N9: SPCC inspections
Shop Floor	E-Os-Mhe-St-061	992 G Antifreeze Tank	992 G Antifreeze	300	AST	Welded Steel	Steel Dike	Low	
Outside - North Of Bldg	E-Os-Mhe-St-062	Diesel Fuel Tank (North)	Diesel Fuel	30000	AST	Welded Steel	Earthern Dike	Low	
Outside - North Of Bldg	E-Os-Mhe-St-063	Diesel Fuel Tank (South)	Diesel Fuel	30000	AST	Welded Steel	Earthern Dike	Low	
Outside - South Of Bldg	E-Os-Mhe-St-066	Motor Oil Tank #14	(Unoven) 15w40 Motor	3000	AST	Welded Steel	Steel Dike	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
			Oil						
Outside - South Of Bldg	E-Os-Mhe-St-067	Eco-Safe Tank #15	Eco Safe FR-68	3000	AST	Welded Steel	Steel Dike	Low	
Outside - South Of Bldg	E-Os-Mhe-St-068	Anti-FReeze Tank #16	Anti-FReeze (Mays)	3000	AST	Welded Steel	Steel Dike	Low	
Outside - South Of Bldg	E-Os-Mhe-St-069	Hydraulic Oil Tank #17	Hydraulic Oil (Mobil 10wt)	6000	AST	Welded Steel	Steel Dike	Low	
Outside - South Of Bldg	E-Os-Mhe-St-070	Hydraulic Oil Tank #18	Hydraulic Oil	6000	AST	Welded Steel	Steel Dike	Low	
Outside - South Of Bldg	E-Os-Mhe-St-077	Used Oil Tank #19	Used Oil	2000	AST	Welded Steel	Concrete Vault	Low	
Back Room	E-Os-Mhe-St-078	Used Anti-FReeze Tank (West)	Used Anti-FReeze	215	AST	Plastic	Steel Dike	Low	
Back Room	E-Os-Mhe-St-079	Used Anti-FReeze Tank (East)	Used Anti-FReeze	215	AST	Plastic	Steel Dkie	Low	
Service Pit	E-Os-Mhe-St-083	Service Pit Used Oil Tank	Used Oil	1000	AST	Welded Steel	Service Pit	Low	
East End	E-Os-Mhe-St-084	Anti-FReeze Tank #7	Antifreeze	475	Tote	Welded Steel	Steel Dike	Low	
East End	E-Os-Mhe-St-085	Transmission Fluid Tank #6	Mobil Atf	475	Tote	Welded Steel	Steel Dike	Low	
East End	E-Os-Mhe-St-086	15w40 Motor Oil Tank #5	Motor Oil (Mobil Delvac Isw-40)	475	Tote	Welded Steel	Steel Dike	Low	
East End	E-Os-Mhe-St-087	DTE Hydraulic Fluid Tank #4	Mobil DTE Hvy-Med	475	Tote	Welded Steel	Steel Dike	Low	
East End	E-Os-Mhe-St-089	Used Anti-FReeze Tank	Used Antifreeze	185	Tote	Plastic	Steel Dike	Low	
	E-Os-Mhe-St-090	Mobil 15 W-40 Oil Tank #9	Mobil 15w-40	400	Tote	Welded Steel	Steel Dike / Bldg Floor / Oil Sump	Low	
	E-Os-Mhe-St-091	Mobil 1210 Hydraulic Oil Tank #10	Mobil 1210 Hydraulic Oil	400	Tote	Welded Steel	Steel Dike / Bldg Floor / Oil Sump	Low	
	E-Os-Mhe-St-092	Transmission Fluid Tank #11	Mobil Atf	400	Tote	Welded Steel	Steel Dike / Bldg Floor / Oil Sump	Low	
	E-Os-Mhe-St-093	Anti-FReeze Tank #12	Antifreeze	400	Tote	Welded Steel	Steel Dike / Bldg Floor / Oil Sump	Low	
	E-Os-Mhe-St-094	Used Oil Tank #14	Waste Oil	240	AST	Welded Steel	Pit / Bldg Floor	Low	
Tractor Shop Annex	E-Os-Mhe-St-096	Waste Anti-FReeze Tank	Waste Anti-FReeze	215	AST	Plastic	Steel Dike	Low	
Shop Floor	E-Os-Mhe-St-098	Used Oil Storage Tank	Mobilgard 450 (Used)	1000	AST	Welded Steel	Bays 1 & 2 Loco Undercarriage Trench Drain / Gw11 / C-Lot Lagoons	Low	
Shop Floor	E-Os-Mhe-St-099	Mobil Oil Tote	Mobil Delvac 1230	500	Tote	Welded Steel	Bldg Floor / Bay 6 Undercarriage Pit	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Shop Floor	E-Os-Mhe-St-100	Loco Motor Oil Tank	Mobilgard 450	6000	AST	Welded Steel	Double-Walled Tank	Low	
South Of Acct Mtce	E-Os-Mhe-St-104	Diesel Tank	Diesel Fuel	300	AST	Welded Steel	Concrete Walls	Low	
East End	E-Os-Mhe-St-200	Waste Oil Sump & Catch Basin	Waste Oil	600 / 700	Sump	Concrete	No Containment	Low	
	E-Os-Mhe-St-300	Asphotac Mixing And Storage Tank	Diluted Asphotac Dust Suppressant Solution	75000	AST	Welded Steel	Surrounding Trench / Sump / Drain Or Vacuum Truck To BFR	Low	
	E-Os-Mhe-St-Loc	Locomotive Shop	See Mobile Equipment Inventory (Up To 12 Engines)		Locomotive Staging Area	N/A	6 Undercarriage Bays	Low	
	E-Os-Mhe-St-Mgl	Oil Changing Tank	Motor Oil	135	AST	Welded Steel	Bldg Floor	Low	
At Southeast Corner	E-Os-Spd-Ls-001	No. 1 Fuel Oil Tank Loading Station	#6 Fuel Oil	6,000	Unloading Station		No Containment	Low	
Northeast Corner	E-Os-Spd-Ls-036/037/038	#6 Fuel Oil Tank #1 Loading Station	#6 Fuel Oil	5,000	Unloading Station		Curbing	Low	
West Side	E-Os-Spd-Pt-002	No. 10 Oil Reservoir Cooler & Filters	Lube Oil	1,600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-003	No. 9 Oil Reservoir Coolers & Filters	Lube Oil	1,600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-004	Bowser Tank No. 7	Lube Oil	300	Lubrication System	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-005	Bowser Tank No. 8	Lube Oil	300	Lubrication System	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-006	Bowser Tank No. 6	Lube Oil	300	Lubrication System	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-007	Bowser Tank No. 5	Lube Oil	300	Lubrication System	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-008	Bowser Tank No. 3	Lube Oil	300	Lubrication System	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-009	Bowser Tank No. 4	Lube Oil	300	Lubrication System	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-010	Bowser Tank No. 2	Lube Oil	300	Lubrication System	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
West Side	E-Os-Spd-Pt-011	Bowser Tank No. 1	Lube Oil	300	Lubrication System	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
2nd Floor / West Side	E-Os-Spd-Pt-013	No. 2 Turbine Reservoir	Lube Oil	600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
2nd Floor / West Side	E-Os-Spd-Pt-014	No. 4 Turbine Reservoir	Lube Oil	600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
2nd Floor / West Side	E-Os-Spd-Pt-015	No. 1 Turbine Reservoir	Lube Oil	600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
2nd Floor / West Side	E-Os-Spd-Pt-016	No. 3 Turbine Reservoir	Lube Oil	600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
2nd Floor / West Side	E-Os-Spd-Pt-017	No. 5 Turbine Reservoir	Lube Oil	600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
2nd Floor / West Side	E-Os-Spd-Pt-018	No. 6 Turbine Reservoir	Lube Oil	600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
2nd Floor / West Side	E-Os-Spd-Pt-019	No. 8 Turbine Reservoir	Lube Oil	600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
2nd Floor / West Side	E-Os-Spd-Pt-020	No. 7 Turbine Reservoir	Lube Oil	600	Oil Reservoir	Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
Column 7 / Row J	E-Os-Spd-Pt-032	No. 68 Bearing Lube Oil	Lube Oil	300	Tote	Welded Steel	Bsmt / Sump	Low	
Co-Gen Bldg / 2nd Floor South End	E-Os-Spd-Pt-039	Lube Oil Tank At Co Gen Bldg	Lube Oil	3,000	Lubrication System	Welded Steel	Concrete Walls	Low	
Co-Gen Bldg / 2nd Floor	E-Os-Spd-Pt-040	Hydraulic Oil Tank	Hydraulic Oil	440	Hydraulic System	Welded Steel	Concrete Walls	Negligible (Terrain Retains)	
Column 6 / Row J	E-Os-Spd-Pt-122	#3 Boiler Feed Pump	Hydraulic Oil	60	Lubrication System	Welded Steel	Trench /Rupture Could Spill Out Door	Medium	N1: Loading/unloading procedure
Column 6 / Row J	E-Os-Spd-Pt-123	#4 Plant Water Pump	Hydraulic Oil	60	Lubrication System	Welded Steel	Trench /Rupture Could Spill Out Door	Medium	N1: Loading/unloading procedure
Column 6 / Row J	E-Os-Spd-Pt-124	#5 Boiler Feed Pump	Hydraulic Oil	60	Lubrication System	Welded Steel	Trench /Rupture Could Spill Out Door	Medium	N1: Loading/unloading procedure
Column 6 / Row J	E-Os-Spd-Pt-125	#6 Boiler Feed Pump	Hydraulic Oil	60	Lubrication System	Welded Steel	Trench /Rupture Could Spill Out Door	Medium	N1: Loading/unloading procedure
East Side	E-Os-Spd-Pt-127	#1 Boiler Id Fan Gear-Box	Gear Oil	60	Gear Box	Welded Steel	Bsmt / Sump	Low	
East Side	E-Os-Spd-Pt-128	#3 Boiler Id Fan Gear Box	Gear Oil	60	Gear Box	Welded Steel	Bsmt / Sump	Low	
East Side	E-Os-Spd-Pt-129	#2 Boiler Id Fan Gear Box	Gear Oil	60	Gear Box	Welded Steel	Bsmt / Sump	Low	
West Of Fuel Oil Pump	E-Os-Spd-Pt-130	#1 Oil Heat Exchanger	Oil	328	Heat Exchanger	Riveted Steel	Trenches / Floor	Low	
West Of Fuel Oil Pump	E-Os-Spd-Pt-131	#2 Oil Heat Exchanger	Oil	328	Heat Exchanger	Riveted Steel	Trenches / Floor	Low	
West Of Fuel Oil Pump	E-Os-Spd-Pt-132	#3 Oil Heat Exchanger	Oil	328	Heat Exchanger	Riveted Steel	Trenches / Floor	Low	
East Side	E-Os-Spd-Pt-135	#6 Boiler Fd Fan Gear-Box	Gear Oil	60	Gear Box	Welded Steel	Bsmt / Sump	Low	
East Wall	E-Os-Spd-Pt-136	Fuel Oil Heater & Piping	Fuel Oil	687		Welded Steel	Concrete Walls	Low	
Far South End At Booster Fans	E-Os-Spd-Pt-140	Blast Furnace Booster Fan Reducer	Lube Oil	<150	Gear Box	Riveted Steel	Bldg	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Far South End At Booster Fans	E-Os-Spd-Pt-141	Blast Furnace Booster Fan Reducer	Lube Oil	<150	Gear Box	Riveted Steel	Bldg	Low	
North End, Bsmt	E-Os-Spd-Pt-145	Bowser Tank #41	Turbine Oil	1,300	Lubrication System	Welded Steel	No Containment	High	N1: Loading/unloading procedure
North End, Bsmt	E-Os-Spd-Pt-146	Bowser Tank #42	Turbine Oil	1,300	Lubrication System	Welded Steel	No Containment	High	N1: Loading/unloading procedure
Under #4 Turbo Blower	E-Os-Spd-Sa-025	Tbbh Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Bsmt / Sump	Low	
East Wall	E-Os-Spd-Sa-042	#4 Boiler House Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Cement Block Walls	Low	
	E-Os-Spd-Sa-047	Oil Tote Storage At No. 2 Boiler House	Gear / Compressor / Turbine Oil	60	Totes & Drums	Welded Steel	Steel Box	Low	
By Air Compressors	E-Os-Spd-Sa-119	Tbbh Drum Dispensing Station #1	See DSA Inventory	55	Drums	Welded Steel	Bsmt / Sump	Low	
By Air Compressors	E-Os-Spd-Sa-120	Tbbh Drum Dispensing Station #1	See DSA Inventory	55	Drums	Welded Steel	Bsmt / Sump	Low	
Column 12 / Row J	E-Os-Spd-Sa-133	#6 Boiler Drum Dispensing Station A	See DSA Inventory	55	Drums	Welded Steel	No Containment	Low	
Column 12 / Row J	E-Os-Spd-Sa-134	#6 Boiler Drum Dispensing Station B	See DSA Inventory	55	Drums	Welded Steel	No Containment	Low	
East Wall	E-Os-Spd-Sa-137	Lube Oil Dispensing Drum	See DSA Inventory	55	Drums	Welded Steel	20' West Of Clean Water Sewer	Low	
Bsmt	E-Os-Spd-Sa-144	#5 Power Station Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	No Containment	Low	
South End	E-Os-Spd-Sa-151	No. 1 Power Station Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel / Poly / Plastic	Bsmt / Sump	Low	
	E-Os-Spd-Sa-321	Oil Storage At No. 2 Boiler House	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Pallet	Low	
At Southeast Corner	E-Os-Spd-St-001	No. 1 Fuel Oil Tank	Fuel Oil	250,000	AST	Welded Steel	Concrete Walls	Low	
West Side	E-Os-Spd-St-012	Turbine Oil Storage	DTE Oil Bearing Oil	4,000		Welded Steel	Bsmt To Process Sewer To BFR & Oil Separator Line	Low	
East Side	E-Os-Spd-St-036	#6 Fuel Oil Tank No. 1	Fuel Oil	4,2000	AST	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
East Side	E-Os-Spd-St-037	#6 Fuel Oil Tank No. 2	Fuel Oil	42,000	AST	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
East Side	E-Os-Spd-St-038	#6 Fuel Oil Tank No. 3	Fuel Oil	42,000	AST	Welded Steel	Concrete Walls	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
North End	E-Os-Spd-St-041	No. 68 DTE Oil Tank	Lube Oil	300	AST	Welded Steel	No Containment	Low	
Ground Floor,	E-Os-Spd-St-	Betz Dearborn Contractor	Ferramean	1,600	AST	Welded Steel	Concrete Walls	Negligible	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Center	126	Tank #0013	COG 9016					(Terrain Retains)	
North End	E-Os-Spd-St-147a	Turbine Oil Storage Tank	Turbine Oil	3,300		Welded Steel	No Containment	High	N1: Loading/unloading procedure; N9: SPCC inspections
North End	E-Os-Spd-St-147b	Turbine Oil Storage Tank	Turbine Oil	2,900	AST	Welded Steel	No Containment	High	N1: Loading/unloading procedure; N9: SPCC inspections
South End	E-Os-Spd-St-154	10,000 Gal Hydraulic Oil Storage Tank	Hydraulic Oil	>10,000	AST	Riveted Steel	No Containment	High	N1: Loading/unloading procedure; N9: SPCC inspections
North Of #4 Boiler House By Substation #6	E-Os-Spd-St-175	COG Drip Tank / Pit #Sm6	COG Condensate	1,525	Vault / Pit	Concrete	No Containment	Medium	N1: Loading/unloading procedure
Northwest End Of 160 Plate Mill In Open Field Near Rr Tracks	E-Os-Spd-St-176	COG Drip Tank / Pit #Sm7	COG Condensate	1,525	Vault / Pit	Concrete	No Containment	Low	
West Side Of Iron Bleachin Facility In Open Yard	E-Os-Spd-St-177	COG Drip Tank / Pit #409	COG Condensate	130	Drip Pit	Concrete	No Containment	Low	
Northwest Corner Of Iron Bleaching Facility	E-Os-Spd-St-178	COG Drip Tank / Pit #410	COG Condensate	940	Vault / Pit	Concrete	No Containment	Low	
50' Northwest Of Pit #405	E-Os-Spd-St-179	COG Drip Tank / Pit #406	COG Condensate	165	Drip Pit	Concrete	No Containment	Low	
Next To Oxygen Pru Station	E-Os-Spd-St-180	COG Drip Tank / Pit #405	COG Condensate	140	Drip Pit	Concrete	No Containment	Low	
100' East Of Sanitary Lift Station	E-Os-Spd-St-181	COG Drip Tank / Pit #407	COG Condensate	140	Drip Pit	Concrete	No Containment	Low	
50' North Of Pit #407	E-Os-Spd-St-182	COG Drip Tank / Pit #408	COG Condensate	130	Drip Pit	Concrete	No Containment	Low	
50' North Of Pit #403	E-Os-Spd-St-183	COG Drip Tank / Pit #404	COG Condensate	470	Drip Pit	Concrete	No Containment	Low	
East Of Ims Scale Bldg By Old Billet Mill	E-Os-Spd-St-184	COG Drip Tank / Pit #403	COG Condensate	140	Drip Pit	Concrete	No Containment	Low	
1,000' North Of #4 Sanitary Lift Station (Billet Mill)	E-Os-Spd-St-185	COG Drip Tank / Pit #402	COG Condensate	330	Drip Pit	Concrete	No Containment	Low	
West Of #1 Bop Shop Sys Bldg	E-Os-Spd-St-186	COG Drip Tank / Pit #303	COG Condensate	330	Drip Pit	Concrete	No Containment	Low	
500' North Of Pit #403	E-Os-Spd-St-187	COG Drip Tank / Pit #304	COG Condensate	330	Drip Pit	Concrete	No Containment	Low	
600' North Of Pit	E-Os-Spd-St-	COG Drip Tank / Pit #700	COG	950	Vault / Pit	Concrete	No Containment	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
#304	188		Condensate						
Southwest Corner Of Fab D Bldg	E-Os-Spd-St-189	COG Drip Tank / Pit #701	COG Condensate	180	Drip Pit	Concrete	No Containment	Low	
West Side / North Of Overhead Door	E-Os-Spd-St-190	COG Drip Tank / Pit #702	COG Condensate	180	Drip Pit	Concrete	No Containment	Low	
East Of #1 Bop Shop Sys Bldg	E-Os-Spd-St-191	COG Drip Tank / Pit #302	COG Condensate	290	Drip Pit	Concrete	No Containment	Low	
Southwest Corner Of #1 Bop Shop	E-Os-Spd-St-192	COG Drip Tank / Pit #301	COG Condensate	1,890	Vault / Pit	Concrete	No Containment	Low	
South Of #1 Bop Shop Gas Cleaner / Between Tracks	E-Os-Spd-St-193	COG Drip Tank / Pit #300	COG Condensate	1,245	Drip Pit	Concrete	No Containment	Low	
Northeast Of Ej&E Transport Bldg / Across Road	E-Os-Spd-St-194	COG Drip Tank / Pit #401	COG Condensate	140	Drip Pit	Concrete	No Containment	Low	
Northeast Of Ej&E Transport Bldg	E-Os-Spd-St-195	COG Drip Tank / Pit #400	COG Condensate	1,400	Vault / Pit	Concrete	No Containment	Low	
North Of Stabilization Plant	E-Os-Spd-St-196	COG Drip Tank / Pit #Gw9	COG Condensate	355	Drip Pit	Concrete	No Containment	Low	
North Of Stabilization Plant	E-Os-Spd-St-197	COG Drip Tank / Pit #Gw8	COG Condensate	1,245	Vault / Pit	Concrete	No Containment	Low	
Southwest Of #1 Bop Shop Washhouse Acroos Road	E-Os-Spd-St-198	COG Drip Tank / Pit #Gw7	COG Condensate	1,210	Vault / Pit	Concrete	No Containment	Low	
West Of Recycle Basin By Tunnel Near Walkway	E-Os-Spd-St-199	COG Drip Tank / Pit #Gw4	COG Condensate	2,715	Vault / Pit	Concrete	No Containment	Low	
100' West Of Pit #Gw4	E-Os-Spd-St-200	COG Drip Tank / Pit #Gw5	COG Condensate	480	Vault / Pit	Concrete	No Containment	Low	
West Of Coke Plant Fire Station	E-Os-Spd-St-201	COG Drip Tank / Pit #Gw2	COG Condensate	1,915	Vault / Pit	Concrete	No Containment	Low	
FRont Of Coke Chemical Lab	E-Os-Spd-St-202	COG Drip Tank / Pit #Sm2	COG Condensate	1,010	Vault / Pit	Concrete	No Containment	Low	
FRont Of Coke Chemical Lab	E-Os-Spd-St-203	COG Drip Tank / Pit #Sm1	COG Condensate	4,670	Vault / Pit	Concrete	No Containment	Low	
Northeast Side Of Boat Slip Near Lake	E-Os-Spd-St-204	COG Drip Tank / Pit #Sw5	COG Condensate	1,375	Vault / Pit	Concrete	No Containment	High	
	E-Os-Spd-St-325	Ferramean COG 9016 At No. 2 Boiler House	Ferramean	1,000	AST	Fiberglass Reinforced Plastic	Plastic Box	Low	
Sheet									
Outside #5 Stand / Southeast Corner Oil Storage	E-Sh-Nsm-Ls-059	Mineral Spirits Loading Station	Diesel Fuel & Gasoline	6,000	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Outside #5-Stand	E-Sh-Nsm-Ls-060	Diesel Fuel Unloading Station	Diesel Fuel	6,000	Unloading Station		No Containment	Low	
Outside #5 Stand - Se Corner Oil Storage	E-Sh-Nsm-Ls-088	Mineral Spirits Truck Unloading	Mineral Spirits	6,000	Unloading Station		No Containment	Low	
Southwest Corner Of Nsm	E-Sh-Nsm-Pt-001	Slushing Oil Tank	Coating Oil	7,500	Coating System	Welded Steel	Bldg / Sump	Low	
Column Row U / Column 69 - Sw	E-Sh-Nsm-Pt-017	Coating Oil Tank	Coating Oil	500	Coating System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row U / Column 68 - Sw	E-Sh-Nsm-Pt-018	Hydraulic Oil Tank	Hydraulic Oil	400	Hydraulic System	Welded Steel	Bsmt	Negligible (Terrain Retains)	
Coil Storage	E-Sh-Nsm-Pt-053	Hydraulic Oil Tank	Hydraulic Oil	1,000	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-Pt-054	Mineral Spirits Accumulator Tank	Mineral Spirits	220	Accumulator	Welded Steel	Bldg / Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-Pt-061	Rolling Oil Heater Tank	Rolling Oil	350	Rolling Oil System	Welded Steel	Metal Box	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-063	Industrial Oil Tank South	American Industrial Oil	2,800	Holding Tank	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-064	Industrial Oil Tank North	American Industrial Oil	2,800	Holding Tank	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row B / Column 110 - Central Hydraulic	E-Sh-Nsm-Pt-065	#5 Stand Hydraulic Oil Accumulator	Hydraulic Oil	1,000	Accumulator	Welded Steel	Bsmt / Sump	Low	
Column Row B / Column 110 - Central	E-Sh-Nsm-Pt-066	Hydraulic Oil Tank	Hydraulic Oil	6,500	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
Column Row V / Column 105	E-Sh-Nsm-Pt-073	Hydraulic Oil Tank East	Hydraulic Oil	400	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
Column Row U / Column 104	E-Sh-Nsm-Pt-074	Hydraulic Oil Tank West	Hydraulic Oil	400	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
Column Row U / Column 102 - Roll Shop	E-Sh-Nsm-Pt-075	Progrind 357 Coolant Tank (Tote)	Grinding Solution	330		Welded Steel	Poly Box	Negligible (Terrain Retains)	
Column Row U / Column 104 - Bsmt	E-Sh-Nsm-Pt-079	North Solution Rolling Oil Tank	Water / Rolling Oil	24,000	Rolling Oil System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row U / Column 104 - Bsmt	E-Sh-Nsm-Pt-080	South Solution Rolling Oil Tank	Water / Rolling Oil	24,000	Rolling Oil System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-	Hot Water Tank	Rolling Oil	24,000	Rolling Oil	Welded Steel	Bsmt / Sump	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	081				System				
5 Stand Bsmt	E-Sh-Nsm-Pt-082	Waste Water Tank	Rolling Oil	24,000	Rolling Oil System	Welded Steel	Bsmt / Sump	Low	
5 Stand Bsmt	E-Sh-Nsm-Pt-083	Mineral Oil Tank	Mineral Oil	400	Holding Tank	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-084	Mineral Oil Tank	Mineral Oil	1,000	Holding Tank	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Roll Balance	E-Sh-Nsm-Pt-085	Roll Balance Solution	Hydraulic Oil / Hydraulic Balance	1,600	Hydraulic System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Roll Bsmt	E-Sh-Nsm-Pt-086	System 1 Morgoil Tank 1	Mobil Vaculine 146 Oil	6,200	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-087	System 1 Morgoil Tank 2	Mobil Vaculine 146 Oil	6,200	Lubrication System	Welded Steel	Bsmt	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-088	System 2 Morg Oil Tank 1	Vacuoline 533 Oil	24,000	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-089	System 2 Morg Oil Tank 2	Vacuoline 533 Oil	24,000	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-090	System 2 Hydraulic Oil Accumulator Tank	Vacuoline 533 Oil	400	Accumulator	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
5 Stand Bsmt	E-Sh-Nsm-Pt-091	System 3 Gear Lube Tank 1	Gear Oil	4,500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Lube Bsmt	E-Sh-Nsm-Pt-092	System 3 Gear Lube Tank 2	Gear Oil	4,500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Lube Bsmt	E-Sh-Nsm-Pt-093	System 4 Gear Lube Tank 1	Gear Oil	4,500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Lube Bsmt	E-Sh-Nsm-Pt-094	System 4 Gear Lube Tank 2	Gear Oil	4,500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row W / Column 84	E-Sh-Nsm-Pt-101	Temper Mill Hydraulic Accumulator	Hydraulic Oil	1,100	Accumulator	Welded Steel	Bsmt	Negligible (Terrain Retains)	
Column Row W / Column 84	E-Sh-Nsm-Pt-103	Central Hydraulic Reservoir	Hydraulic Oil	6,600	Hydraulic System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row V /	E-Sh-Nsm-Pt-	Mineral Spirits Tank	Mineral	600	Holding Tank	Welded Steel	Bsmt	Negligible	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column 82	106		Spirits					(Terrain Retains)	
Column Row V / Column 81 And 82	E-Sh-Nsm-Pt-107	Temper Mill Askania Tank	Hydraulic Fluid	450	Hydraulic System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-108	Roll Balance Tank	Hydraulic Oil	950	Hydraulic System	Welded Steel	Bsmt	Negligible (Terrain Retains)	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-109	No. 1 Morg Oil Tank	Morg Oil	5,000	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-110	No. 2 Morg Oil Tank	Morg Oil	5,000	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-111	No. 1 Gear Oil Tank	Gear Oil	1,500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-112	No. 2 Gear Oil Tank	Gear Oil	1,500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-113	Aquatemp Solution Tank East	Rolling Oil	2,000	Rolling Oil System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-114	Aquatemp Solution Tank West	Rolling Oil	2,000	Rolling Oil System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-115	No. 1 Motor Lube Tank	Lube Oil	700	Lubrication System	Welded Steel	Bsmt / Sump	Low	
80" Temper Mill Bsmt	E-Sh-Nsm-Pt-116	No. 2 Motor Lube Tank	Lube Oil	700	Lubrication System	Welded Steel	Bsmt / Sump	Low	
North Of Belt Wrapper Cage	E-Sh-Nsm-Pt-117	Process Oil Tank	Coating Oil	450	Coating System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
North Of Belt Wrapper Cage	E-Sh-Nsm-Pt-118	Prelube Oil Tank	Coating Oil	250	Coating System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row V / Column 78 - West Of Belt Wrapper Cage	E-Sh-Nsm-Pt-119	Coating Oil Tank	Naptha Solvent	750	Coating System	Welded Steel	Tray / Bsmt / Sump	Negligible (Terrain Retains)	
Column Row V / Column 78 - West Of Belt Wrapper Cage	E-Sh-Nsm-Pt-120	Coating Oil Tank	Naptha Solvent	800	Coating System	Welded Steel	Tray / Bsmt / Sump	Negligible (Terrain Retains)	
Column Row V / Column 79 - West	E-Sh-Nsm-Pt-121	Prelube Tote	Prelube Coating Oil	275		Welded Steel	Bsmt	Negligible (Terrain	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Of Belt Wrapper Cage								Retains)	
80" Temper Mill - West Of Belt Wrapper Cage	E-Sh-Nsm-Pt-122	Aquatemp Concentrate Tanks (Tote)	Rolling Solution	7,500	Holding Tank	Welded Steel	Trench / Bsmt / Sump	Negligible (Terrain Retains)	
80" Temper Mill - West Of Belt Wrapper Cage	E-Sh-Nsm-Pt-123	Aquatemp Concentrate Tanks (Tote)	Rolling Solution	7,500	Holding Tank	Welded Steel	Trench / Bsmt / Sump	Negligible (Terrain Retains)	
Column Row V / Column 78 - West Of Belt Wrapper Cage	E-Sh-Nsm-Pt-372	Hydraulic Oil Accumulator Tank	Hydraulic Oil	110	Accumulator	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row U / Column 68	E-Sh-Nsm-Pt-378	#1 And #2 Askania Pump	Hydraulic Oil	350	Hydraulic System	Welded Steel	Bsmt	Negligible (Terrain Retains)	
Column Row U / Column 68	E-Sh-Nsm-Pt-379	Hydraulic Oil Tank Recoil Line	Hydraulic Oil	500	Hydraulic System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row U / Column 106 - Roll Shop	E-Sh-Nsm-Sa-071	Mobil Grease Hts Tote	Grease	600	Totes & Drums	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row U / Column 106 - Roll Shop	E-Sh-Nsm-Sa-072	Mobil Grease Hts Tote	Grease	600	Totes & Drums	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row W / Column 86 - At 13 Air Compressor	E-Sh-Nsm-Sa-374	Used Oil Drum At 13 Air Compressor	See DSA Inventory	55	Drums	Welded Steel	4 Drum Pallet	Negligible (Terrain Retains)	
Column Row W / Column 86 - At 13 Air Compressor	E-Sh-Nsm-Sa-375	Used Oil Drum At 13 Air Compressor	See DSA Inventory	55	Drums	Welded Steel	4 Drum Pallet	Negligible (Terrain Retains)	
Column Row U / Column 72	E-Sh-Nsm-Sa-376	Drum At Nsm Recoil Line	See DSA Inventory	55	Drums	Welded Steel	Spill Pallet	Low	
Column Row U / Column 68	E-Sh-Nsm-Sa-377	Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Enpac Polly Dolly	Negligible (Terrain Retains)	
Column Row U / Column 92	E-Sh-Nsm-Sa-381	Nsm Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Enpac Polly Dolly	Low	
Column Row U / Column 100	E-Sh-Nsm-Sa-385	Nsm Lube Oil Drum	See DSA Inventory	55	Drums	Welded Steel	Enpac Polly Dolly	Negligible (Terrain Retains)	
Column Row U / Column 100	E-Sh-Nsm-Sa-386	Nsm Recoil Lube Oil Drum	See DSA Inventory	55	Drums	Welded Steel	Enpac Polly Dolly	Negligible (Terrain Retains)	
Column Row U / Column 100	E-Sh-Nsm-Sa-387	Nsm Recoil Oil Drum	See DSA Inventory	55	Drums	Welded Steel	Drum Cart	Negligible (Terrain Retains)	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	E-Sh-Nsm-Ss-053	Substation No. 53	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
	E-Sh-Nsm-Ss-054	Substation No. 54	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Column Row Y / Column 92 - North Of North Temper Mill	E-Sh-Nsm-Ss-055	Substation No. 55			Transformer	Welded Steel	1) Bldg Floor / Outside; 2) Bldg Floor / Roll Shop / Annealing / Temper Mill Floor / Bsmt / N Sheet Oily Waste Separator; 3) Bldg Floor / Electrical Manholes / ???	Low	
North Sheet / 5 Stand / East End	E-Sh-Nsm-Ss-056	Substation No. 56	PCB		Transformer	Welded Steel	Bldg Floor / Roll Up Door / Ground (Erp) Or Bldg Floor / Cable Trenches / Hydraulic Bsmt / Oily Waste Separator	Low	
North Sheet Mill	E-Sh-Nsm-Ss-066	Substation No. 66	Silicone		Transformer	Welded Steel	No Containment	Low	
Column Row V / Column 74 - Nw Corner Temper Mill	E-Sh-Nsm-St-012	Proclean A Cleaning Solvent Tank	Soap	400	Tote	Welded Steel	Bldg	Medium	N2: Mobile container procedure
Column Row V / Column 74 - Nw Corner Temper Mill	E-Sh-Nsm-St-013	Proclean A Cleaning Solvent Tank	Soap	400	Tote	Welded Steel	Bldg	Medium	N2: Mobile container procedure
Column Row U / Column 69 - Sw	E-Sh-Nsm-St-016	Fuchs Oil Tank	Coating Oil	500	Tote	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row U / Column 68 - Sw	E-Sh-Nsm-St-019	Rust Inhibitor Tank	Rust Inhibitor / Anticorosant	500	Tote	Welded Steel	Tray / Bsmt / Sump	Negligible (Terrain Retains)	
Coil Storage	E-Sh-Nsm-St-045	Gear Oil Tank	Gear Oil	5,000	AST	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-St-046	DTE 24 Oil Tank	Hydraulic Oil	5,000	AST	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-St-047	Soluble Oil Tank	Soluble Oil	5,000	AST	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-St-048	Rolling Oil D.A. Tank	Rolling Oil	5,000	AST	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-St-049	Rolling Oil Recirculation Tank	Rolling Oil	5,000	AST	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-St-050	DTE 24 Oil Tank	Hydraulic Oil	1,000	AST	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-St-052	Gear Oil Tank	Gear Oil	1,000	AST	Welded Steel	Bsmt / Sump	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Coil Storage	E-Sh-Nsm-St-056	Grease Tank	Grease	2,500	AST	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-St-057	Rolling Oil Tank No. 1	Rolling Oil	5,000	AST	Welded Steel	Bsmt / Sump	Low	
Coil Storage	E-Sh-Nsm-St-058	Rolling Oil Tank No. 2	Rolling Oil	5,000	AST	Welded Steel	Bsmt / Sump	Low	
Outside Se Corner Oil Storage	E-Sh-Nsm-St-059	Mineral Spirits Tank	Mineral Spirits	9,500	AST	Welded Steel	Concrete Walls	Low	
Outside #5 Stand / Outside Se Corner Oil Storage	E-Sh-Nsm-St-060	Diesel Fuel Tank	Diesel Fuel	8,000	AST	Welded Steel	Earth Berm/Dike	Medium	N1: Loading/unloading procedure; N9: SPCC inspections
Column Row U / Column 106 - Roll Shop	E-Sh-Nsm-St-068	Hydraulic Oil Tote	Hyd Oil Aw 32	700	Tote	Welded Steel	Bsmt / Sump	Low	
Column Row U / Column 106 - Roll Shop	E-Sh-Nsm-St-069	Hydraulic Oil Tote	Hyd Oil Aw 32	700	Tote	Welded Steel	Bsmt / Sump	Low	
Column Row U / Column 106 - Roll Shop	E-Sh-Nsm-St-070	Hydraulic Oil Tote	Hyd Oil Aw 32	700	Tote	Welded Steel	Bsmt / Sump	Low	
Column Row U / Column 100 - Roll Shop	E-Sh-Nsm-St-076	Cleaning Solution Tank	Soap	600	Tote	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row U / Column 100 - Roll Shop	E-Sh-Nsm-St-077	Cleaning Solution Tank	Soap	600	Tote	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row V / Column 84	E-Sh-Nsm-St-104	Abr Surf Clean Cleaning Solvent	Cleaning Solution Solvent	300	AST	Ldpe Plastic	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row V / Column 80 - South Of Vending Machines	E-Sh-Nsm-St-124	Gear Lube Tote	Gear Oil	600	Tote	Welded Steel	Bsmt / Sump	Low	
Column Row W / Column 86	E-Sh-Nsm-St-125	Motor Oil Tank	Lube Oil	250	AST	Welded Steel	Steel Box	Negligible (Terrain Retains)	
Column Row W / Column 86	E-Sh-Nsm-St-126	Motor Oil Tank	Lube Oil	250	AST	Welded Steel	Steel Box	Negligible (Terrain Retains)	
Column Row V / Column 74 - West End	E-Sh-Nsm-St-370	80" Temper Mill Tote Storage	Oil / Solvent / Cleaners	700	Tote	Welded Steel / Ldpe	No Containment	Low	
Column Row V / Column 74 - West End	E-Sh-Nsm-St-371	Proclean Cleaning Solvent Tote	Proclean Cleaning Solvent	400	Tote	Welded Steel	No Containment	Medium	N2: Mobile container procedures
Column Row W /	E-Sh-Nsm-St-	Tote Storage	Hyd Oil /	350	Tote	Welded Steel	Bsmt / Sump	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column 82	373		Mineral Spirits						
Column Row V / Column 92	E-Sh-Nsm-St-380	Proclean 357 Solvent Tote For Roll Shop Grinders	Proclean 357 Solvent	750	Tote	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row U / Column 94	E-Sh-Nsm-St-382	Nsm Tote	Proclean 357 Solvent	750	Tote	Welded Steel	Plastic Box	Negligible (Terrain Retains)	
Column Row U / Column 92	E-Sh-Nsm-St-383	Way Oil Tote	Way Oil	450	Tote	Welded Steel	Trench / Sump	Low	
Column Row U / Column 98	E-Sh-Nsm-St-384	Spindle Oil Tote	Spindle Oil	450	Tote	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Ls-012	Egl Process Oil Loading Station	Process Oil	5,000	Unloading Station		Concrete Pad / Sump	Negligible	
	E-Sh-Ssm-Pt-003	Egl Exit Tension Coiler	Egli Oil	275	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-005	Egl Tension Roller Hydraulic System	Hydraulic Oil	650	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-006	Egl Exit End Coilers Gear Box	Gear Oil	300	Gear Box	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-007	Egl Exit Hydraulic Tank & Overflow	Hydraulic Oil	350	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-008	Degreaser Cleaner Tank	Hydraulic Oil	1,650	Accumulator	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-009	Used Oil Tank	Used Oil	1,300	Accumulator	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-010	Exit End Used Oil Collection Tank	Used Oil	275	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-011	Side Trimmer Lube Tank	Lube Oil	120	Lubrication System	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-012	Egl Process Oil Tank	Egli Oil	10,000	Oil Reservoir	Welded Steel	Bsmt Is Containment For AST, Inside Piping, Unloading Station, & Approximately 140' Of 2" Pipe Outside Of The Bldg	Low	
	E-Sh-Ssm-Pt-013	Prelube Oil Tank	Lube Oil	15,000	Oil Reservoir	Welded Steel	Concrete Curbing	Moderate At Ls	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Sh-Ssm-Pt-014	Egl Guide Lube System	DTE 34 Hydraulic Oil	70	Hydraulic System	Welded Steel	9 Individual Sys Throughout The Line Any Leaks Would End Up In Bsmt / Sump / Ttp	Low	
	E-Sh-Ssm-Pt-015	Entry End Coiler	Gear Oil	480	Gear Box	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-016	Coating Oil Tank	Coating Oil	550	Coating System	Welded Steel	Bsmt / Sump	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	E-Sh-Ssm-Pt-018	Entry End Hydraulic Accumulator	Hydraulic Oil	420	Accumulator	Welded Steel	Bsmt / Sump	Low	
Egl Caster	E-Sh-Ssm-Pt-019	Egl Caster Hydraulic Oil Tank	Hydraulic Oil	2,500	Hydraulic System	Welded Steel	AST & Caster Area On Collection Trench To Sumps To Ttp / Tote Is On Skid Pad	Low	
Egl Caster	E-Sh-Ssm-Pt-020	Hydraulic Oil Accumulator Tank	Hydraulic Oil	500	Accumulator	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-089	Egl Exit Tension Reels (Tote)	Coating Oil	350	Coating System	Riveted Steel	Curbing / Bldg / Bsmt / Sump / Ttp	Low	
	E-Sh-Ssm-Pt-090	Egl Tension Roller Hydraulic System	Hydraulic Oil	300	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
Column Row D / Column 19 - South	E-Sh-Ssm-Pt-214	Aqua Lube Tank	Rolling Oil	450	Rolling Oil System	Welded Steel	Concrete Walls / Trenching / Drains Into Bsmt	Negligible (Terrain Retains)	
Column Row B / Column 19	E-Sh-Ssm-Pt-219	Hydraulic Oil Tank	Hydraulic Oil	3,300	Hydraulic System	Welded Steel	Trench / Bsmt / Sump	Negligible (Terrain Retains)	
Column Row B / Column 19	E-Sh-Ssm-Pt-220	Hydraulic Oil Tank	Hydraulic Oil	1,000	Hydraulic System	Welded Steel	Bldg / Bsmt	Medium	
Column Row B / Column 19	E-Sh-Ssm-Pt-221	Hydraulic Oil Tank	Hydraulic Oil	585	Hydraulic System	Welded Steel	Plastic Box / Bldg	Negligible (Terrain Retains)	
	E-Sh-Ssm-Pt-222	Hydraulic Oil Tank	Hydraulic Oil	200	Hydraulic System	Welded Steel	Trench / Bsmt / Sump	Negligible (Terrain Retains)	
2-Stand Hydraulic Bsmt	E-Sh-Ssm-Pt-223	Aqua Lube Tank	Rolling Oil Quaker Qwerl	550	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
2-Stand Hydraulic Bsmt	E-Sh-Ssm-Pt-224	Aqua Lube Tank	Rolling Oil Quaker Qwerl	550	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
2-Stand Rolling Bsmt	E-Sh-Ssm-Pt-226	Circ. Lube Tank East	Lube Oil	1,500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
2-Stand Rolling Bsmt	E-Sh-Ssm-Pt-227	Circ. Lube Tank West	Lube Oil	1,500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
2-Stand Rolling Bsmt	E-Sh-Ssm-Pt-228	Lube Oil Accumulator Tank	Lube Oil	175	Accumulator	Welded Steel	Bsmt / Sump	Low	
Column Row E / Column 23 - Warehouse	E-Sh-Ssm-Pt-231	Ssm 2-Stand Warehouse Mineral Spirits Tank (Tote)	Mineral Spirits / Safety Kleen	600		Welded Steel	Steel Rectangular Box	Low	
Column Row D / Column 31 - Warehouse	E-Sh-Ssm-Pt-233	Hydraulic Oil Tank	Hydraulic Oil	500	Hydraulic System	Welded Steel	Hdpe Plastic Tank	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column Row 1 / Column 101-104	E-Sh-Ssm-Pt-246	Soluble Oil Tank #1	Soluable Oil	8,500		Welded Steel	Concrete Walls	Low	
Column Row K / Column 113 -	E-Sh-Ssm-Pt-247	Hydraulic Oil Tank	Hydraulic Oil	275	Hydraulic System	Welded Steel	Steel Box / Bldg	Low	
Column Row K / Column 107	E-Sh-Ssm-Pt-248	Coating Oil Tank	Coating Oil	400	Coating System	Welded Steel	Metal Box / Bldg	Negligible (Terrain Retains)	
Column Row K / Column 105	E-Sh-Ssm-Pt-252	Hydraulic Oil Tank	Hydraulic Oil	250	Hydraulic System	Welded Steel	Steel Box	Negligible (Terrain Retains)	
Hydraulic Bsmt	E-Sh-Ssm-Pt-253	Lube Oil Tank	Lube Oil	500	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Hydraulic Bsmt	E-Sh-Ssm-Pt-254	Gear Oil Tank	Gear Oil	800	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Hydraulic Bsmt	E-Sh-Ssm-Pt-255	Roll Balance Tank	Hydraulic Oil	1,200	Hydraulic System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Hydraulic Bsmt	E-Sh-Ssm-Pt-256	Hydraulic Oil Accumulator Tank	Hydraulic Oil	1,500	Accumulator	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Hydraulic Bsmt	E-Sh-Ssm-Pt-257	Hydraulic Oil Accumulator Tank	Hydraulic Oil	1,500	Accumulator	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Hydraulic Bsmt	E-Sh-Ssm-Pt-258	Main Hydraulic Tank	Hydraulic Oil	1,800	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-259	Soluble Oil/Water Tank	Soluable Oil	12,000		Welded Steel	Bsmt / Sump	Low	
Column Row K / Column 95	E-Sh-Ssm-Pt-260	Light Grade Oil Tank	Light Oil	600		Welded Steel	Bsmt / Sump	Low	
Column Row K / Column 95	E-Sh-Ssm-Pt-261	Lube Oil Tank	Hydraulic Oil	200	Lubrication System	Welded Steel	Bsmt / Sump	Low	
	E-Sh-Ssm-Pt-272	Hydraulic Oil Tank At No. 2 Tension Reel	Hydraulic Oil	250	Hydraulic System	Welded Steel	Bsmt / Sump	Low	
Column Row D / Column 69	E-Sh-Ssm-Pt-273	Lube Oil Tank	Lube Oil	350	Lubrication System	Welded Steel	Bsmt	Low	
Column Row D / Column 69 - South	E-Sh-Ssm-Pt-285	#2 Tension Reel Edge Guide	Hydraulic Oil	179	Hydraulic System	Welded Steel	Bsmt	Negligible (Terrain Retains)	
Column Row D / Column 69 - South	E-Sh-Ssm-Pt-286	Hydraulic 6 Galvanized	Hydraulic Oil	200	Hydraulic System	Welded Steel	Bsmt	Low	
Entry To Hydraulic Bsmt	E-Sh-Ssm-Pt-299	Hydraulic Oil Accumulator Tank	Hydraulic Oil	225	Accumulator	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Main Hydraulic	E-Sh-Ssm-Pt-	Hydraulic Oil / Water Mix	Soluable Oil	800	Hydraulic	Welded Steel	Bsmt	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Mixing Area	301	Tank			System				
Main Hydraulic Mixing Area	E-Sh-Ssm-Pt-302	Hydraulic Oil Accumulator Tank	Hydraulic Oil	225	Accumulator	Welded Steel	Trench	Low	
Delivery End Bsmt	E-Sh-Ssm-Pt-304	Hydraulic Oil Accumulator Tank	Hydraulic Oil	225	Accumulator	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Delivery End	E-Sh-Ssm-Pt-305	Hydraulic Oil Tank	Hydraulic Oil	225	Hydraulic System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Delivery End	E-Sh-Ssm-Pt-312	Hydraulic Oil Tank	DTE Medium 20w	400	Hydraulic System	Welded Steel	Bldg	Low	
Delivery End	E-Sh-Ssm-Pt-313	Hydraulic Oil Tank	Hydraulic Oil	400	Hydraulic System	Welded Steel	Plastic Box	Low	
Column Row Cc / Column 66 - Entry End	E-Sh-Ssm-Pt-314	No. 2 Pay-Off Tank	Hydraulic Oil	350	Hydraulic System	Welded Steel	Trench / Bsmt / Sump	Low	
Column Row Cc / Column 66 - Entry End	E-Sh-Ssm-Pt-315	No. 1 Pay-Off Tank	Hydraulic Oil	350	Hydraulic System	Welded Steel	Trench / Bsmt / Sump	Low	
Column Row Dd / Column 66	E-Sh-Ssm-Pt-325	#2 Briddle Gear Oil Tank	Gear Oil	135	Recirculation Tank	Welded Steel	Trench / Bsmt / Sump	Low	
Column Row Cc / Column 66	E-Sh-Ssm-Pt-326	#2 Briddle Gear Oil Tank	Gear Oil	130		Welded Steel	Trench / Bsmt / Sump	Low	
Column Row Bc / Column 66-67 - South 30'	E-Sh-Ssm-Pt-328	#4 Briddle Roll Gear Box	Gear Oil	134	Gear Box	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row Ab / Column 66-67	E-Sh-Ssm-Pt-329	#5 Briddle Roll Gear Box	Gear Oil	134	Gear Box	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row Bc / Column 64	E-Sh-Ssm-Pt-330	#7 Briddle Gear Oil Tank	Gear Oil	67	Recirculation Tank	Welded Steel	Bsmt	Low	
Column Row Bc / Column 64 - Delivery End	E-Sh-Ssm-Pt-331	#7 Hydraulic Oil Tank	Hydraulic Oil	90		Welded Steel	Bldg	Low	
	E-Sh-Ssm-Pt-332	Gear Oil For #6 Briddle	Gear Oil	90	Recirculation Tank	Welded Steel	Bsmt	Low	
Column Row Dd / Column 62	E-Sh-Ssm-Pt-333	Gear Oil Tank #2 Briddle	Gear Oil	90	Lubrication System	Welded Steel	Bsmt	Low	
Column Row Dd / Column 62	E-Sh-Ssm-Pt-334	Gear Oil Recirculating Tank #1 Briddle	Gear Oil	90	Recirculation Tank	Welded Steel	Bsmt	Low	
Column Row Cc / Column 62	E-Sh-Ssm-Pt-335	Payoff Reel Gear Box #1	Gear Oil	165	Gear Box	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
	E-Sh-Ssm-Pt-336	Payoff Reel Gear Box #2	Gear Oil	165	Gear Box	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column Row Bc / Column 66	E-Sh-Ssm-Pt-337	Gear Box Oil For Briddle Roll	Gear Oil	95	Gear Box	Welded Steel	Trench / Bsmt	Negligible (Terrain Retains)	
Column Row E / Column 33 - Warehouse	E-Sh-Ssm-Pt-356	Ssm 2 Stand Rust Inhibitor Dipping Tank	Rust Inhibitor Oil	1,750	Recirculation Tank	Welded Steel	Bldg	Low	
2-Stand Temper Mill Bsmt	E-Sh-Ssm-Pt-358	Roll Balance Hyd	Hydraulic Oil	260	Hydraulic System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Column Row J / Column 93 -	E-Sh-Ssm-Pt-361	Hydraulic Unit Tank Hot Roll Product Combo Line	Mineral Oil	85	Hydraulic System	Welded Steel	Trench / Bsmt / Sump	Negligible (Terrain Retains)	
Column Row K / Column 91	E-Sh-Ssm-Pt-362	Hydraulic Unit Combo Line	Hydraulic Oil	150	Hydraulic System	Welded Steel	Trench / Bsmt / Sump	Negligible (Terrain Retains)	
Column Row K / Column 105	E-Sh-Ssm-Pt-367	Hydraulic Oil Tank	Hydraulic Oil	140	Hydraulic System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
Hydraulic Bsmt	E-Sh-Ssm-Pt-369	84" Temper Mill Lube Oil Tank	Lube Oil	280	Lubrication System	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
	E-Sh-Ssm-Sa-001	Egl West End Drum / Tote Storage	See DSA Inventory	275	Totes / Drums	Welded Steel	Floor Trench / Bsmt / Sump / Ttp	Low	
Column Row K / Column 105	E-Sh-Ssm-Sa-265	Used Oil Drum	See DSA Inventory	300	Totes / Drums	Welded Steel	No Containment	Negligible (Terrain Retains)	
Column Row Ab / Column 64	E-Sh-Ssm-Sa-324-A/B	Sheet 6 Line Totes & Drums Storage	See DSA Inventory	(See Notes)	Totes / Drums	Welded Steel	Bldg / Bsmt	Low	
Column Row Bc / Column 68 Bsmt - Bsmt Delivery End	E-Sh-Ssm-Sa-327	Excess Coating Oil Collection Tank	See DSA Inventory	55	Drums	Welded Steel	Drum Pallet / Trench / Bsmt / Sump	Negligible (Terrain Retains)	
Column Row D / Column 69	E-Sh-Ssm-Sa-338	8-Line Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	Bsmt / Sump	Low	
Column Row D / Column 19	E-Sh-Ssm-Sa-353	Ssm 2-Stand Semi-Synthetic Grease	See DSA Inventory	55	Drums	Welded Steel	Plastic Tray / Bldg	Low	
Column Row F / Column 16	E-Sh-Ssm-Sa-359	2-Stand Maintenance Area Drums	See DSA Inventory	55	Drums	Welded Steel	Plastic Box	Low	
Column Row G / Column 11 - North	E-Sh-Ssm-Sa-360	Tote & Barrel Storage North Of 2-Stand Maintenance Office	See DSA Inventory	55 Gal Drum / 500 Gal Tote	Totes / Drums	Welded Steel	Concrete Curbing	Low	
Column Row K / Column 105	E-Sh-Ssm-Sa-363	Ssm Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Plastic Tray	Low	
Column Row K / Column 105	E-Sh-Ssm-Sa-364	84" Temper Mill Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Plastic Tray / Bsmt	Negligible (Terrain Retains)	
Column Row K /	E-Sh-Ssm-Sa-	Hydraulic Oil Drum	See DSA	55	Drums	Welded Steel	Plastic Tray / Bsmt	Negligible	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column 107	366		Inventory					(Terrain Retains)	
Column Row K / Column 105	E-Sh-Ssm-Sa-368	84" Temper Mill Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	4 Drum Pallet	Low	
Column Row Bb / Column 12 - West End	E-Sh-Ssm-Ss-011	Substation No. 11 (South Sheet)	PCB		Transformer	Welded Steel	Bldg Floor - Not Impervious	Low	
Column Cc65	E-Sh-Ssm-Ss-013	Substation No. 13	PCB		Transformer	Welded Steel	No Containment	Low	
	E-Sh-Ssm-Ss-016	Substation No. 16 (Sheet Mill)	Mineral Oil		Transformer	Welded Steel	Curbing / Recessed Floor (2) - Both Drains To Storm Sewer	Low	
Column F50	E-Sh-Ssm-Ss-017	Substation No. 17	Mineral Oil		Transformer	Welded Steel	Curbing / Recessed Floor	Low	
Hot Roll Finishing / Column J76	E-Sh-Ssm-Ss-018	Substation No. 18	Mineral Oil		Transformer	Welded Steel	Curbing / Recessed Floor	Low	
West End Of Plant / South Of Egl Warehouse 30	E-Sh-Ssm-Ss-027	Substation No. 27	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
	E-Sh-Ssm-Ss-028	Substation No. 28	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Sanitary Lift Station (Buchanan Street)	E-Sh-Ssm-Ss-029	Substation No. 29	Mineral Oil / 1 PCB Contaminated		Transformer	Welded Steel	No Containment	Low	
Column Dd30	E-Sh-Ssm-Ss-033	Substation No. 33	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Column Dd2	E-Sh-Ssm-Ss-034	Substation No. 34	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Bsmt / Column Dd69	E-Sh-Ssm-Ss-043	Substation No. 43	R-Temp		Transformer	Welded Steel	Bsmt Floor / Sump Pump (Near Elevator) / Ttp - Or - Bsmt Floor / Electrical Troughs	Low	
Bsmt / Column Ab69	E-Sh-Ssm-Ss-045	Substation No. 45	R-Temp		Transformer	Welded Steel	Bsmt Floor / Exit Hydraulic Valve Stand Sump / Ttp - Or - Bsmt Floor Electrical Troughs / ???	Low	
Column Row Ab / Column 55	E-Sh-Ssm-Ss-046	Substation No. 46	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Column Row Bb / Column 20	E-Sh-Ssm-Ss-047	Substation No. 47	Silicone		Transformer	Welded Steel	Bldg Floor / Abandoned Bsmt (Sump Pump Not Operable)	Low	
Column Row Bb / Column 27 - East End	E-Sh-Ssm-Ss-047a	Substation No. 47a	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Column Z12	E-Sh-Ssm-Ss-065	Substation No. 65	Mineral Oil		Transformer	Welded Steel	No Containment	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Egl - East End	E-Sh-Ssm-Ss-071	Substation No. 71	Silicone		Transformer	Welded Steel	Bldg Floor / Entry Hydraulics Bsmt Sump / Ttp	Low	
Egl Bldg - East End	E-Sh-Ssm-Ss-072	Substation No. 72	Silicone		Transformer	Welded Steel	Bldg Floor / Ajax DCR Bsmt K Trench / Sump / Delivery Hydraulics Sump / Entry Hydraulics Sump / Ttp	Low	
Egl Bldg - West End	E-Sh-Ssm-Ss-073	Substation No. 73	Silicone		Transformer	Welded Steel	Bldg Floor / Ajax DCR Bsmt K Trench / Sump / Delivery Hydraulics Sump / Entry Hydraulics Sump / Ttp	Low	
Egl - No. 74 Substation	E-Sh-Ssm-Ss-074	Substation No. 74	Silicone		Transformer	Welded Steel	Bldg Floor / Entry Hydraulics Bsmt Sump / Ttp	Low	
Egl West End	E-Sh-Ssm-Ss-075	Substation No. 75	Mineral Oil		Transformer	Welded Steel	To Surrounding Stone/Concrete Area (Could Get Back In Bldg)	Low	
Egl - East End	E-Sh-Ssm-Ss-076	Substation No. 76	Silicone		Transformer	Welded Steel	Bldg Floor / Potential Path To Ground Outside	Low	
	E-Sh-Ssm-St-017	Hydraulic System Supply Tote	Hyd Oil	500	Tote	Welded Steel	Bsmt / Sump	Low	
Column Row D / Column 10	E-Sh-Ssm-St-201	Lube Oil Tank	Lube Oil	7,500	AST	Welded Steel	No Containment	Low	
Column Row D / Column 04	E-Sh-Ssm-St-202	Lube Oil Tank	Lube Oil	400	Tote	Welded Steel	Bldg	Negligible (Terrain Retains)	
Column Row D / Column 14	E-Sh-Ssm-St-203	Ferrocoat Oil Tank	Coating Oil	12,000	AST	Welded Steel	Cement Block Walls	Low	
Column Row D / Column 16 - West	E-Sh-Ssm-St-204	Ferrocoat Oil Tank	Coating Oil	300	Tote	Welded Steel	Bldg	Negligible (Terrain Retains)	
Column Row D / Column 16	E-Sh-Ssm-St-205	Grease Tote	Grease	550	Tote	Welded Steel	Bldg	Low	
Column Row D / Column 16	E-Sh-Ssm-St-206	Ferrocoat Oil Tank	Coating Oil	300	Tote	Ldpe Plastic	Plastic Container	Negligible (Terrain Retains)	
Column Row D / Column 16 - East	E-Sh-Ssm-St-208	Lube Oil Tote	Lube Oil	550	Tote	Welded Steel	Plastic Box / Bldg	Negligible (Terrain Retains)	
Column Row D / Column 16 - East	E-Sh-Ssm-St-209	Lube Oil Tote	Lube Oil	550	Tote	Welded Steel	Plastic Box	Negligible (Terrain Retains)	
Column Row D / Column 19	E-Sh-Ssm-St-211	Used Oil Tank	Used Oil	1,200	AST	Poly / Plastic	Steel Box	Negligible (Terrain	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
								Retains)	
Column Row D / Column 19 - South	E-Sh-Ssm-St-218	Aqua Lube Tank	Rolling Oil	7,600	AST	Welded Steel	Cement Block Walls	Low	
Column Row E / Column 23 - Warehouse	E-Sh-Ssm-St-232	Safety Kleen Solvent	Mineral Spirits / Safety Kleen	600	Tote	Welded Steel	Steel Rectangular Dike	Low	
Column Row E / Column 33 - Warehouse - West 15'	E-Sh-Ssm-St-234	Ferrocoat Oil Tank	Ferrocoat	275	Tote	Fiberglass Or Fiberglass Reinforced Plastic	Plastic Tank	Low	
2-Stand Warehouse Bay	E-Sh-Ssm-St-235	Ferrocoat 61	Rust Inhibitor / Anticorosant	3,500	AST	Welded Steel	Steel Box	Negligible (Terrain Retains)	
Column Row E / Column 31 - Warehouse	E-Sh-Ssm-St-236	Used Oil Tank	Used Oil	200	Tote	Hdpe	Plastic Skid / Tray / Bldg	Negligible (Terrain Retains)	
	E-Sh-Ssm-St-239	Kerosene Tank	Kerosene	2,000	AST	Welded Steel	Metal Box	Negligible (Terrain Retains)	
Column Row 1 / Column 101	E-Sh-Ssm-St-244	Ferrocoat Oil Tank #3	Coating Oil	5,500	AST	Welded Steel	Concrete Walls	Negligible (Terrain Retains)	
Column Row I / Column 101-104 - No. 4 & 7 Warehouse	E-Sh-Ssm-St-245	Lube Oil Tank #2	Lube Oil	5,000	AST	Welded Steel	Concrete Walls	Low	
Column Row K / Column 105	E-Sh-Ssm-St-249	Rolling Solution Tank	Rolling Oil	210	AST	Ldpe Plastic	Plastic Box	Negligible (Terrain Retains)	
Column Row K / Column 105	E-Sh-Ssm-St-251	Rolling Solution Tank	Rolling Oil	200	AST	Poly / Plastic	Plastic Box	Negligible (Terrain Retains)	
East	E-Sh-Ssm-St-262	Diesel Fuel Tank	Diesel Fuel	10000	AST	Welded Steel	Concrete Walls	Low	
Column Row Bc / Column 66 - 25' North	E-Sh-Ssm-St-274	Lube Oil Tank	Lube Oil	300	AST	Ldpe Plastic	Box	Low	
Column Row Bc / Column 66 - 25' North	E-Sh-Ssm-St-275	Used Oil Tank	Used Oil	1,000	AST	Ldpe Plastic	Ldpe Containment	Low	
Column Row Bc / Column 66 - 34' North	E-Sh-Ssm-St-276	Lube Oil Tote	Lube Oil	400	AST	Welded Steel	Ldpe Containment	Low	
Column Row Dd / Column 66 - Main Floor Furnace Area	E-Sh-Ssm-St-294	Water Sol. Metalworking Fluid Tank	Soluable Oil	300	AST	Ldpe Plastic	Plastic Tub	Negligible (Terrain Retains)	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column Row Dd / Column 52	E-Sh-Ssm-St-321	Lube Oil Tank	Petroleum Oil / Lube Oil	275	AST	Welded Steel	Steel Box Sanitary Sewer	Negligible (Terrain Retains)	
Column Row Dd / Column 52 - South Of Air Compressor	E-Sh-Ssm-St-340	Petroleum Based Grease Tank East Galvanized South Of Air Compressor	Grease	1,400	AST	Welded Steel	Bldg / Floor	Low	
Column Row Dd / Column 52 - South Of Air Compressor	E-Sh-Ssm-St-341	Lube Oil Tank At Air Compressor	Lube Oil	275	AST	Welded Steel	Steel Box / Sanitary Sewer	Negligible (Terrain Retains)	
Column Row Dd / Column 51 - Roll Shop	E-Sh-Ssm-St-342	Mineral Spirits At Rollshop For 2-Stand	Mineral Spirits	630	Tote	Welded Steel	Steel Box (For 3 Tanks)	Low	
Column Row Dd / Column 51 - Roll Shop	E-Sh-Ssm-St-343	Mineral Oil At Roll Shop For 2-Stand	Mineral Oil	630	Tote	Welded Steel	Steel Box (For 3 Tanks)	Low	
Column Row Dd / Column 51 - Roll Shop	E-Sh-Ssm-St-344	Mineral Spirits At Roll Shop For 2-Stand	Mineral Spirits	630	Tote	Welded Steel	Steel Box (For 3 Tanks)	Low	
Column Row Dd / Column 49	E-Sh-Ssm-St-345	2-Stand Grease Tote	Grease	945	Tote	Welded Steel	Bldg / Floor	Negligible (Terrain Retains)	
Column Row Cc / Column 39	E-Sh-Ssm-St-346	Light Oil (Metway 1000) At 2-Stand Roll Shop	Light Oil	630	Tote	Welded Steel	Steel Box (For 3 Tanks)	Negligible (Terrain Retains)	
Column Row Cc / Column 39	E-Sh-Ssm-St-347	Light Oil (Metway 1000) At 2-Stand Roll Shop	Light Oil	630	Tote	Welded Steel	Steel Box (For 3 Tanks)	Negligible (Terrain Retains)	
Column Row Cc / Column 39	E-Sh-Ssm-St-348	Light Oil (Metway 1000) At 2-Stand Roll Shop	Light Oil	630	Tote	Welded Steel	Steel Box (For 3 Tanks)	Negligible (Terrain Retains)	
Column Row Cc / Column 36 - Roll Shop	E-Sh-Ssm-St-349	Way Oil For Roll Shop 2 Line	Way Oil	630	Tote	Welded Steel	Steel Box	Negligible (Terrain Retains)	
Column Row Cc / Column 36 - Roll Shop	E-Sh-Ssm-St-350	Spindle Oil For Roll Shop 2 Line	Spindle Oil	630	Tote	Welded Steel	Steel Box	Negligible (Terrain Retains)	
Column Row Cc / Column 36 - Roll Shop	E-Sh-Ssm-St-351	Mineral Spirits For Roll Shop 2 Line	Mineral Spirits	630	Tote	Welded Steel	Steel Box	Negligible (Terrain Retains)	
Column Row D / Column 19 - West 20'	E-Sh-Ssm-St-352	2-Stand Ferrocoat Tank	Ferrocoat	730	AST	Welded Steel	Steel Tank / Bldg	Low	
Column Row D / Column 19 - 50' South / 10' East	E-Sh-Ssm-St-354	Quaker Chemical Tote At 2-Stand	Oil	300	Tote	Fiberglass Or Fiberglass Reinforced Plastic	Hdpe Tank / Bsmt / Sump	Low	
Column Row E /	E-Sh-Ssm-St-	Nox Rust Tank At 2-Stand	Rust Inhibitor	375	Tote	Welded Steel	Steel Box	Negligible	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Column 31	355	Temper Mill	Oil / Anticorosant					(Terrain Retains)	
Column Row D / Column 20	E-Sh-Ssm-St-357	Parifin-Based Tote Sotrage Delivery End 2-Stand	Schaffers Paraffin-Based Oils	700	Tote	Welded Steel	Bldg	Low	
Egl West End - Outside	E-Sh-Ssm-Xf-001	Egl Air Compressor Transformer	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Motor Room Bsmt	E-Sh-Ssm-Xf-002	#8 Galvanize Furnace Transformer (North)	Silicone		Transformer	Welded Steel	Bsmt Floor / Bsmt Sump / Ttp	Low	
Motor Room Bsmt	E-Sh-Ssm-Xf-003	#8 Galvanize Furnace Transformer (South)	Silicone		Transformer	Welded Steel	Bsmt Floor / Bsmt Sump / Ttp	Low	
Column H118	E-Sh-Ssm-Xf-004	U-2 Pit Transformer (West)	PCB	37	Transformer	Welded Steel	Bldg Floor / Electrical Manhole	Low	
Column H118	E-Sh-Ssm-Xf-005	U-2 Pit Transformer (East)	PCB	75	Transformer	Welded Steel	Bldg Floor / Electrical Manhole	Low	
Column Row Cc / Column 13 - Balcony	E-Sh-Ssm-Xf-006	South Sheet Sub No. 11 Lighting Xfmr 882	Mineral Oil		Transformer	Welded Steel	Sub 11 Roof / Bldg Floor / Bsmt Sump / Ttp	Low	
Column Row Cc / Column 13 - Balcony	E-Sh-Ssm-Xf-007	South Sheet Sub No. 11 Lighting Xfmr 883	Mineral Oil		Transformer	Welded Steel	Sub 11 Roof / Bldg Floor / Bsmt Sump / Ttp	Low	
Column Row Cc / Column 13 - Balcony	E-Sh-Ssm-Xf-008	South Sheet Sub No. 11 Lighting Xfmr 884	Mineral Oil		Transformer	Welded Steel	Sub 11 Roof / Bldg Floor / Bsmt Sump / Ttp	Low	
Column Row Cc / Column 13 - Balcony	E-Sh-Ssm-Xf-009	South Sheet Sub No. 11 Lighting Xfmr 885	Mineral Oil		Transformer	Welded Steel	Sub 11 Roof / Bldg Floor / Bsmt Sump / Ttp	Low	
Column Row Cc / Column 13 - Balcony	E-Sh-Ssm-Xf-010	South Sheet Sub No. 11 Lighting Xfmr 886	Mineral Oil		Transformer	Welded Steel	Sub 11 Roof / Bldg Floor / Bsmt Sump / Ttp	Low	
Column Row Cc / Column 13 - Balcony	E-Sh-Ssm-Xf-011	South Sheet Sub No. 11 Lighting Xfmr 887	Mineral Oil		Transformer	Welded Steel	Sub 11 Roof / Bldg Floor / Bsmt Sump / Ttp	Low	
West End / Platform Columns E8 To F8	E-Sh-Ssm-Xf-012	2 Stand Lighting West Balcony Xfmr 862	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
West End / Platform Columns E8 To F8	E-Sh-Ssm-Xf-013	2 Stand Lighting West Balcony Xfmr 863	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
West End / Platform Columns E8 To F8	E-Sh-Ssm-Xf-014	2 Stand Lighting West Balcony Xfmr 864	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
West End / Platform Columns E8 To F8	E-Sh-Ssm-Xf-015	2 Stand Lighting West Balcony Xfmr 865	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
West End /	E-Sh-Ssm-Xf-	2 Stand Lighting West	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor /	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Platform Columns E8 To F8	016	Balcony Xfmr 866					Bsmt Sump / Ttp		
West End / Platform Columns E8 To F8	E-Sh-Ssm-Xf-017	2 Stand Lighting West Balcony Xfmr 867	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
West End / Platform Columns E8 To F8	E-Sh-Ssm-Xf-018	2 Stand Lighting West Balcony Xfmr 868	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
West End / Platform Columns E8 To F8	E-Sh-Ssm-Xf-019	2 Stand Lighting West Balcony Xfmr 869	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
West End / Platform Columns E8 To F8	E-Sh-Ssm-Xf-020	2 Stand Lighting West Balcony Xfmr 870	Mineral Oil		Transformer	Welded Steel	Platform / Bldg Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-021	2 Stand Lighting East Balcony Xfmr 871	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-022	2 Stand Lighting East Balcony Xfmr 872	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-023	2 Stand Lighting East Balcony Xfmr 873	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-024	2 Stand Lighting East Balcony Xfmr 874	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-025	2 Stand Lighting East Balcony Xfmr 875	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-026	2 Stand Lighting East Balcony Xfmr 876	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-027	2 Stand Lighting East Balcony Xfmr 877	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-028	2 Stand Lighting East Balcony Xfmr 878	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-029	2 Stand Lighting East Balcony Xfmr 879	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To F33	E-Sh-Ssm-Xf-030	2 Stand Lighting East Balcony Xfmr 880	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	
East End / Platform / Columns E33 To	E-Sh-Ssm-Xf-031	2 Stand Lighting East Balcony Xfmr 881	Mineral Oil		Transformer	Welded Steel	Platform / Operating Floor / Bsmt Sump / Ttp	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
F33									
Hot Roll Finishing / No. 18 Substation / In Pit	E-Sh-Ssm-Xf-031s	S-Pit Lighting Transformer 905	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
G-Pit Bay Between South Sheet & Hot Rolling / Column H79	E-Sh-Ssm-Xf-032g	G-Pit Lighting Transformer 913	Mineral Oil		Transformer	Welded Steel	Pit Floor / Pit Sump / Ttp	Low	
Hot Roll Finishing / No. 18 Substation / In Pit	E-Sh-Ssm-Xf-032s	S-Pit Lighting Transformer 906	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
G-Pit Bay Between South Sheet & Hot Rolling / Column H79	E-Sh-Ssm-Xf-033g	G-Pit Lighting Transformer 914	Mineral Oil		Transformer	Welded Steel	Pit Floor / Pit Sump / Ttp	Low	
Hot Roll Finishing / No. 18 Substation / In Pit	E-Sh-Ssm-Xf-033s	S-Pit Lighting Transformer 907	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
G-Pit Bay Between South Sheet & Hot Rolling / Column H79	E-Sh-Ssm-Xf-034g	G-Pit Lighting Transformer Xxx	Mineral Oil		Transformer	Welded Steel	Pit Floor / Pit Sump / Ttp	Low	
Hot Roll Finishing / No. 18 Substation / In Pit	E-Sh-Ssm-Xf-034s	S-Pit Lighting Transformer 908	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
G-Pit Bay Between South Sheet & Hot Rolling / Column H79	E-Sh-Ssm-Xf-035g	G-Pit Lighting Transformer Xxx	Mineral Oil	33.6	Transformer	Welded Steel	Pit Floor / Pit Sump / Ttp	Low	
Hot Roll Finishing / No. 18 Substation / In Pit	E-Sh-Ssm-Xf-035s	S-Pit Lighting Transformer 909	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
Hot Roll Finishing / No. 18 Substation / In Pit	E-Sh-Ssm-Xf-036s	S-Pit Lighting Transformer 910	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-036x	X-Pit Transformer 922	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
Hot Roll Finishing / No. 18 Substation / In Pit	E-Sh-Ssm-Xf-037s	S-Pit Lighting Transformer 911	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-037x	X-Pit Transformer 923	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
Hot Roll Finishing / No. 18 Substation / In Pit	E-Sh-Ssm-Xf-038s	S-Pit Lighting Transformer 912	Mineral Oil		Transformer	Welded Steel	Pit Contains - No Outlet	Low	
X-Pit / Column	E-Sh-Ssm-Xf-	X-Pit Transformer 924	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
E58	038x						Operational) / Ttp		
X-Pit / Column E58	E-Sh-Ssm-Xf-039x	X-Pit Transformer 925	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-040x	X-Pit Transformer 926	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-041x	X-Pit Transformer 927	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-042x	X-Pit Transformer 928	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-043x	X-Pit Transformer 929	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-044x	X-Pit Transformer 930	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-045x	X-Pit Transformer 932	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-046x	X-Pit Transformer (82hh)	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-047x	X-Pit Transformer (84hh)	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-048x	X-Pit Transformer Xxx	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
X-Pit / Column E58	E-Sh-Ssm-Xf-049x	X-Pit Transformer (Ocb)	Mineral Oil		Transformer	Welded Steel	Pi Floor / Pit Sump (Not Operational) / Ttp	Low	
Steel									
North	E-Sp-Bopm-Ls-035A/035B	18-2 Warehouse Fueling Station	Diesel Fuel & Gasoline	6,000	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
	E-Sp-Bopm-Ls-052	Diesel & Gasoline Loading Station	Diesel Fuel & Gasoline	6,000	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
East Id Fan #2	E-Sp-Bopm-Pt-055	East Fan Fluid Drive Reservoir	Lube Oil	1,500	Drive	Welded Steel	No Containment	Low	
West Id Fan #2	E-Sp-Bopm-Pt-056	West Fluid Fan Drive Reservoir	Lube Oil	1,500	Oil Reservoir	Welded Steel	No Containment	Low	
	E-Sp-Bopm-Pt-124	South Desulf Skimmer Hydraulic Tank	Hydraulic Oil	67	Hydraulic System	Welded Steel	Floor/Bldg	Negligible (Terrain Retains)	
	E-Sp-Bopm-Pt-125	North Desulf Skimmer Hydraulic Tank	Hydraulic Oil	67	Hydraulic System	Welded Steel	Floor	Negligible (Terrain Retains)	
	E-Sp-Bopm-Sa-032	18-2 Warehouse Machinery Lubes	See DSA Inventory	55	Totes / Drums	Welded Steel	Bldg	Negligible (Terrain Retains)	
North Of 1-A Thickener	E-Sp-Bopm-Sa-054	Drum Storage At North 1-A Thickener	See DSA Inventory	55	Totes / Drums	Welded Steel	Plastic Tray	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Ts-366 Outside Of Pump Room W	E-Sp-Bopm-Sa-057	Drum Storage Are At #2 Qbop Gas Cleaner	See DSA Inventory	55	Totes / Drums	Welded Steel	Bldg	Negligible (Terrain Retains)	
Pump Room	E-Sp-Bopm-Sa-059	Drum Storage At Qbop Gas Cleaner Pump Room	See DSA Inventory	55	Totes / Drums	Welded Steel	Spill Pallet	Negligible (Terrain Retains)	
	E-Sp-Bopm-Sa-120	18-2 Warehouse Steel Producing Spares DSA	See DSA Inventory	>500	Totes / Drums	Welded Steel / Poly / Plastic	Bldg	Low	
East Of No. 1 Caster	E-Sp-Bopm-Ss-1Bd	#1-Bop Desulf Substation	Silicone		Transformer	Welded Steel	No Containment	Low	
	E-Sp-Bopm-St-035A	18-2 Warehouse Diesel Tank	Diesel Fuel	300	AST	Welded Steel	Steel Box	Low	
	E-Sp-Bopm-St-035B	18-2 Warehouse Gasoline Tank	Gasoline	300	AST	Welded Steel	Steel Box	Low	
South Of South Cooling Tower	E-Sp-Bopm-St-052	Fuel Tank	Diesel Fuel	250	AST	Welded Steel	Steel Box	Low	
West Side Of Gas Cleaner Bldg	E-Sp-Bopm-St-088	Q-Bop Gas Cleaner Used Oil Tank	Empty (Used Oil)	3,000	AST	Welded Steel	Bldg / Gas Cleaner Water Treatment	Low	
	E-Sp-Bopm-St-126	Desulf Tilt Car Hydraulic Tank	Hydraulic Fluid	1,100	AST	Welded Steel	Concrete Walls	Negligible (Terrain Retains)	
Ne Of Mold Bldg	E-Sp-Bops-Ls-015A/015B/016	Lube Oil / Grease Unloading Station	Lube Oil / Grease	5,000	Unloading Station		No Containment	Low	
South Of Mold Yard	E-Sp-Bops-Ls-025	Diesel Loading Station	Diesel Fuel	6,000	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Ne Of Mold Bldg	E-Sp-Bops-Pt-015B	Lube Oil Storage Tank B	Lube Oil	400	AST	Welded Steel	No Containment	High	N1: Loading/unloading procedure; N9: SPCC inspections
Operating Floor / Y Vessel	E-Sp-Bops-Pt-098	Y-Vessel Tilt Gear Box	Gear Oil	450	Gear Box	Welded Steel	No Containment	Medium	N1: Loading/unloading procedures
Operating Floor / Y Vessel	E-Sp-Bops-Pt-099	W-Vessel Tilt Gear Box	Gear Oil	450	Gear Box	Welded Steel	No Containment	Medium	N1: Loading/unloading procedures
Operating Floor / Y Vessel	E-Sp-Bops-Pt-100	T-Vessel Tilt Gear Box	Gear Oil	450	Gear Box	Welded Steel	No Containment	Medium	N1: Loading/unloading procedures
53' Level / North Of Y-Vessel At Q-Bop	E-Sp-Bops-Pt-101	South Skimmer Hydraulic Tank (Iron Skimmer)	Hydraulic Oil	220	Hydraulic System	Welded Steel	Bldg	Medium	N1: Loading/unloading procedures
53' Level / T-Vessel Operating Floor	E-Sp-Bops-Pt-102	T-Vessel Charge Door Hydraulic Power Unit	Hydraulic Oil	280	Hydraulic System	Welded Steel	No Containment	Medium	N1: Loading/unloading procedures
53' Level / W-Vessel Operating Floor	E-Sp-Bops-Pt-103	W-Vessel Charge Door Hydraulic Power Unit	Hydraulic Oil	280	Hydraulic System	Welded Steel	Bldg	Medium	N1: Loading/unloading procedures
53' Level / Y-Vessel Operating	E-Sp-Bops-Pt-104	Y-Vessel Charge Door Hydraulic Power Unit	Hydraulic Oil	280	Hydraulic System	Welded Steel	Bldg	Medium	N1: Loading/unloading procedures

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Floor									
Steel Skimmer	E-Sp-Bops-Pt-105	Q-Bop Steel Skimmer Hydraulic Tank	Gear Oil	425	Hydraulic System	Welded Steel	No Containment	Low	
21' Level North Skimmer / Nitrogen Bubbling Hydraulic Room	E-Sp-Bops-Pt-106	North Iron Skimmer Hydraulic Unit	Hydraulic Oil	125	Hydraulic System	Welded Steel	No Containment	Low	
North Inner Aisle / North Of Y	E-Sp-Bops-Pt-108	Q-Bop Vessel Bottom Removal Device	Hydraulic Oil	100	Hydraulic System	Welded Steel	Bldg	Medium	N1: Loading/unloading procedures
Outer 1 Ele	E-Sp-Bops-Pt-109	Q-Bop Outer Aisle Laddle Cover Hydraulics	Hydraulic Oil	90	Hydraulic System	Welded Steel	Bldg	Low	
Inner Isle	E-Sp-Bops-Pt-110	Q-Bop Inner Aisle South Tilter Hydraulic	Hydraulic Oil	330	Hydraulic System	Welded Steel	No Containment	Low	
53' Level	E-Sp-Bops-Pt-123A	M Vessel Tilt Gear Box	Gear Oil	1,600	Gear Box	Welded Steel	No Containment	Negligible (Terrain Retains)	
53' Level	E-Sp-Bops-Pt-123B	E Vessel Tilt Gear Box	Gear Oil	1,600	Gear Box	Welded Steel	No Containment	Negligible (Terrain Retains)	
53' Level	E-Sp-Bops-Pt-123C	D Vessel Tilt Gear Box	Gear Oil	1,600	Gear Box	Welded Steel	No Containment	Negligible (Terrain Retains)	
Between M & E Vessels / Ground Floor	E-Sp-Bops-Pt-127	#1 Bop Floor Skimm	Hydraulic Oil	140	Hydraulic System	Welded Steel	Steel Box	Negligible (Terrain Retains)	
West Of Alloy Control	E-Sp-Bops-Sa-029	Alloy Control Drum Storage	See DSA Inventory	220	Totes / Drums	Welded Steel	Poly Pans	Negligible (Terrain Retains)	
Bulk Grease Storage	E-Sp-Bops-Sa-050	Drum Storage Shanty	See DSA Inventory	55	Totes / Drums	Welded Steel	Curbing	Low	
Refuse Drum Storage Lean-To	E-Sp-Bops-Sa-051	Drum Storage Shanty	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls	Low	
21' Level North Skimmer / Nitrogen Bubbling Hydraulic Room	E-Sp-Bops-Sa-107	North Iron Skimmer Hydraulic Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Pallet	Low	
21' Level / Steel Skimmer	E-Sp-Bops-Sa-111	Q-Bop Steel Skimmer Tote	Glycol / Hyd Fluid	300	Totes & Drums	Welded Steel	Bldg	Medium	N2: Mobile container procedure
	E-Sp-Bops-Sa-128	Used Oil / Drum Storage At No. 1 Bop	See DSA Inventory	55	Totes / Drums	Welded Steel	Bsmt / Sump	Low	
Lmf C-Line	E-Sp-Bops-Ss-095	Substation No. 95	Silicone		Transformer	Welded Steel	Bldg Floor / E & W Blind Trenches	Low	
#1-Bop Shop, South Of Steel Producing Division Office	E-Sp-Bops-Ss-099	Substation No. 99	Silicone		Transformer	Welded Steel	No Containment	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
#2-Qbop Gas Cleaner	E-Sp-Bops-Ss-100	Substation No. 100	Mineral Oil / Silicone		Transformer	Welded Steel	Curbing With Gravel Bottom	Low	
#1-Bop Shop, South End	E-Sp-Bops-Ss-111	Substation No. 111	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
#1-Bop Shop, West Side	E-Sp-Bops-Ss-112	Substation No. 112			Transformer	Welded Steel	Containment Structure Design Poor And Not Maintained Adequately	Low	
No. 2 & 3 Lmf Baghouse	E-Sp-Bops-Ss-117	Substation No. 117	Mineral Oil		Transformer	Welded Steel	Concrete Curbing - Insufficient Capacity	Low	
	E-Sp-Bops-Ss-122	Substation No. 122	Silicone		Transformer	Welded Steel	Curbing	Low	
#1-Bop Shop	E-Sp-Bops-Ss-1Bm	#1-Bop Main Substation			Transformer	Welded Steel	No Containment	Low	
#1-Bop Shop, Under Furnace Area	E-Sp-Bops-Ss-1md	#1-Bop Moon Dust Substation	4 Silicone / 2 PCB		Transformer	Welded Steel	No Containment	Low	
#2-Qbop Shop, North Of Gas Cleaner	E-Sp-Bops-Ss-2qms	#2 Q-Bop Main Substation			Transformer	Welded Steel	No Containment	Low	
#2-Qbop Shop, North Control Room	E-Sp-Bops-Ss-2qnc	#2 Q-Bop North Control Room Substation	Silicone		Transformer	Welded Steel	1) Bldg Floor / Cable Vault; 2) Bldg Floor / Under Door / Ground	Low	
#2 Q-Bop South Control Room	E-Sp-Bops-Ss-2qsc	#2 Q-Bop South Control Room Substation	Silicone		Transformer	Welded Steel	1) Bldg Floor / Cable Vault; 2) Bldg Floor / Under Door / Ground	Low	
#1-Bop Shop	E-Sp-Bops-Ss-Cnt	Canteen Substation	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Lmf Furnace Middle Vault	E-Sp-Bops-Ss-Lmfm	Lmf Middle Substation	Mineral Oil		Transformer	Welded Steel	1) Water Jacket Shell / Bosch Box / Clean Water Sewer / Lake Michigan; 2) Room Floor / Under Door / Lmf Operating Floor	Low	
Lmf Furnace North Vault	E-Sp-Bops-Ss-Lmfn	Lmf North Substation	Mineral Oil		Transformer	Welded Steel	1) Water Jacket Shell / Bosch Box / Clean Water Sewer / Lake Michigan; 2) Vault Acts As Pit For Catastrophic Containment	Low	
Lmf Furnaces South Vault	E-Sp-Bops-Ss-Lmfs	Lmf South Substation	Mineral Oil		Transformer	Welded Steel	1) Water Jacket Shell / Bosch Box / Clean Water Sewer / Lake Michigan; 2) Vault Acts As Pit For Catastrophic Containment	Low	
Rh Degasser	E-Sp-Bops-Ss-Rhd	Rh Degasser Substation	Silicone		Transformer	Welded Steel	Steel Angle Iron Dike	Low	
Ne Of Mold Bldg	E-Sp-Bops-St-015A	Lube Oil Storage Tank A	Lube Oil	1,680	AST	Welded Steel	No Containment	High	N1: Loading unloading procedure; N9: SPCC

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
									inspections
Ne Of Mold Bldg	E-Sp-Bops-St-016	Grease Tank	Grease	1,250	AST	Welded Steel	Bldg	Low	
West End Alloy Control	E-Sp-Bops-St-028a	Gasoline	Gasoline	200	AST	Welded Steel	Poly Pans	Negligible (Terrain Retains)	
West End Alloy Control	E-Sp-Bops-St-028b	Diesel Fuel	Diesel Fuel	200	AST	Welded Steel	Poly Pan	Negligible (Terrain Retains)	
Bulk Grease House	E-Sp-Bops-St-048	Bulk Grease Tank	Grease	1,200	AST	Welded Steel	Concrete Walls	Negligible (Terrain Retains)	
Bulk Grease House	E-Sp-Bops-St-049	Lube Oil Tank	Lube Oil	1,680	AST	Welded Steel	Curbing	Low	
Truck Stop 310	E-Sp-Cas-Ls-001/002/003	Gear Oil / Grease Loading Station	Oil & Grease	6,000	Unloading Station		No Containment	High	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
East Side #1 Caster Scale Pit	E-Sp-Cas-Ls-024	Scale Pit Used Oil Loading Station	Used Oil	Good	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Brick Shed South Of Op Services	E-Sp-Cas-Ls-036	Gasoline Loading Station	Gasoline	6,000	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
Tundish Repair Bldg, Southwest	E-Sp-Cas-Ls-037a/B	Gasoline Loading Station	Gasoline	6,000	Unloading Station		No Containment	Medium	N1: Loading/unloading procedure; N7: Spill kit; N9: SPCC inspections
A/B Line, Outside	E-Sp-Cas-Ls-065	Grease & Glycol Unloading Station	Grease & Glycol	6,000	Unloading Station		No Containment	Low	
	E-Sp-Cas-Ls-066	Glycol Tote Storage & Filling Station	Glycol		Unloading Station		Bldg / Gas & Water Treatment	Low	
Tundish Repair Bldg, Main Floor	E-Sp-Cas-Me-095	Tundish Repair Glycol Tote	Glycol	600	Mobil Tote	Welded Steel	Bldg	Low	
#2 Caster Water Treatment	E-Sp-Casm-Ls-038	Used Oil Storage Tank At Booster Bldg Loading Station	Used Oil	5,000	Loading Station		Concrete Containment	Low	
	E-Sp-Casm-Ls-064	Used Oil A/B Line	Used Oil	5,000	Loading Station		No Containment	Low	
	E-Sp-Casm-Pt-091	Portable Hydraulic Unit For Segments	Glycol	100	Hydraulic System	Welded Steel	No Containment	Negligible (Terrain Retains)	
South End Off Line Maintenance Bldg	E-Sp-Casm-Pt-122	Hydraulic Test Unit	Glycol	70	Hydraulic System	Welded Steel	Steel Box/Bldg	Negligible (Terrain Retains)	
East Room Off Line Maintenance	E-Sp-Casm-Sa-121	Off Line Maintenance Drum Storage	See DSA Inventory	55	Drums	Welded Steel	Bldg	Low	
#2 Caster Recycle	E-Sp-Casm-Ss-	Substation No. 94	Silicone -		Transformer	Welded Steel	Bldg Floor / Blind Trench	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	094		PCB Contaminated						
C-Line / #2 Caster Water Treatement	E-Sp-Casm-St-038	Used Oil Tank / C Line	Used Oil	5,700	AST	Welded Steel	Concrete Walls	Negligible (Terrain Retains)	
North Of A/B Line Scale Pit	E-Sp-Casm-St-064	Used Oil Tank A/B Line	Used Oil	5,700	AST	Welded Steel	Concrete Walls	Negligible (Terrain Retains)	
99' Level	E-Sp-Cas-Pt-007	No. 1 Caster Tundish Hyd	Hydraulic Oil	200	Hydraulic System	Welded Steel	Bldg	Low	
61' Level	E-Sp-Cas-Pt-009	No. 2 Control Gear Box Pinch Roll Drive	Gear Oil	3,000	Drive	Welded Steel	Bldg	Low	
87' Level	E-Sp-Cas-Pt-011	Vertical Rack Extractor (Gear Box)	Gear Oil	900	Gear Box	Welded Steel	Bldg	Low	
47' Level	E-Sp-Cas-Pt-012	Gear Box	Gear Oil	200	Gear Box	Welded Steel	Bldg	Negligible (Terrain Retains)	
47' Level	E-Sp-Cas-Pt-013	Gear Box For 3A & 3B Pinch Rolls	Gear Oil	120	Gear Box	Welded Steel	Bldg	Low	
South End Of Runout	E-Sp-Cas-Pt-017a	Gear Box For Pinch Rolls On Runout	Gear Oil	1,200	Gear Box	Welded Steel	Bldg / Trench	Low	
South End Of Runout	E-Sp-Cas-Pt-017b	Gear Box For Pinch Rolls On Runout	Gear Oil	1,200	Gear Box	Welded Steel	Bldg / Trench	Low	
East Side Of Runout	E-Sp-Cas-Pt-020	Hydraulic For Torch Machine	Hydraulic Oil	230	Hydraulic System	Welded Steel	Tray / Bldg	Negligible (Terrain Retains)	
A Line	E-Sp-Cas-Pt-067	A Line Main Hydraulic Tank	Water Glycol	1,800	Hydraulic System	Welded Steel	Floor	Negligible (Terrain Retains)	
B Line	E-Sp-Cas-Pt-068	B Line Main Hydraulic Tank	Water Glycol	1,800	Hydraulic System	Welded Steel	Floor	Negligible (Terrain Retains)	
C Line	E-Sp-Cas-Pt-069	C Line Hydraulic Tank	Water Glycol	1,800	Hydraulic System	Welded Steel	Floor	Negligible (Terrain Retains)	
C Line, 41' Level	E-Sp-Cas-Pt-075	C Line Ladle Hydraulic Power Unit	Hydraulic Oil	1,200	Hydraulic System	Welded Steel	Steel Tray / Bldg	Negligible (Terrain Retains)	
B Line, 41' Level	E-Sp-Cas-Pt-076	B Line Ladle Hydraulic Power Unit	Hydraulic Oil	1,200	Hydraulic System	Welded Steel	Steel Tray / Bsmt / Sump	Negligible (Terrain Retains)	
A Line, 41' Level	E-Sp-Cas-Pt-077	A Line Ladle Lift Hydraulic Power Unit	Water Glycol	1,200	Hydraulic System	Welded Steel	Steel Tray / Bldg	Negligible (Terrain Retains)	
A Line, 2 Tundish, 54' Level	E-Sp-Cas-Pt-079	A Line Tundish Power Unit Hydraulic Tank	Hyd Oil	400	Hydraulic System	Welded Steel	Steel Tray / Bsmt / Sump	Negligible (Terrain	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
								Retains)	
B Line, 57' Level	E-Sp-Cas-Pt-081	B Line Tundish Power Unit Hydraulic Tank	Hydraulic Oil	400	Hydraulic System	Welded Steel	Rectangular Tray / Bsmt / Sump	Negligible (Terrain Retains)	
C Line, 54' Level	E-Sp-Cas-Pt-082	C Line Tundish Hydraulic Power Unit	Hydraulic Oil	670	Hydraulic System	Welded Steel	Metal Tray	Negligible (Terrain Retains)	
Tundish Repair Bldg, Main Floor	E-Sp-Cas-Pt-094	Tundish Repair Dump Hydraulics	Glycol	470	Hydraulic System	Welded Steel	Steel Tray / Bldg	Negligible (Terrain Retains)	
C Line, 41' Level / Repair Room	E-Sp-Cas-Pt-096	Hydraulic Test Unit	Mineral Oil	165	Hydraulic System	Welded Steel	Bldg	Low	
A Line, 41' Level, North Side	E-Sp-Cas-Pt-097	Air / Oil Main Pump Unit A-B Line	Light Oil	330		Welded Steel	Steel Skirting	Low	
87' Level / South End	E-Sp-Cas-Pt-114	No. 1 Caster Extractor Hydraulic Pins	Hydraulic Oil	75	Hydraulic System	Welded Steel	Bldg / Flume / Scale Pit	Low	
61' Level	E-Sp-Cas-Pt-115	No. 2 Control Gear Box Pinch Roll Drive	Gear Oil	3,000	Drive	Welded Steel	Bldg	Low	
	E-Sp-Cas-Pt-116	Hydraulic Feed For Drive Spindle	Hydraulic Oil	250	Hydraulic System	Welded Steel	Bldg	Low	
East Side Caster Runout / Ground Floor	E-Sp-Cas-Pt-117	Spray Chamber Gear Box	Gear Oil	1,300	Gear Box	Welded Steel	Bsmt	Low	
#1 Caster Scale Pit Pump Room	E-Sp-Cas-Pt-118	Scale Pit Oil Skimmer	Used Oil	120	Skimmer System	Welded Steel	Scale Pit	Negligible (Terrain Retains)	
#1 Caster Scale Pit Pump Room	E-Sp-Cas-Pt-119	Oil Skimmer At #2 Scale Pit	Used Oil	55	Skimmer System	Welded Steel	#1 Caster Scale Pit	Negligible (Terrain Retains)	
Ground Level Outside Mold Bldg	E-Sp-Cas-Sa-014	Hydraulic Tanks & Totes	See DSA Inventory	400	Totes / Drums	Welded Steel	No Containment	Low	
Ground Level West Of Runout At #1 Caster	E-Sp-Cas-Sa-018	Portable Grease Tote	Grease	550	Totes & Drums	Welded Steel	Bldg	Low	
East Side Of Runout	E-Sp-Cas-Sa-019	Lube Storage DSA East Side Runout	Lube Oil	60	Totes & Drums	Welded Steel	Steel Box	Negligible (Terrain Retains)	
Slab Stamp Room / West Side Of Runout	E-Sp-Cas-Sa-022	Oil Drum Storage Area At Slab Stamp Room	Oil	70	Totes & Drums	Welded Steel	Bsmt	Low	
A/B Line, West End, Pump Room	E-Sp-Cas-Sa-046	Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls	Low	
C Line Bsmt	E-Sp-Cas-Sa-074	Grease Tank	Grease	450	Totes & Drums	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
South End,	E-Sp-Cas-Sa-	Drum Storage Area South	See DSA	400	Totes / Drums	Welded Steel	All Fluids Go To Caster	Negligible	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Shipping/Former Sp-41 To 43	085	End #2 Caster	Inventory				Water Treatment Or C-Lot Lagoon	(Terrain Retains)	
North End, Shipping/Former Sp-47	E-Sp-Cas-Sa-086	Drum Storage Area North End Of #2 Caster	See DSA Inventory	55	Totes / Drums	Welded Steel	Spill Box	Negligible (Terrain Retains)	
A/B Line, Compressor Room	E-Sp-Cas-Sa-087	Drum Storage Area	See DSA Inventory	55	Drums	Welded Steel	Bldg & Caster & Water Treatment	Low	
C Line, 41' Level	E-Sp-Cas-Sa-089	FR Ws Glycol Drum	See DSA Inventory	55	Totes / Drums	Welded Steel	Drum Pallet	Negligible (Terrain Retains)	
Main Floor Equipment	E-Sp-Cas-Sa-090	Grease Drum	See DSA Inventory	55	Totes / Drums	Welded Steel	Bsmt / Sump	Negligible (Terrain Retains)	
C Line Bsmt	E-Sp-Cas-Sa-092	C Line Drum Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	Concrete Walls / Curbing / Bsmt / Sump	Negligible (Terrain Retains)	
99' Level	E-Sp-Cas-Sa-113	No. 1 Caster 99' Level Drum Storage	See DSA Inventory	300/50	Tote	Welded Steel / Poly / Plastic	Drum Pallet/ Tray/ Bldg - Note: Dimesions For Secondary Containment Are: Ht-0.75/0.5, L - 5/17, W - 2.3/4	Low	
#2 Caster North End	E-Sp-Cas-Ss-003	No. 2 Caster / Lmf Substation No. 3			Transformer	Welded Steel	Steel Dikes (Ineffective - Holes At Base)	Low	
#1 Caster Southeast Corner	E-Sp-Cas-Ss-1Cm	#1 Caster Main Substation	Silicone		Transformer	Welded Steel	Bldg Floor / Sump Pump / ???	Low	
Grease Storage / Ground Level	E-Sp-Cas-St-001	No. 1 Caster Bulk Grease Tank A	Grease	1,300	AST	Welded Steel	Bldg	Low	
Grease Storage / Ground Level	E-Sp-Cas-St-002	No. 1 Caster Bulk Grease Tank B	Grease	1,300	AST	Welded Steel	Bldg	Low	
North Of Elevator / Ground Floor	E-Sp-Cas-St-003	Mobil Gear Oil Tank	Mobil Gear Oil	2,000	AST	Welded Steel	Bldg	Low	
North Of Elevator / Ground Floor	E-Sp-Cas-St-004	Mobil Gear Oil Tank	Gear Oil	400	AST	Welded Steel	No Containment	Medium	N1: Loading unloading procedure; N9: SPCC inspections
87' Level	E-Sp-Cas-St-008	Bulk Hydraulic Fluid Tank	Water Glycol	4,000	AST	Fiberglass Or Fiberglass Reinforced Plastic	Bldg	Low	
87' Level	E-Sp-Cas-St-010	Water Glycol AST For Roll Hyd	Hydraulic Fluid	850	AST	Welded Steel	Bldg	Low	
Ground Level / South Of Casting Tower (Moved FRom Oil Storage Room)	E-Sp-Cas-St-021	Hydraulic Oil Tote	Lube Oil	70	Tote	Welded Steel	Steel Box	Low	
East Side #1 Caster Scale Pit	E-Sp-Cas-St-024	Scale Pit Used Oil Tank	Used Oil	7,500	AST	Welded Steel	Concrete Walls	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
Tundish Repair Bldg, Southwest	E-Sp-Cas-St-036	Gasoline Tank	Gasoline	550	AST	Welded Steel	Steel Box	Low	
Tundish Repair Bldg, Southwest	E-Sp-Cas-St-037a/B	Gas / Diesel Tank	Gasoline And Diesel	300	AST	Welded Steel	Steel Box	Low	
A/B Line	E-Sp-Cas-St-065	A/B Line Grease Tank	Grease	2,000	AST	Welded Steel	Bldg / Floor	Negligible (Terrain Retains)	
Bsmt	E-Sp-Cas-St-066	Bulk Glycol Tank	Water Glycol	3,200	AST	Welded Steel	Concrete Walls / Bldg	Low	
C Line Bsmt / C Line Main Hydraulic	E-Sp-Cas-St-093	C Line Bsmt Tote Storage	Water Glycol	500	Tote	Welded Steel	Trenching / Bldg	Negligible (Terrain Retains)	
A Line, 41' Level	E-Sp-Cas-St-112	A Line Glycol Storage Tank	Water Glycol / Hydraulic Fluid	3,600	AST	Welded Steel	No Containment	Low	
Tin Products									
	E-Tpgw-Cpw-Pt-110	Roll Firming Tank	Hydraulic Oil (Aw-46)	350	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
Refractory Storage Warehouse	E-Tpgw-Cpw-Ss-036	Substation No. 36			Transformer	Welded Steel	Concrete Pad / Electrical Trench W/Dirt Bottom / Ground	Low	
Column Q66	E-Tpgw-Cpw-St-024	5 Warehouse Chemical Storage Area Near Col Q66	Bulk Grease	1,000	Tote	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Cpw-St-111	Oily Waste Tank	Oily Waste Water	20,000	AST	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Ls-087/092	6 Stand Oil Unloading Station	Hyd Oil / Bulk Grease / Soluble Oil / Gear Oil	5,000			Concrete Curb & Pad W/ Trench	Low	
	E-Tpgw-Crtm-Ls-100/106/108	6 Stand East Roll Shop Unloading Station	Hyd Oil / Gear Oil	5,000	Unloading Station		Concrete Pad W/ Curbing & Collection Vault	Low	
Hogans Alley	E-Tpgw-Crtm-Ls-102/104/105	6 Stand Morg Oil Unloading Station	Hyd Oil	5,000	Unloading Station		Bldg / Bsmt	Low	
Near DCR	E-Tpgw-Crtm-Ls-221A/B	Hydraulic Oil Unloading Station	Bulk Oil / Grease	5,000	Unloading Station		Bldg / Bsmt	Low	
	E-Tpgw-Crtm-Mr-001	6 Etl Melter Reactor (West)	PCB		Current Limiter	Welded Steel	Bsmt Ceiling Pan / Bsmt Floor / Sump No. 5 / ???	Low	
	E-Tpgw-Crtm-Mr-002	6 Etl Melter Reactor (East)	PCB		Current Limiter	Welded Steel	Bsmt Ceiling Pan / Bsmt Floor / Sump No. 5 / ???	Low	
	E-Tpgw-Crtm-Pt-001	5 Etl Recoiler Fife System	Hydraulic Oil (Aw-46)	200	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-002	5 Etl Trion Oil System	Uniplex 84	55		Welded Steel	Pallet Containment	Low	
Leveler	E-Tpgw-Crtm-	5 Etl Leveler Gear Boxes	Gear Oil	(See Notes)	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	Pt-003								
#5 Leveler	E-Tpgw-Crtm-Pt-004	5 Etl Leveler Hydraulic System	Hydraulic Oil (Aw-46)	275	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Entry End	E-Tpgw-Crtm-Pt-005	5 Etl Entry End Tower Gear Box	Gear Oil	450	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Entry Bsmt	E-Tpgw-Crtm-Pt-006	5 Etl Entry Hydraulic Feed	Hydraulic Oil	1,600	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
Delivery Hydraulic Room	E-Tpgw-Crtm-Pt-007	5 Etl Delivery Hydraulic System	Hydraulic Oil	1,600	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
Delivery Bsmt	E-Tpgw-Crtm-Pt-008	6 Etl Delivery Hydraulic System	Hydraulic Oil	2,100	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
Entry Tower	E-Tpgw-Crtm-Pt-009	5 Etl Entry Tower Gear Box	Gear Oil	925	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Coil Upender	E-Tpgw-Crtm-Pt-010	5 Etl Coil Upender Hydraulic System	Hydraulic Oil (Aw-46)	375	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Delivery End	E-Tpgw-Crtm-Pt-011	6 Etl Delivery Fife System	Hydraulic Oil (Aw-46)	375	Hydraulic System	Welded Steel	Curbing / Drain To Bsmt	Low	
	E-Tpgw-Crtm-Pt-012	6 Etl Oiler	Uniplex 84	55		Welded Steel	Pallet Containment	Low	
#5 Leveler, Scrap Handler	E-Tpgw-Crtm-Pt-013	5 Etl Scrap Handler Hydraulic System	Hydraulic Oil (Aw-46)	250	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Entry Bsmt	E-Tpgw-Crtm-Pt-014	6 Etl Entry Hydraulic System	Hydraulic Oil (Aw-46)	1,925	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
Entry Bsmt	E-Tpgw-Crtm-Pt-015	6 Etl Entry Tower Gear Box	460 Gear Oil	60	Gear Box	Welded Steel	Bsmt / Sump / Ttp	Low	
Bsmt	E-Tpgw-Crtm-Pt-016	6 Etl Exit Tower Gear Box	460 Gear Oil	60	Gear Box	Welded Steel	Bsmt / Sump / Ttp	Low	
Delivery End	E-Tpgw-Crtm-Pt-017	5 Etl Recoiler Gear Box	Gear Oil	275	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Delivery End	E-Tpgw-Crtm-Pt-018	6 Etl Delivery End Gear Case	Gear Oil	180	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-019	6 Etl Leveler Hydraulic System	Hydraulic Oil (Aw-46)	950	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Entry End	E-Tpgw-Crtm-Pt-020	6 Etl Payoff Recoiler Gear Box	Gear Oil	180	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Entry End	E-Tpgw-Crtm-Pt-021	6 Etl Recoiler Hydraulic System	Hydraulic Oil	425	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Delivery End	E-Tpgw-Crtm-Pt-022	5 Etl Delivery End Gear Box	Gear Oil	360	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-026	1 Line Not In Service	Hydraulic Oil / Gear Oil	(See Notes)	Hydraulic System	Welded Steel	For Entire Area Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-098	Oil Coolant Tank	Lube Oil	2,000	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
Mech Room	E-Tpgw-Crtm-Pt-099	B Morg Oil Tank East	Vacuoline 533 Morg Oil	20,000	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	E-Tpgw-Crtm-Pt-100	Aux Hydraulic Oil Tank	Soluble Oil	5,000	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-101	Rolling Bed Accumulator	Process Water	4,000	Accumulator	Welded Steel	Bsmt / Sump / Ttp	Low	
Mech Room	E-Tpgw-Crtm-Pt-102	B Morg Oil Tank West	Vacuoline 533 Morg Oil	20,000	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-104	A Morg Oil Tank East	Vacuoline 546	10,500	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-105	A Morg Oil Tank West	Lube Oil	10,500	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-106	A Rolling Oil Tank	1.5% Rolling Oil & Water	10,000	Rolling Oil System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-107	B Rolling Oil Tank	4%-7% Rolling Oil / Animal Fat & Water	10,000	Rolling Oil System	Welded Steel	Bsmt / Sump / Ttp	Low	
Mech Bsmt	E-Tpgw-Crtm-Pt-108	East Circulating Oil Tank	Mobil 634 Gear Oil	10,000	Recirculation Tank	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-109	West Circulating Oil Tank	Mobil 634 Gear Oil	10,000	Recirculation Tank	Welded Steel	Bsmt / Sump / Ttp	Low	
Bsmt	E-Tpgw-Crtm-Pt-144	#7 Reeler Hydraulic System	Hydraulic Oil	770	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-161	7 Cleaner Hydraulic Oil Tank	Hydraulic Oil	4,000	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-162	7 Cleaner Soluble Oil Accumulator	Hydraulic Oil	1,200	Accumulator	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
#10 Grinder	E-Tpgw-Crtm-Pt-213	#10 Grinder Flow Con Reservoir	Grinding Solution	2,700	Oil Reservoir	Welded Steel	Bsmt / Sump / Ttp	Low	
#10 Grinder	E-Tpgw-Crtm-Pt-214	#10 Grinder Hydraulic System	Hydraulic Oil	110	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
#10 Grinder	E-Tpgw-Crtm-Pt-215	#10 Grinder Way Oil Tank	Way Oil	120	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
#10 Grinder	E-Tpgw-Crtm-Pt-216	#10 Grinder Spindle Oil Reservoir	Spindle Oil	225	Oil Reservoir	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-217	Backup Floor Hydraulic System	Hydraulic Oil (Aw-46)	(See Notes)	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-219	Backup Chucking Bed	Hydraulic Oil	375	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
Pump Lube Room	E-Tpgw-Crtm-Pt-221A/B	Hydraulic Oil Storage Tank	Hyd Oil (Aw-46)	3,000	AST	Welded Steel	Entire Room Is Secondary Containment / Sump Pump In Northeast Corner Of Room Discharges To Oily Waste / Ttp	Low	
	E-Tpgw-Crtm-Pt-222	Aux Hydraulic Oil Accumulator	Hydraulic Oil	1,100	Accumulator	Welded Steel	Bsmt / Sump / Ttp	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
#7 Grinder	E-Tpgw-Crtm-Pt-224	#7 Grinder Way Oil Tank & Reservoir	Mobil Way Oil	25	Oil Reservoir	Welded Steel	Reservoir Dimensions-1' H X 4' L X 2' W (60 Gal) / Bsmt Containment / Sump / Ttp	Low	
East Roll Shop	E-Tpgw-Crtm-Pt-225	Roll Test Station Hydraulic System	Hydraulic Oil	90	Hydraulic System	Welded Steel	Drip Pan / Bsmt / Sump / Ttp	Low	
East Roll Shop	E-Tpgw-Crtm-Pt-226	Chocking Machine Hyd	Hydraulic Oil	65	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
#9 Grinder	E-Tpgw-Crtm-Pt-227	#9 Grinder	Way Oil	145	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
#9 Grinder	E-Tpgw-Crtm-Pt-228	#9 Grinder Hydraulic System	Hydraulic Oil	350	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
#9 Grinder	E-Tpgw-Crtm-Pt-229	#9 Grinder Spindle Oil	DTE 24 Lite Oil	120	Oil Reservoir	Welded Steel	Bsmt / Sump / Ttp	Low	
#7 Grinder	E-Tpgw-Crtm-Pt-230	#7 & #9 Flow Con System Reservoir	Oil	3,100	Oil Reservoir	Welded Steel	Flow Con Sys Collects Grinding Fluid FRom Lathes, Separates Metal Grindings FRom Grinding Oils	Low	
Entry Reel Housing	E-Tpgw-Crtm-Pt-232	#7 Reeler Cleaner Gear Case	460 Gear Oil	475	Gear Box	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-233	Bridle Lube Hydraulic System	Hydraulic Oil	70	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-234	#7 Livery Reel Gear Box & Recirculating Tank	46 Light Oil	(See Notes)	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-235	7 Cleaner Delivery Conveyor Chain Drive	Gear Oil	250	Drive	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-236	#1 Ca Reelers	Gear Oil	90	Gear Box	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-237	#1 Ca Hydraulic System	Hydraulic Oil	120	Hydraulic System	Riveted Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-238	#1 Ca Reel Shift Hydraulic Oil	Hydraulic Oil	90	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
Bsmt	E-Tpgw-Crtm-Pt-239	#1 Ca Reeler Reservoir	Hydraulic Oil	475	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-240	#2 Ca Reeler Gear Case	Gear Oil	90	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-241	#7 Reeler X-Ray Gauge Hydraulic System	Hydraulic Oil	50	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Entry Tower	E-Tpgw-Crtm-Pt-242	#7 Reeler Entry Tower Gear Drive	Gear Oil	60	Drive	Welded Steel	Bsmt / Sump / Ttp	Low	
Exit End	E-Tpgw-Crtm-Pt-243	#7 Reeler Exit End Hydraulic System	Hydraulic Oil	60	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-244	#1 Ca Exit Conveyor Gear Reducer Drive	Gear Oil	56	Drive	Welded Steel	Bsmt / Sump / Ttp	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	E-Tpgw-Crtm-Pt-245	#2 Conveyor Deliver Drive Gear Box	Gear Oil	295	Drive	Welded Steel	Bsmt / Sump / Ttp	Low	
Col K 87	E-Tpgw-Crtm-Pt-246	#1 Exit Tower Drive Gear Box	Gear Oil	310	Drive	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-247	#4 Bridle Gear Box	Gear Oil	720	Gear Box	Welded Steel	Bsmt / Sump / Ttp	Low	
Exit End	E-Tpgw-Crtm-Pt-248	#7 Reeler Exit End Gear Box	Gear Oil	300	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Exit End	E-Tpgw-Crtm-Pt-249	#7 Reeler Askania Hydraulic System	Hydraulic Oil	225	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Delivery End	E-Tpgw-Crtm-Pt-250	45" Recoiler Delivery Gear Case	Gear Oil	225	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Delivery End	E-Tpgw-Crtm-Pt-251	45" Recoiler Hydraulic System	Hydraulic Oil	120	Hydraulic System	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-252	45" Recoiler Delivery Coating Tank	Soluble Oil	45	Oil Reservoir	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
Entry Reel	E-Tpgw-Crtm-Pt-253	45" Recoiler Entry Gear Case	Gear Oil	225	Gear Box	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-254	45" Recoiler Manual Trimmer Gear Box	Gear Oil	37	Gear Box	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-255	45" Recoiler Knife Lube System	Morg Oil	135	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-256	45" Recoiler Askania Hydraulic System	Hydraulic Oil	340	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
Bsmt	E-Tpgw-Crtm-Pt-257	48" Temper Mill Conv. Drive Gear Case	Gear Oil	275	Drive	Welded Steel	Bsmt / Sump / Ttp	Low	
Bsmt	E-Tpgw-Crtm-Pt-258	48" Temper Mill Turnaround Hoist Gear Case	Gear Oil	275	Gear Box	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-261	48" Temper Mill Upender Hydraulic System	Hydraulic Oil (Aw-46)	600	Hydraulic System	Welded Steel	Up Ender Pit	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-263	Hot Water Tank	Oily Waste Water	5,750	Oil Reservoir	Welded Steel	Bsmt / Sump / Ttp	Low	
Entry End	E-Tpgw-Crtm-Pt-266	DCR Entry Coil Gear Case	Gear Oil	450	Gear Box	Welded Steel	DCR Bsmt / Sump / Ttp	Low	
Entry End	E-Tpgw-Crtm-Pt-267	DCR Entry Bridle Gear Case	Gear Oil	250	Gear Box	Welded Steel	DCR Bsmt / Sump / Ttp	Low	
1-Stand	E-Tpgw-Crtm-Pt-268	DCR 1-Stand Work Row Drive Gear Case	Gear Oil	950	Drive	Welded Steel	DCR Bsmt / Sump / Ttp	Low	
2-Stand	E-Tpgw-Crtm-Pt-269	DCR 2-Stand Work Row Drive Gear Case	Gear Oil	950	Drive	Welded Steel	DCR Bsmt / Sump / Ttp	Low	
Delivery End	E-Tpgw-Crtm-Pt-270	DCR Delivery Bridle Gear Case	Gear Oil	250	Gear Box	Welded Steel	DCR Bsmt / Sump / Ttp	Low	
Delivery End	E-Tpgw-Crtm-Pt-271	DCR Delivery Reel Gear Case	Gear Oil	450	Gear Box	Welded Steel	DCR Bsmt / Sump / Ttp	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
DCR Bsmt	E-Tpgw-Crtm-Pt-272	Rust Inhibitor Tank	Rust Inhibitor / Anticorosant	2,200	Oil Reservoir	Welded Steel	Steel Tray / Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-273	DCR Rolling Oil East	Rolling Oil	10,000	Rolling Oil System	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-274	DCR Rolling Oil West	Rolling Oil	4,800	Rolling Oil System	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-275	DCR East Solution Tank	Lube Oil (20%-30% Solution)	1,000	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-276	DCR West Solution Tank	Rolling Oil & Water	1,000	Oil Reservoir	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-277	East Circulating Oil Tank	Lube Oil	5,500	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-278	West Circulating Oil Tank	Lube Oil	5,500	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-279	DCR Morg Oil Tank North	Morg Oil	15,000	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-280	DCR Morg Oil Tank South	Morg Oil	15,000	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-281	Morg Oil Accumulator Tank	Morg Oil	6,000	Accumulator	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-282	DCR Hydraulic Oil Tank	Hydraulic Oil	1,700	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-283	DCR Hydraulic Oil Accumulator Tank	Hydraulic Oil	1,500	Accumulator	Welded Steel	Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-Pt-285	Morg Oil Accumulator Bottle	Morg Oil	6,000	Accumulator	Welded Steel	Bsmt / Sump / Ttp	Low	
Bsmt	E-Tpgw-Crtm-Pt-286	48" Temper Mill Hydraulic System	Hydraulic Oil	5,000	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-287	48" Temper Mill Askania Tank	Hydraulic Oil	300	Hydraulic System	Welded Steel	Steel Tray / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-288	48" Temper Mill Hydraulic Accumulator	Hydraulic Oil	1,500	Accumulator	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-289	48" Temper Mill Morg Oil Tank West	Morg Oil	14,000	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Pt-290	48" Temper Mill Morg Oil Tank East	Morg Oil	14,000	Lubrication System	Welded Steel	Bsmt / Sump / Ttp	Low	
Bsmt	E-Tpgw-Crtm-Pt-291	48" Temper Mill Recirculating Oil Tank	Gear Oil	600	Recirculation Tank	Welded Steel	Bsmt / Sump / Ttp	Low	
Bsmt	E-Tpgw-Crtm-Pt-292	48" Temper Mill Turnaround Hoist Hydraulic Tank	Hydraulic Oil	400	Hydraulic System	Welded Steel	Bsmt / Sump / Ttp	Low	
East Of Tin Division Qa	E-Tpgw-Crtm-Sa-023	Drum Storage Area East Of Tin Division Qa	See DSA Inventory	55 Gal Drum / 345 Gal Tote	Totes / Drums	Welded Steel	Brick Berm (Drums) / None (Totes)	Low	
Col A34	E-Tpgw-Crtm-	West Roll Shop Drum	See DSA	55	Drums	Welded Steel	No Containment	Low	

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Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	Sa-211	Storage	Inventory						
	E-Tpgw-Crtm-Sa-260	48" Temper Mill Oil Storage	See DSA Inventory	55	Totes / Drums	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
DCR South Side	E-Tpgw-Crtm-Sa-262	DCR Oil Storage Area	See DSA Inventory	55	Totes / Drums	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-Ss-003	Substation No. 3 (Tin Mill)			Transformer	Welded Steel	Bldg Floor Contains	Low	
Column C71	E-Tpgw-Crtm-Ss-004	Substation No. 4 (Tin Mill)	Mineral Oil-Silicone		Transformer	Welded Steel	Xfmr 517: Bsmt / Sump / First Floor Tank / ???; Xfmr 1057: Bldg Floor / Pipe Trench & Electrical Trench / Sump / ???	Low	
	E-Tpgw-Crtm-Ss-004A	Substation No. 4A	Silicon-516/Mineral Oil 515		Transformer	Welded Steel	Bldg Floor - Inadequate	Low	
North Courtyard	E-Tpgw-Crtm-Ss-008	Substation No. 8 (Tin Mill)	Mineral Oil		Transformer	Welded Steel	Concrete Trenching / Surrounding Soils	Low	
#1 Etl & Tin Mill Auxillary, Column V4	E-Tpgw-Crtm-Ss-012	Substation No. 12 (Tin Mill)	Mineral Oil		Transformer	Welded Steel	Area Sump (No Outlet) / Ground	Low	
	E-Tpgw-Crtm-Ss-024	Substation No. 24			Transformer	Welded Steel	Gravel Substation Yard	Low	
	E-Tpgw-Crtm-Ss-030	Substation No. 30 (Tin Mill)			Transformer	Welded Steel	Curbing W/ Gravel Fill, No Concrete Bottom	Low	
Environmental Station / T-31	E-Tpgw-Crtm-Ss-031	Substation No. 31	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
T-1 Pump Station	E-Tpgw-Crtm-Ss-031A	Substation No. 31B	Silicone		Transformer	Welded Steel	No Containment	Low	
#5 Etl Bsmt	E-Tpgw-Crtm-Ss-037	Substation No. 37			Transformer	Welded Steel	Electrical Cable Throught W/Concrete Bottom-Vaccum	Low	
Column Q72	E-Tpgw-Crtm-Ss-037a	Substation No. 37a	5 Etl Mccs		Transformer	Welded Steel	Concrete Curbing	Low	
T-1 Pump Station	E-Tpgw-Crtm-Ss-038	Substation No. 38	Mineral Oil		Transformer	Welded Steel	No Containment	Low	
Bsmt Column K95	E-Tpgw-Crtm-Ss-040	Substation No. 40	PCB Oil		Transformer	Welded Steel	Bsmt Floor / Trench / No.4 Sump / ???	Low	
Column I93	E-Tpgw-Crtm-Ss-040A	Substation No. 40A			Transformer	Welded Steel	Bldg Floor / Main Electrical Trench / Soils	Low	
	E-Tpgw-Crtm-Ss-041	Substation No. 41	40" Tm/Lighting		Transformer	Welded Steel	Bldg Floor / Manholes In Aisle / ???	Low	
	E-Tpgw-Crtm-Ss-044	Substation No. 44	PCB / Silicone		Transformer	Welded Steel	Room Perimeter Trench / No.4 Sump / ???	Low	
Hsm Finish End	E-Tpgw-Crtm-Ss-048	Substation No. 48			Transformer	Welded Steel	No Containment	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution

(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	E-Tpgw-Crtm-Ss-049	Substation No. 49	Plating Rectifiers		Transformer	Welded Steel	Bsmt Floor / Perimeter Trench / Exit Tower Sump / ???	Low	
Former Stainless Steel Bldg	E-Tpgw-Crtm-Ss-050	Substation No. 50	Silicone		Transformer	Welded Steel	Concrete Floor / Electrical Trenches	Low	
Electrical Room	E-Tpgw-Crtm-Ss-060	Substation No. 60			Transformer	Welded Steel	Bldg Floor / Bsmt Sump K & Sump L / ???	Low	
Annealing	E-Tpgw-Crtm-Ss-061	Substation No. 61			Transformer	Welded Steel	Bldg Floor / Under Door / Mill Aisle Floor Contains	Low	
#5 Leveler, Scrap Handler	E-Tpgw-Crtm-St-025	5 Etl Leveler Solvent Tote	Ato Solvent 200	345	Tote	Welded Steel	Bsmt / Sump / Ttp	Low	
Oil Storage Room	E-Tpgw-Crtm-St-087	6-Stand Oil Storage Room	Soluble Oil	10,500	AST	Welded Steel	Massive Leak Would Go Into Secondary Containment; Sump Pumped To Oily Waste Force Main Sewer / Ttp	Low	
6-Stand Oil Storage Room	E-Tpgw-Crtm-St-088	DCR Hydraulic Oil Tank (6-Stand Oil Stg Room)	Hydraulic Oil (Aw-46)	10,500	AST	Welded Steel	Containment / Bsmt / Sump / Ttp	Low	
6-Stand Oil Storage Room	E-Tpgw-Crtm-St-089	DCR Hydraulic Oil Tank (6-Stand Oil Stg Room)	Mobil 634 Gear Oil	10,500	AST	Welded Steel	Containment / Bsmt / Sump / Ttp	Low	
6-Stand Oil Storage Room	E-Tpgw-Crtm-St-090	DCR Hydraulic Oil Tank (6-Stand Oil Stg Room)	Rolling Oil	10,500	AST	Welded Steel	Containment / Bsmt / Sump / Ttp	Low	
6-Stand Oil Storage Room	E-Tpgw-Crtm-St-091	DCR Hydraulic Oil Tank (6-Stand Oil Stg Room)	Rolling	10,500	AST	Welded Steel	Containment / Bsmt / Sump / Ttp	Low	
Oil Storage Room	E-Tpgw-Crtm-St-092	6-Stand Oil Storage Room	Bulk Grease / Spindle Lube	10,500	AST	Welded Steel	Containment / Bsmt / Sump / Ttp	Low	
Compressor Room	E-Tpgw-Crtm-St-094	Comp. Room Oil Storage	Compressor Oil, Mobile Rarus 427	275	AST	Welded Steel	Steel Pan	Low	
	E-Tpgw-Crtm-St-153A/B	Pra-L Storage Tank	Henkel Pra-L	800	AST	Welded Steel	Leaks Would Be Contained To Bsmt & End Up In Ttp	Low	
	E-Tpgw-Crtm-St-210	West Roll Shop Tote Storage	Grease / Oil	300-500	Tote	Welded Steel	Pallet / Bsmt / Sump / Ttp, Note:Roll Shop Tank Farm Tote Storage / All Totes On Secondary Containment-12' X 36' X 0.5'	Low	
	E-Tpgw-Crtm-St-212	Diesel Fuel Tote	Diesel Fuel	350	Tote	Welded Steel	Pallet Containment	Low	
White Room, Col. B82	E-Tpgw-Crtm-St-218	Grease Totes	Grease	1,000	Tote	Welded Steel	No Containment	Low	
	E-Tpgw-Crtm-St-220	Roll Shop Grease Storage	Grease / Grinding Solution	1,000	Tote	Welded Steel	No Containment	Low	
East Roll Shop	E-Tpgw-Crtm-St-223	Former Bulk Grease Tank	Bulk Grease	1,000	AST	Welded Steel	Bsmt / Sump / Ttp	Low	
East Roll Shop	E-Tpgw-Crtm-	Tote Storage	Henkel Pra-L	345	Tote	Poly / Plastic	No Containment	Low	

Appendix C – SPCC Plan Sources of Potential Storm Water Pollution
(This list only includes aboveground oil storage containers or electrical equipment listed in the SPCC Plan. See Appendix B for others.)

Location	Tank ID	Tank Name	Contents	Capacity (Gal)	Container Type	Construction Material	Containment Type	Risk To Navigable Waterway	BMP
	St-231								
	E-Tpgw-Crtm-St-259	48" Temper Mill Hydraulic System - Soluble Oil Tote	Henkel	500	Tote	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
	E-Tpgw-Crtm-St-264	Soluble Oil Tote	Soluble Oil	350	Tote	Welded Steel	Bldg / Bsmt / Sump / Ttp	Low	
DCR Bsmt	E-Tpgw-Crtm-St-284	DCR Waste Water Tank	Oily Waste Water	5,750	AST	Welded Steel	Bsmt / Sump / Ttp	Low	
#11 Joy Compressor	E-Tpgw-Crtm-Xf-001	6-Stand Compressor Transformer			Transformer	Welded Steel	Bldg Floor / Trench / ???	Low	
	E-Tpgw-Crtm-Xf-002	Reduction Melter Transformer 23	PCB		Transformer	Welded Steel	Brick Dike	Low	
	E-Tpgw-Crtm-Xf-003	Reduction Melter Transformer 21	PCB		Transformer	Welded Steel	Brick Dike	Low	
	E-Tpgw-Crtm-Xf-004	Reduction Melter Transformer 20	PCB		Transformer	Welded Steel	Brick Dike	Low	
	E-Tpgw-Crtm-Xf-005	6 Etl High Voltage Melter Transformer (West)			Transformer	Welded Steel	Bsmt Floor / Area Sumps / ???	Low	
	E-Tpgw-Crtm-Xf-006	6 Etl High Voltage Melter Transformer (East)			Transformer	Welded Steel	Bsmt Floor / Area Sumps / ???	Low	
	E-Tpgw-Crtm-Xf-007	5 Etl Transformer (West)	PCB		Transformer	Welded Steel	Blind Trench And Bldg Floor	Low	
	E-Tpgw-Crtm-Xf-008	5 Etl Transformer (East)	PCB		Transformer	Welded Steel	Blind Trench And Bldg Floor	Low	
	E-Tpgw-Crtm-Xf-009	5 Etl Melter Transformer (West)			Transformer	Welded Steel	Blind Trench And Bldg Floor	Low	
	E-Tpgw-Crtm-Xf-010	5 Etl Melter Transformer (East)			Transformer	Welded Steel	Blind Trench And Bldg Floor	Low	
	E-Tpgw-Mtc-Pt-028	Etl Maintenance Shop Lathe	DTE 26 Oil	95	Holding Tank	Welded Steel	On Grating / Sump / Ttp	Low	
	E-Tpgw-Mtc-Sa-027	Drum Storage Area Tinning Division Maintenance Shop	Oil / Antifreeze / Methyl Alcohol	55	Drum	Welded Steel / Poly / Plastic	Plastic Tray	Low	
	E-Tpgw-Mtc-Sa-265	Motor Inspector Shop Tote Storage	Fan And Pump Oil	345	Tote	Welded Steel	Concrete Curbing	Low	

APPENDIX D

SIGNIFICANT SPILL AND RELEASE EVENTS

Appendix D – Significant Spill and Release Events
January 1, 2004 through September 30, 2007

Date	Incident Number	Description	Materials Released	Estimated Release	Release Location	Remediation/ Cleanup Measures
02/02/04	I-001190	Oil Sheen on river	Oil	2 gallons	GCR by Coke Plant	Heritage to clean up
02/17/04	I-001218	Sheen on river discharging from Outfall 005, identified by Dave Behrens	Oil	Unknown	Outfall 005	Placed booms on river, tracing source of sheen.
02/19/04	I-001227	Primary cooler tar	Primary Cooler Tar	500 gallons	C.P. Tank 363A	Being cleaned up and properly disposed of
02/23/04	I-001234	Process water	Process Water	34.69 pounds	Outfall 603	N/A
02/25/04	I-001240	Brown murky substance floating adjacent to outfall #003 (blanked outfall)	Brown Murky Substance	Unknown	River adjacent to outfall #003	Notification. STL responding to incident.
03/15/04	I-001285	NPDES permit limit exceeded	Phenol	61 lbs	Outfall 034	N/A
03/22/04	I-001299	Cyanide	Cyanide	21.8 lbs	Outfall 501	N/A
03/23/04	I-001301	Demobilization activity on GCR caused sediment release of oily sheen.	Oil	N/A	Grand Calumet River at Virginia St.	Boom set up on the river
05/03/04	I-001374	Oil Spill showing up at outfall ST 17.	Oil	35 gallons	ST 17	Captured spill at oil separator.
05/12/04	I-001391	Plant Security reports oil sheen on river between Tennessee St. and Virginia St.	Oil	Unknown	Grand Cal River at Virginia Street.	Severn Trent Laboratories contacted.
05/21/04	I-001406	Security report visible oil on river.	Oil	Unknown	Little Calumet River between outfall 10 & 15	Booms were already in place on river to capture oil.
06/17/04	I-001455	Oily water was discovered dumped at Sheet Mill Sanitary Lift Site.	Oily Water	20 gallons	Sheet Mill Sanitary Lift Station	Diking area to prevent spread. Lift station closed while spill cleaned up.
08/08/04	I-001564	Fisherman in boat reported to US Coast Guard truck dumping black liquid in lake	Unknown	NA	Lake Michigan 1.5 miles west of fishing breakwall	Lake inspection and notification of Plant Security
09/22/04	I-001659	Oily base liquid	Oily Base Liquid	Unknown	#6 Sanitary Lift Station	Heritage vacuuming out #6 Lift Station
11/10/04	I-001750	Visible sheen on river, materials unknown	Oil	Unknown	Grand Cal River at Main Office, North Shore	None at this time.
12/08/04	I-001826	Approximately 200 dead fish were seen at the Final Oil Separator wastewater treatment facility	Unknown	Unknown	ST - 7 Final Oil Separator Treatment Facility	Extra samples taken at wastewater treatment facility to begin investigation process. KM Plant Services called to dispose of fish.
12/16/04	I-001856	Failed expansion flange gasket, 50 gallons of chromic rinse water spilled onto ground.	Chromic Rinse Water	50 gallons	Cold Reduction Office area	Collecting continuing leakage into barrel under control of Heritage Environmental Services. Permanent repairs to be taken on 12/23/2004.
12/28/04	I-001886	The daily maximum load permit limit was exceeded	Free Cyanide	20.93 lbs	Outfall 200 - combined 005 and 010 outfalls	Extra samples taken at various areas in Coke Plant to begin investigation
12/28/04	I-001885	The daily maximum concentration permit limit was exceeded	Free Cyanide	65.87 ug/L	Outfall 200 - combined 005 and 010 outfalls	Extra samples taken at various areas in Coke Plant to begin investigation
12/28/04	I-001884	The daily maximum load permit limit was exceeded	Free Cyanide	14.3 lbs	Outfall 200 - combined 005 and 010 outfalls	Extra samples taken at various areas in Coke Plant to begin investigation

Appendix D – Significant Spill and Release Events
January 1, 2004 through September 30, 2007

Date	Incident Number	Description	Materials Released	Estimated Release	Release Location	Remediation/ Cleanup Measures
12/28/04	I-001883	The daily maximum concentration permit limit was exceeded	Free Cyanide	43.4 ug/L	Outfall 200 - combined 005 and 010 outfalls	Extra samples taken at various areas in Coke Plant to begin investigation
12/28/04	I-001882	The daily maximum load permit limit was exceeded	Free Cyanide	16.1 lbs	Outfall 200 - combined 005 and 010 outfalls	Extra samples taken at various areas in Coke Plant to begin investigation
12/28/04	I-001881	The daily maximum concentration permit limit was exceeded	Free Cyanide	48.1 ug/L	Outfall 200 - combined 005 and 010 outfalls	Extra samples taken at various areas in Coke Plant to begin investigation
12/29/04	I-001892	Buchanan Street Sanitary Lift Station outlet appears to have crack in line. Sanitary water (no solids) coming through grating and entering clean water sewer drain. This drain empties to Gary Works NPDES Outfall 033.	Sanitary Water (no solids)	Unknown	Buchanan Street Sanitary Lift Station	KM Services called out immediately to pump water to an adjacent downstream sanitary sewer manhole. When level is below the crack, proper repairs will be made to the line.
12/30/04	I-001897	The daily maximum load permit limit was exceeded	Free Cyanide	20.7 lbs	Outfall 200 - combined 005 and 010 outfalls	Extra samples taken at various areas in the Coke Plant to begin investigation process. Coke Plant DeSulf Plant Shut Down!
12/30/04	I-001896	The daily maximum concentration permit was exceeded	Free Cyanide	61.4 ug/L	Outfall 200 - combined 005 and 010 outfalls	Extra samples taken at various areas in the Coke Plant to begin investigation process. Coke Plant DeSulf Plant Shut Down!
12/31/04	I-001925	The monthly average load permit limit was exceeded	Free Cyanide	6.57 lbs	Outfall 200 - combined 005 and 010 outfalls	See incident 1881 - Shut down desulph plant on 12/28 and replaced unit on 12/30.
12/31/04	I-001924	The monthly average concentration permit limit was exceeded	Free Cyanide	19.6 ug/L	Outfall 200 - combined 005 and 010 outfalls	See incident #1881 - shut down desulph plant on 12/28 and replaced unit on 12/30
01/04/05	I-001928	The daily maximum load permit limit was exceeded	Total Recoverable Chromium	78.67 lbs	Outfall 034	Switched back to liquid polymer system. Extra samples taken at chrome clarifier and ST-17 manhole to ensure polymer is working.
01/25/05	I-001966	Slurry lift transfer pumps failed causing water to overflow onto ground. Approx. 41,000 gal. went to soil. Rest contained in north ore yard and paved areas.	Water	41,000 gallons	Outside ground south and east of 13 Blast furnace	Installing temporary pumps and built dikes for containment.
01/28/05	I-001971	Blast furnace recycle water spilled onto ground and flowed to area of #5 power house and central water treatment plant. Approx. 200 gallons entered clean water sewer at central water treatment plant.	Recycle Water	200 gallons	Central water treatment and 5 power house	Spread sand to contain the overflow and blocked sewers and shut down furnace to replace pumps.
01/29/05	I-001972	Bleeder valve plugged with tar melted out plug and opened up spilling dehydrated tar on the ground	Dehydrated Tar	1000 gallons	H400 heater in coke plant chemicals division	Clean up by crew and G and B

Appendix D – Significant Spill and Release Events
January 1, 2004 through September 30, 2007

Date	Incident Number	Description	Materials Released	Estimated Release	Release Location	Remediation/ Cleanup Measures
01/30/05	I-001975	Water spilled from discharge pipe onto the ground and into storm water system.	Water	10,000 gallons	T1 pump station	Shut down tin mill and T1 pump station. Made temporary repairs to pipe. Tin mill back running (8:45am).
02/06/05	I-002004	Diesel oil spill	Diesel oil	2000 gallons	East docks fuel station	Pump truck removed spilled fuel. Placed sand to absorb spill and area will be cleaned with payloader and transported to landfill's designated area.
02/21/05	I-002038	Hydraulic oil	Hydraulic oil	Unknown	#6 Bfce	Boom placed across river. Heritage on scene
02/22/05	I-002043	Containment on overflowed pitch trap flushing liquor onto pusher pads	Flushing Liquor	20,000 gallons	5 and 7 Batteries pusher pad	Added coal fines to stop leak and used vacuum truck to remove spill
02/28/05	I-002069	NPDES daily max load exceeded at Outfall 603	TSS	41,057 pounds	Outfall 603	To Be Determined
03/01/05	I-002077	NPDES daily max load exceeded	Total Recoverable Chromium	80.04 pounds	Outfall 034	To Be Determined
04/04/05	I-002208	Possible oil sheen noticed on surface of lake.	Oil	Unknown	Lake Michigan	Environmental notified to determine material. Determined to be dust settled on lake surface.
05/05/05	I-002301	Oil	Oil	Unknown	Outfall 19	Blooms deployed at two locations
05/09/05	I-002322	Keith Kolb Reported Multiple Oil Plumes in River	Oil	Unknown	Grand calumet River by Main Office	LD notified Environmental
05/26/05	I-002394	Iridescent oil seen on the Grand Cal River in the vicinity of Outfall 010.	Oil	Unknown	Grand Cal River in the vicinity of Outfall 010	Investigation at the Precarbs, Compressor Building, etc (per the LDDs)
06/08/05	I-002442	No. 1 rectifier transformer developed leak of PCB fluid. E.D. suspect bushing inside transformer leaking. Approx 2-gallons of PCB fluid released to ground beneath transformer before leak discovered and contained.	PCB Fluid	2 gallons	No. 1 BOP Rectifier Sub Transformer	Drip pan has been placed underneath leak and fluids are being absorbed onto pillows and pads. Electrical Dist. is monitoring drip pan on frequent basis until a permanent corrective action is developed.
06/28/05	I-002521	Oil sheen at outfall 039 to Lake Michigan	Oil	Unknown	Outfall 039	Security & Heritage deployed booms .
08/08/05	I-002692	Oil on river.	Oil	Unknown	Grand Calumet River, Virginia St	Plant Security placing booms on river at Broadway. LD request BHSM investigate oil skimmer system. LD request SB Area SM to investigate area
09/13/05	I-002834	PCB Leaking from south side of #2 rectifier transformer tank	PCB	2 Quarts	1 Bop main sub outside rectifier Transformer	Oil dry applied and surrounded by oil absorbing socks.

Appendix D – Significant Spill and Release Events
January 1, 2004 through September 30, 2007

Date	Incident Number	Description	Materials Released	Estimated Release	Release Location	Remediation/ Cleanup Measures
8/7/06	I-003575	Release from 14 BF, hydraulic fluid	Hydraulic fluid		14 BF	
11/1/06	I-003751	NPDES Permit limit exceeded	Zinc		Outfall 603	
3/6/07	I-003873	NPDES Permit limit exceeded	BaP		Outfall 200	
4/12/07	I-003915	NPDES Permit limit exceeded	BaP		Outfall 200	
5/25/07	I-003967	NPDES Permit limit exceeded	BaP		Outfall 200	
6/13/07	I-003985	NPDES Permit limit exceeded	BaP		Outfall 200	
6/18/07	I-003989	NPDES Permit limit exceeded	BaP		Outfall 200	
6/25/07	I-004000	NPDES Permit limit exceeded	BaP		Outfall 200	
8/24/07	I-004071	Visible oil sheen on Grand Calumet River	Oil	Unknown	Grand Calumet River	

APPENDIX E

STORM WATER SAMPLING DATA
(CURRENT AS OF DATE OF THIS PLAN)

(REFER TO ELECTRONIC DATA FILES, CURRENT YEAR-TO-DATE DATA IS AVAILABLE AT THE ENVIRONMENTAL CONTROL OFFICE)

STL

ANALYTICAL REPORT

Job Number: 510-12624-1

Job Description: STORMWATER

For:
United States Steel Corporation
1 North Broadway
Gary, IN 46402

Attention: Mardanna D Soto

Amanda Shebish

Amanda E Shebish
Project Manager I
ashebish@stl-inc.com
06/13/2007

cc: Matt R Sutter

Project Manager: Maggie A Tanner

The test results in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Severn Trent Laboratories, Inc.
STL Valparaiso 2400 Cumberland Drive, Valparaiso, IN 46383
Tel (219) 464-2389 Fax (219) 462-2953 www.stl-inc.com

Comments
No additional comments.

II. Receipt
All samples were received in good condition within temperature requirements.

III. Metals
No analytical or quality issues were noted.

IV. Field Service / Mobile Lab
No analytical or quality issues were noted.

V. General Chemistry
Method 351.2: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 17793 was outside control limits. The associated laboratory control standard (LCS) met acceptance criteria. The relative precision duplicate (RPD) was above the acceptance criteria. Sample will be re distilled and reanalyzed.

Method 5210B: (Method 5210B, Batch 17603) The glucose-glutamic acid standard recovered outside the established recovery limits for carbonaceous biological oxygen demand (CBOD).

No other analytical or quality issues were noted.

METHOD / ANALYST SUMMARY

Client: United States Steel Corporation

Job Number: 510-12624-1

Method	Analyst	Analyst ID
EPA 200.8	Hamner, Barb J	BJH
EPA Field Sampling	Analysts, Field/Sub	FA
EPA-01 1664A	Marinkovich, Joann E	JEM
SM18 2540D	Bultema, Harvey	HB
MCAWW 350.1	Rainwater, Nicole L	NLR
MCAWW 350.1	Schafer, Wendy M	WMS
MCAWW 351.2	Rainwater, Nicole L	NLR
MCAWW 353.2	Schafer, Wendy M	WMS
EPA 365.1	Rainwater, Nicole L	NLR
SM18 4500-CN E	Finniss, Gary M	GMF
SM20 5210B	Boyd, Dan W	DWB
SM20 Hach 8000	Finniss, Gary M	GMF
SM20 Hach 8000	Schafer, Wendy M	WMS

SAMPLE SUMMARY

Client: United States Steel Corporation

Job Number: 510-12624-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-12624-1	SW-08 GRAB	Water	05/15/2007 1436	05/15/2007 1915
510-12624-2	SW-08 COMP	Water	05/15/2007 1436	05/15/2007 1915
510-12624-3	134 GRAB	Water	05/15/2007 1452	05/15/2007 1915
510-12624-4	134 COMP	Water	05/15/2007 1452	05/15/2007 1915
510-12624-5	SW-11 GRAB	Water	05/15/2007 1455	05/15/2007 1915
510-12624-6	SW-11 COMP	Water	05/15/2007 1455	05/15/2007 1915
510-12624-7	SW-01 GRAB	Water	05/15/2007 1500	05/15/2007 1915
510-12624-8	SW-01 COMP	Water	05/15/2007 1500	05/15/2007 1915
510-12624-9	SW-02 GRAB	Water	05/15/2007 1515	05/15/2007 1915
510-12624-10	SW-02 COMP	Water	05/15/2007 1515	05/15/2007 1915
510-12624-11	EJ&E GRAB	Water	05/15/2007 1517	05/15/2007 1915
510-12624-12	EJ&E COMP	Water	05/15/2007 1517	05/15/2007 1915
510-12624-13	SW-10 GRAB	Water	05/15/2007 1518	05/15/2007 1915
510-12624-14	SW-10 COMP	Water	05/15/2007 1518	05/15/2007 1915
510-12624-15	SW-06 GRAB	Water	05/15/2007 1539	05/15/2007 1915
510-12624-16	SW-06 COMP	Water	05/15/2007 1539	05/15/2007 1915

Mardanna D Soto
United States Steel Corporation
1 North Broadway
Gary, IN 46402

Job Number: 510-12624-1
Lab Sample Id: 510-12624-1
Client Matrix: Water
Date Sampled: 05/15/2007 1436
Date Received: 05/15/2007 1915

Client Sample ID: SW-08 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.37	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1734	1.0
Zinc	7.1	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1734	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	9.50	SU		Field Sampling		05/15/2007 1436	1.0
GENERAL CHEMISTRY							
HEM (Oil & Grease)	30	mg/L	2.1	1664A	05/17/2007 1422	05/17/2007 1422	1.0
Total Suspended Solids	1600	mg/L	20	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.51	mg/L	0.020	350.1		05/21/2007 1820	1.0
Nitrogen, Kjeldahl	2.5	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1215	1.0
Nitrogen, Nitrate Nitrite	0.95	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	1.5	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1653	1.0
Biochemical Oxygen Demand	28	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	59	mg/L	20	Hach 8000		05/17/2007 1649	1.0

Mardanna D Soto
United States Steel Corporation
1 North Broadway
Gary, IN 46402

Job Number: 510-12624-1
Lab Sample Id: 510-12624-2
Client Matrix: Water
Date Sampled: 05/15/2007 1436
Date Received: 05/15/2007 1915

Client Sample ID: SW-08 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.46	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1740	1.0
Zinc	9.4	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1740	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	2000	mg/L	20	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.48	mg/L	0.020	350.1		05/21/2007 1822	1.0
Nitrogen, Kjeldahl	2.5	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1216	1.0
Nitrogen, Nitrate Nitrite	1.4	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	1.9	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1727	1.0
Biochemical Oxygen Demand	29	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	63	mg/L	20	Hach 8000		05/17/2007 1649	1.0

Mardanna D Soto
United States Steel Corporation
1 North Broadway
Gary, IN 46402

Job Number: 510-12624-1
Lab Sample Id: 510-12624-3
Client Matrix: Water
Date Sampled: 05/15/2007 1452
Date Received: 05/15/2007 1915

Client Sample ID: 134 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.023	mg/L	0.00050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1746	1.0
Zinc	0.17	mg/L	0.0020	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1746	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	8.00	SU		Field Sampling		05/15/2007 1452	1.0
GENERAL CHEMISTRY							
HEM (Oil & Grease)	8.1	mg/L	2.0	1664A	05/18/2007 1108	05/18/2007 1108	1.0
Total Suspended Solids	710	mg/L	20	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	4.2	mg/L	0.20	350.1		05/24/2007 1835	10
Nitrogen, Kjeldahl	9.2	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1221	1.0
Nitrogen, Nitrate Nitrite	2.1	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	0.43	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1730	1.0
Biochemical Oxygen Demand	19	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	150	mg/L	20	Hach 8000		05/17/2007 1649	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-4
Client Matrix: Water
Date Sampled: 05/15/2007 1452
Date Received: 05/15/2007 1915

Client Sample ID: 134 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.047	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1753	1.0
Zinc	0.41	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1753	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	630	mg/L	20	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	4.3	mg/L	0.20	350.1		05/24/2007 1836	10
Nitrogen, Kjeldahl	8.4	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1222	1.0
Nitrogen, Nitrate Nitrite	2.1	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	0.74	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1732	1.0
Biochemical Oxygen Demand	16	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	45	mg/L	20	Hach 8000		05/17/2007 1649	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-5
Client Matrix: Water
Date Sampled: 05/15/2007 1455
Date Received: 05/15/2007 1915

Client Sample ID: SW-11 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.10	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1759	1.0
Zinc	0.56	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1759	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	8.20	SU		Field Sampling		05/15/2007 1455	1.0
GENERAL CHEMISTRY							
HEM (Oil & Grease)	4.1	mg/L	2.0	1664A	05/18/2007 1108	05/18/2007 1108	1.0
Total Suspended Solids	230	mg/L	4.0	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.58	mg/L	0.020	350.1		05/21/2007 1828	1.0
Nitrogen, Kjeldahl	1.6	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1227	1.0
Nitrogen, Nitrate Nitrite	0.65	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	<0.10	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1735	1.0
Biochemical Oxygen Demand	9.4	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	38	mg/L	20	Hach 8000		05/17/2007 1649	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-6
Client Matrix: Water
Date Sampled: 05/15/2007 1455
Date Received: 05/15/2007 1915

Client Sample ID: SW-11 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.038	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1805	1.0
Zinc	0.26	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1805	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	290	mg/L	4.0	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.86	mg/L	0.020	350.1		05/21/2007 1830	1.0
Nitrogen, Kjeldahl	2.0	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1228	1.0
Nitrogen, Nitrate Nitrite	0.94	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	0.31	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1738	1.0
Biochemical Oxygen Demand	23	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	98	mg/L	20	Hach 8000		05/17/2007 1649	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-7
Client Matrix: Water
Date Sampled: 05/15/2007 1500
Date Received: 05/15/2007 1915

Client Sample ID: SW-01 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.086	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1811	1.0
Zinc	0.42	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1811	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	10.10	SU		Field Sampling		05/15/2007 1500	1.0
GENERAL CHEMISTRY							
HEM (Oil & Grease)	6.4	mg/L	2.0	1664A	05/18/2007 1108	05/18/2007 1108	1.0
Total Suspended Solids	430	mg/L	10	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.36	mg/L	0.020	350.1		05/21/2007 1836	1.0
Nitrogen, Kjeldahl	1.9	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1233	1.0
Nitrogen, Nitrate Nitrite	1.1	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	1.1	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1741	1.0
Biochemical Oxygen Demand	11	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	54	mg/L	20	Hach 8000		05/17/2007 1649	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-8
Client Matrix: Water
Date Sampled: 05/15/2007 1500
Date Received: 05/15/2007 1915

Client Sample ID: SW-01 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.088	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1947	1.0
Zinc	0.50	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1947	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	1100	mg/L	20	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.42	mg/L	0.020	350.1		05/21/2007 1838	1.0
Nitrogen, Kjeldahl	1.5	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1321	1.0
Nitrogen, Nitrate Nitrite	1.1	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	1.1	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1749	1.0
Biochemical Oxygen Demand	10	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	300	mg/L	20	Hach 8000		05/18/2007 1430	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-9
Client Matrix: Water
Date Sampled: 05/15/2007 1515
Date Received: 05/15/2007 1915

Client Sample ID: SW-02 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.053	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1953	1.0
Zinc	0.73	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1953	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	9.40	SU		Field Sampling		05/15/2007 1515	1.0
GENERAL CHEMISTRY							
HEM (Oil & Grease)	5.5	mg/L	2.0	1664A	05/18/2007 1108	05/18/2007 1108	1.0
Total Suspended Solids	350	mg/L	10	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.43	mg/L	0.020	350.1		05/21/2007 1840	1.0
Nitrogen, Kjeldahl	1.4	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1240	1.0
Nitrogen, Nitrate Nitrite	0.91	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	0.62	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1752	1.0
Biochemical Oxygen Demand	11	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	120	mg/L	20	Hach 8000		05/18/2007 1430	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-10
Client Matrix: Water
Date Sampled: 05/15/2007 1515
Date Received: 05/15/2007 1915

Client Sample ID: SW-02 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.054	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1959	1.0
Zinc	0.78	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 1959	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	510	mg/L	20	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.41	mg/L	0.020	350.1		05/21/2007 1842	1.0
Nitrogen, Kjeldahl	<0.50	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1603	1.0
Nitrogen, Nitrate Nitrite	0.81	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	0.62	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1656	1.0
Biochemical Oxygen Demand	9.7	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	140	mg/L	20	Hach 8000		05/18/2007 1430	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-11
Client Matrix: Water
Date Sampled: 05/15/2007 1517
Date Received: 05/15/2007 1915

Client Sample ID: EJ&E GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Chromium	<0.010	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2005	1.0
Lead	<0.0050	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2005	1.0
Zinc	<0.010	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2005	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	7.70	SU		Field Sampling		05/15/2007 1517	1.0
GENERAL CHEMISTRY							
HEM (Oil & Grease)	<2.1	mg/L	2.1	1664A	05/17/2007 1422	05/17/2007 1422	1.0
Total Suspended Solids	13	mg/L	1.4	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.50	mg/L	0.020	350.1		05/21/2007 1844	1.0
Nitrogen, Kjeldahl	0.84	mg/L	0.50	351.2	05/29/2007 1600	05/30/2007 1252	1.0
Nitrogen, Nitrate Nitrite	0.34	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	<0.10	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1659	1.0
Cyanide, Total	0.0072	mg/L	0.0050	4500-CN E	05/22/2007 1400	05/23/2007 1800	1.0
Carbonaceous Biochemical Oxygen	<2.0 *	mg/L	2.0	5210B		05/16/2007 1915	1.0
Biochemical Oxygen Demand	4.8	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	<20	mg/L	20	Hach 8000		05/21/2007 1559	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-12
Client Matrix: Water
Date Sampled: 05/15/2007 1517
Date Received: 05/15/2007 1915

Client Sample ID: EJ&E COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Chromium	<0.010	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2011	1.0
Lead	<0.0050	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2011	1.0
Zinc	<0.010	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2011	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	6.5	mg/L	1.3	2540D		05/16/2007 1137	1.0
Ammonia, undistilled	0.58	mg/L	0.020	350.1		05/21/2007 1850	1.0
Nitrogen, Kjeldahl	0.99	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1257	1.0
Nitrogen, Nitrate Nitrite	0.31	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	<0.10	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1701	1.0
Cyanide, Total	0.011	mg/L	0.0050	4500-CN E	05/20/2007 1500	05/21/2007 1731	1.0
Carbonaceous Biochemical Oxygen	<2.0 *	mg/L	2.0	5210B		05/16/2007 1915	1.0
Biochemical Oxygen Demand	4.1	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	<20	mg/L	20	Hach 8000		05/18/2007 1430	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-13
Client Matrix: Water
Date Sampled: 05/15/2007 1518
Date Received: 05/15/2007 1915

Client Sample ID: SW-10 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.16	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2017	1.0
Zinc	1.8	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2017	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	8.90	SU		Field Sampling		05/15/2007 1518	1.0
GENERAL CHEMISTRY							
HEM (Oil & Grease)	67	mg/L	2.1	1664A	05/18/2007 1108	05/18/2007 1108	1.0
Total Suspended Solids	860	mg/L	20	2540D		05/17/2007 0851	1.0
Ammonia, undistilled	1.1	mg/L	0.020	350.1		05/21/2007 1852	1.0
Nitrogen, Kjeldahl	4.1	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1258	1.0
Nitrogen, Nitrate Nitrite	1.6	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	0.72	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1715	1.0
Biochemical Oxygen Demand	61	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	940	mg/L	20	Hach 8000		05/18/2007 1430	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-14
Client Matrix: Water
Date Sampled: 05/15/2007 1518
Date Received: 05/15/2007 1915

Client Sample ID: SW-10 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.10	mg/L	0.0050	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2024	1.0
Zinc	0.83	mg/L	0.010	200.8-Total Recoverable	05/17/2007 0945	05/17/2007 2024	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	160	mg/L	10	2540D		05/17/2007 0851	1.0
Ammonia, undistilled	1.1	mg/L	0.020	350.1		05/21/2007 1854	1.0
Nitrogen, Kjeldahl	4.5	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1303	1.0
Nitrogen, Nitrate Nitrite	1.4	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	0.69	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1718	1.0
Biochemical Oxygen Demand	22	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	560	mg/L	20	Hach 8000		05/18/2007 1430	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-15
Client Matrix: Water
Date Sampled: 05/15/2007 1539
Date Received: 05/15/2007 1915
% Moisture:

Client Sample ID: SW-06 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
FIELD SERVICE / MOBILE LAB							
Field pH	10.50	SU		Field Sampling		05/15/2007 1539	1.0
GENERAL CHEMISTRY							
HEM (Oil & Grease)	20	mg/L	2.0	1664A	05/18/2007 1108	05/18/2007 1108	1.0
Total Suspended Solids	2700	mg/L	20	2540D		05/17/2007 0851	1.0
Ammonia, undistilled	0.24	mg/L	0.020	350.1		05/24/2007 1839	1.0
Nitrogen, Kjeldahl	1.4	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1304	1.0
Nitrogen, Nitrate Nitrite	1.1	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	2.1	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1721	1.0
Biochemical Oxygen Demand	8.6	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	350	mg/L	20	Hach 8000		05/18/2007 1430	1.0

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Job Number: 510-12624-1
Lab Sample Id: 510-12624-16
Client Matrix: Water
Date Sampled: 05/15/2007 1539
Date Received: 05/15/2007 1915

Client Sample ID: SW-06 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GENERAL CHEMISTRY							
Total Suspended Solids	1200	mg/L	20	2540D		05/17/2007 0851	1.0
Ammonia, undistilled	0.27	mg/L	0.020	350.1		05/24/2007 1840	1.0
Nitrogen, Kjeldahl	1.8	mg/L	0.50	351.2	05/16/2007 1510	05/21/2007 1309	1.0
Nitrogen, Nitrate Nitrite	0.78	mg/L	0.10	353.2	05/19/2007 1042	05/19/2007 1042	1.0
Phosphorus, Total	1.8	mg/L	0.10	365.1	05/22/2007 1700	05/23/2007 1724	1.0
Biochemical Oxygen Demand	8.2	mg/L	2.0	5210B		05/16/2007 1515	1.0
Chemical Oxygen Demand	660	mg/L	20	Hach 8000		05/18/2007 1430	1.0

DATA REPORTING QUALIFIERS

Client: United States Steel Corporation

Job Number: 510-12624-1

Lab Section	Qualifier	Description
General Chemistry		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	15-May-07
Event Start Time:	14:58
Event Finish Time:	17:58
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.7
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	4.0
Total Flow from Event (gallons):	504
Season Samples were Collected:	Spring
Form of Precipitation:	Rain

Site: SW - 01
Drainage Area: 11
Description: **East Side of Slip (LM)**

Grab Samples Collected at: 14:58

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
14:58		2.0	286
15:18		4.0	571
15:38		4.0	571
15:58		3.0	429
16:18		3.0	429
16:38		2.0	286
16:58		3.0	429
17:18		3.0	429
17:38		2.0	286
17:58		2	286

Total Event Flow, Gallons	504	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	15-May-07
Event Start Time:	14:58
Event Finish Time:	17:58
Site:	SW - 01
Drainage Area:	11
Description:	**East Side of Slip (LM)**

Method	Parameter	Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	430	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	6.4	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.09	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	0.42	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.36	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	1.9	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	1.1	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	1.1	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	11	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	54	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	10.1	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	504	1100	4.624
EPA 200.8	Lead (Pb)	Composite	504	0.09	0.0004
EPA 200.8	Zinc (Zn)	Composite	504	0.5	0.002
EPA 350.1	Ammonia (NH3), as N	Composite	504	0.4	0.002
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	504	1.5	0.006
EPA 353.2	Nitrate + Nitrite as N	Composite	504	1.1	0.005
EPA 365.1	Phosphorus, Total	Composite	504	1.1	0.005
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	504	10	0.042
Hach 8000	Chemical Oxygen Demand (COD)	Composite	504	300	1.261

"*"-Load is pounds discharged for the duration of sampled period(180 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	15-May-07
Event Start Time:	14:14
Event Finish Time:	18:14
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.70
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	6.0
Total Flow from Event (gallons):	666
Season Samples were Collected:	Spring
Form of Precipitation:	Rain

Site: SW - 02
Drainage Area: 11
Description: **West Side of Slip (LM)**

Grab Samples Collected at: 15:15

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
15:15		3.0	324
15:35		5.0	541
15:55		6.0	649
16:15		6.0	649
16:35		4.0	432
16:55		4.0	432
17:15		3.0	324
17:35		3.0	324
17:55		2.0	216
18:15		1	108

Total Event Flow, Gallons	666	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	15-May-07
Event Start Time:	14:14
Event Finish Time:	18:14
Site:	SW - 02
Drainage Area:	11
Description:	**West Side of Slip (LM)**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	350	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	5.5	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.05	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	0.73	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.4	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	1.4	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	0.9	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	0.6	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	11	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	120	N/A
EPA 150.1	pH Measurement In the Field	Grab	N/A	9.4	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	666	510	2.833
EPA 200.8	Lead (Pb)	Composite	666	0.05	0.0003
EPA 200.8	Zinc (Zn)	Composite	666	0.78	0.004
EPA 350.1	Ammonia (NH3), as N	Composite	666	0.4	0.002
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	666	< 0.5	< 0.003
EPA 353.2	Nitrate + Nitrite as N	Composite	666	0.8	0.004
EPA 365.1	Phosphorus, Total	Composite	666	0.6	0.003
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	666	9.7	0.054
Hach 8000	Chemical Oxygen Demand (COD)	Composite	666	140	0.778

"*"-Load is pounds discharged for the duration of sampled period(180 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	15-May-07
Event Start Time:	15:39
Event Finish Time:	18:39
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.70
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	3.0
Total Flow from Event (gallons):	540
Season Samples were Collected:	Spring
Form of Precipitation:	Rain

Site: SW-06
Drainage Area: 29
Description: **Railroad Lines (LM)**

Grab Samples Collected at: 15:39

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
15:39		3	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	540	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	15-May-07
Event Start Time:	15:39
Event Finish Time:	18:39
Site:	SW-06
Drainage Area:	29
Description:	**Railroad Lines (LM)**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	2700	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	20	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.2	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	1.4	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	1.1	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	2.1	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	8.6	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	350	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	10.5	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	540	1200	5.4
EPA 350.1	Ammonia (NH3), as N	Composite	540	0.3	0.001
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	540	1.8	0.008
EPA 353.2	Nitrate + Nitrite as N	Composite	540	0.8	0.004
EPA 365.1	Phosphorus, Total	Composite	540	1.8	0.008
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	540	8.2	0.037
Hach 8000	Chemical Oxygen Demand (COD)	Composite	540	660	2.972

"*"-Load is pounds discharged for the duration of sampled period(180 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	15-May-07
Event Start Time:	14:36
Event Finish Time:	17:36
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.70
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	10.0
Total Flow from Event (gallons):	1800
Season Samples were Collected:	Spring
Form of Precipitation:	Rain

Site: SW - 08
Drainage Area: 32
Description: Virginia Tunnel Drain

Grab Samples Collected at: 14:36

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
14:36		10	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	1800	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	15-May-07
Event Start Time:	14:36
Event Finish Time:	17:36
Site:	SW - 08
Drainage Area:	32
Description:	Virginia Tunnel Drain

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	1600	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	30	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.37	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	7.1	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.5	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	2.5	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	1.0	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	1.5	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	28	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	59	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	9.5	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	1800	2000	30.0
EPA 200.8	Lead (Pb)	Composite	1800	0.5	0.007
EPA 200.8	Zinc (Zn)	Composite	1800	9.4	0.141
EPA 350.1	Ammonia (NH3), as N	Composite	1800	0.5	0.007
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	1800	2.5	0.038
EPA 353.2	Nitrate + Nitrite as N	Composite	1800	1.4	0.021
EPA 365.1	Phosphorus, Total	Composite	1800	1.9	0.029
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	1800	29	0.435
Hach 8000	Chemical Oxygen Demand (COD)	Composite	1800	63	0.95

"*"-Load is pounds discharged for the duration of sampled period(180 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	15-May-07
Event Start Time:	15:18
Event Finish Time:	18:18
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.70
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	5.0
Total Flow from Event (gallons):	900
Season Samples were Collected:	Spring
Form of Precipitation:	Rain

Site: SW-10
Drainage Area:
Description: **Tennessee Drain (GCR)**

Grab Samples Collected at: 15:18

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
15:18		5	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	900	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	15-May-07
Event Start Time:	15:18
Event Finish Time:	18:18
Site:	SW-10
Drainage Area:	
Description:	**Tennessee Drain (GCR)**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	860	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	67	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.16	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	1.8	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	1.1	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	4.1	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	1.6	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	0.7	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	61	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	940	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	8.9	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	900	160	1.2
EPA 200.8	Lead (Pb)	Composite	900	0.1	0.001
EPA 200.8	Zinc (Zn)	Composite	900	0.8	0.006
EPA 350.1	Ammonia (NH3), as N	Composite	900	1.1	0.008
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	900	4.5	0.034
EPA 353.2	Nitrate + Nitrite as N	Composite	900	1.4	0.011
EPA 365.1	Phosphorus, Total	Composite	900	0.7	0.005
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	900	22	0.165
Hach 8000	Chemical Oxygen Demand (COD)	Composite	900	560	4.20

"*"-Load is pounds discharged for the duration of sampled period(180 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	15-May-07
Event Start Time:	14:55
Event Finish Time:	17:55
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.70
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	10.0
Total Flow from Event (gallons):	1800
Season Samples were Collected:	Spring
Form of Precipitation:	Rain

Site: SW - 11
Drainage Area: 10
Description: **Broadway Tunnel Drain**

Grab Samples Collected at: 14:55

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
14:55		10	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	1800	Total Volume	4000

Revision: 000
Effective: 3/21/97

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	15-May-07
Event Start Time:	14:55
Event Finish Time:	17:55
Site:	SW - 11
Drainage Area:	10
Description:	**Broadway Tunnel Drain**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	230	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	4.1	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.10	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	0.56	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.6	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	1.6	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	0.7	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	< 0.1	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	9.4	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	38	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	8.2	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	1800	290	4.353
EPA 200.8	Lead (Pb)	Composite	1800	0.04	0.0006
EPA 200.8	Zinc (Zn)	Composite	1800	0.26	0.004
EPA 350.1	Ammonia (NH3), as N	Composite	1800	0.9	0.013
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	1800	2.0	0.030
EPA 353.2	Nitrate + Nitrite as N	Composite	1800	0.9	0.014
EPA 365.1	Phosphorus, Total	Composite	1800	0.3	0.005
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	1800	23	0.345
Hach 8000	Chemical Oxygen Demand (COD)	Composite	1800	98	1.471

"*"-Load is pounds discharged for the duration of sampled period(180 minutes).

FL:0087

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	15-May-07
Event Start Time:	14:52
Event Finish Time:	17:52
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.70
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	5.0
Total Flow from Event (gallons):	900
Season Samples were Collected:	Spring
Form of Precipitation:	Rain

Site: 134
Drainage Area:
Description: **Coke Plt Settling Basin to #5 Mason Basin**

Grab Samples Collected at: 14:52

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
14:52		5	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	900	Total Volume	4000

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USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	15-May-07
Event Start Time:	14:52
Event Finish Time:	17:52
Site:	134
Drainage Area:	
Description:	**Coke Plt Settling Basin to #5 Mason Basin**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	710	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	8.1	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.02	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	0.17	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	4.2	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	9.2	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	2.1	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	0.4	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	19	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	150	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	8.0	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	900	630	4.729
EPA 200.8	Lead (Pb)	Composite	900	0.05	0.00035
EPA 200.8	Zinc (Zn)	Composite	900	0.41	0.0031
EPA 350.1	Ammonia (NH3), as N	Composite	900	4.3	0.032
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	900	8.4	0.063
EPA 353.2	Nitrate + Nitrite as N	Composite	900	2.1	0.016
EPA 365.1	Phosphorus, Total	Composite	900	0.7	0.0056
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	900	16	0.120
Hach 8000	Chemical Oxygen Demand (COD)	Composite	900	45	0.338

"A"-Load is pounds discharged for the duration of sampled period(180 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	15-May-07
Event Start Time:	15:17
Event Finish Time:	18:17
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.70
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	55.0
Total Flow from Event (gallons):	6300
Season Samples were Collected:	Spring
Form of Precipitation:	Rain

Site: 034
Drainage Area:
Description: EJ&E Drainage (GCR)

Grab Samples Collected at: 15:17

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
15:17		35	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	6300	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	15-May-07
Event Start Time:	15:17
Event Finish Time:	18:17
Site:	034
Drainage Area:	
Description:	EJ&E Drainage (GCR)

Parameter		Sample Type	Flow	Concentration mg/L		Load*	
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A		13		N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	<	2.1		N/A
EPA 200.8	Chromium (Cr)	Grab	N/A	<	0.01		N/A
EPA 200.8	Lead (Pb)	Grab	N/A	<	0.005		N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	<	0.01		N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A		0.5		N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A		0.8		N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A		0.3		N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	<	0.1		N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A		4.8		N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	<	20		N/A
SM 5210B	Carbonaceous Biochemical Oxygen Demanc	Grab	N/A	<	2		N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A		7.7		N/A
4500_CN_E	Total Cyanide	Grab	N/A		0.007		N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	6300		6.5		0.342
EPA 200.8	Chromium (Cr)	Composite	6300	<	0.010	<	0.0005
EPA 200.8	Lead (Pb)	Composite	6300	<	0.005	<	0.0003
EPA 200.8	Zinc (Zn)	Composite	6300	<	0.010	<	0.0005
EPA 350.1	Ammonia (NH3), as N	Composite	6300		0.6		0.030
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	6300		1.0		0.052
EPA 353.2	Nitrate + Nitrite as N	Composite	6300		0.3		0.016
EPA 365.1	Phosphorus, Total	Composite	6300	<	0.10	<	0.005
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	6300		4.1		0.215
Hach 8000	Chemical Oxygen Demand (COD)	Composite	6300	<	20	<	1.051
SM 5210B	Carbonaceous Biochemical Oxygen Demanc	Composite	6300	<	2.0	<	0.105
4500_CN_E	Total Cyanide	Composite	6300		0.011		0.001

"*"-Load is pounds discharged for the duration of sampled period(180 minutes).

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17614

Method: 200.8
Preparation: 200.8
Total Recoverable

Lab Sample ID: MB 510-17614/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1608
Date Prepared: 05/17/2007 0945

Analysis Batch: 510-17677
Prep Batch: 510-17614
Units: mg/L

Instrument ID: TE ICPMS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Chromium	<0.010		0.010
Lead	<0.0050		0.0050
Zinc	<0.010		0.010

Lab Control Spike - Batch: 510-17614

Method: 200.8
Preparation: 200.8
Total Recoverable

Lab Sample ID: LCS 510-17614/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1614
Date Prepared: 05/17/2007 0945

Analysis Batch: 510-17677
Prep Batch: 510-17614
Units: mg/L

Instrument ID: TE ICPMS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chromium	0.200	0.197	99	85 - 115	
Lead	0.200	0.207	104	85 - 115	
Zinc	0.200	0.206	103	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17640

Method: 1664A
Preparation: 1664A

Lab Sample ID: MB 510-17640/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1422
Date Prepared: 05/17/2007 1422

Analysis Batch: 510-17641
Prep Batch: 510-17640
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<2.0		2.0

Lab Control Spike - Batch: 510-17640

Method: 1664A
Preparation: 1664A

Lab Sample ID: LCS 510-17640/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1422
Date Prepared: 05/17/2007 1422

Analysis Batch: 510-17641
Prep Batch: 510-17640
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
HEM (Oil & Grease)	40.1	39.7	99	78 - 114	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17706

Method: 1664A
Preparation: 1664A

Lab Sample ID: MB 510-17706/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2007 1108
Date Prepared: 05/18/2007 1108

Analysis Batch: 510-17707
Prep Batch: 510-17706
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<2.0		2.0

Lab Control Spike - Batch: 510-17706

Method: 1664A
Preparation: 1664A

Lab Sample ID: LCS 510-17706/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2007 1108
Date Prepared: 05/18/2007 1108

Analysis Batch: 510-17707
Prep Batch: 510-17706
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
HEM (Oil & Grease)	40.1	38.0	95	78 - 114	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17557

Method: 2540D
Preparation: N/A

Lab Sample ID: MB 510-17557/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1137
Date Prepared: N/A

Analysis Batch: 510-17557
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume:

Analyte	Result	Qual	RL
Total Suspended Solids	<1.0		1.0

Lab Control Spike - Batch: 510-17557

Method: 2540D
Preparation: N/A

Lab Sample ID: LCS 510-17557/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1137
Date Prepared: N/A

Analysis Batch: 510-17557
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	401	402	100	80 - 120	

Duplicate - Batch: 510-17557

Method: 2540D
Preparation: N/A

Lab Sample ID: 510-12624-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1137
Date Prepared: N/A

Analysis Batch: 510-17557
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	710	706	1	5	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17606

Method: 2540D
Preparation: N/A

Lab Sample ID: MB 510-17606/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 0851
Date Prepared: N/A

Analysis Batch: 510-17606
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume:

Analyte	Result	Qual	RL
Total Suspended Solids	<1.0		1.0

Lab Control Spike - Batch: 510-17606

Method: 2540D
Preparation: N/A

Lab Sample ID: LCS 510-17606/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 0851
Date Prepared: N/A

Analysis Batch: 510-17606
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	401	408	102	80 - 120	

Duplicate - Batch: 510-17606

Method: 2540D
Preparation: N/A

Lab Sample ID: 510-12624-15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 0851
Date Prepared: N/A

Analysis Batch: 510-17606
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	2700	2790	4	5	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17813

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 510-17813/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1810
Date Prepared: N/A

Analysis Batch: 510-17813
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL
Ammonia, undistilled	<0.020		0.020

Lab Control Spike - Batch: 510-17813

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 510-17813/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1808
Date Prepared: N/A

Analysis Batch: 510-17813
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia, undistilled	0.400	0.411	103	75 - 125	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-17813

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 510-12624-11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1846
Date Prepared: N/A

Analysis Batch: 510-17813
Prep Batch: N/A

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 510-12624-11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1848
Date Prepared: N/A

Analysis Batch: 510-17813
Prep Batch: N/A

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia, undistilled	107	102	75 - 125	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17971

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 510-17971/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1833
Date Prepared: N/A

Analysis Batch: 510-17971
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: mL
Final Weight/Volume: mL

Analyte	Result	Qual	RL
Ammonia, undistilled	<0.020		0.020

Lab Control Spike - Batch: 510-17971

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 510-17971/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1831
Date Prepared: N/A

Analysis Batch: 510-17971
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: mL
Final Weight/Volume: mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia, undistilled	0.400	0.399	100	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17593

Method: 351.2
Preparation: 351.2

Lab Sample ID: MB 510-17593/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1204
Date Prepared: 05/16/2007 1510

Analysis Batch: 510-17793
Prep Batch: 510-17593
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	RL
Nitrogen, Kjeldahl	<0.50		0.50

Lab Control Spike - Batch: 510-17593

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCS 510-17593/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1209
Date Prepared: 05/16/2007 1510

Analysis Batch: 510-17793
Prep Batch: 510-17593
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	5.00	4.64	93	80 - 120	

LCS-Standard Reference Material - Batch: 510-17593

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCSSRM 510-17593/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1210
Date Prepared: 05/16/2007 1510

Analysis Batch: 510-17793
Prep Batch: 510-17593
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	4.88	4.58	94	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-17593

Method: 351.2
Preparation: 351.2
Total/NA

MS Lab Sample ID:	510-12624-11	Analysis Batch: 510-17793	Instrument ID: Systea
Client Matrix:	Water	Prep Batch: 510-17593	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 20 mL
Date Analyzed:	05/21/2007 1609		Final Weight/Volume: 20 mL
Date Prepared:	05/16/2007 1510		

MSD Lab Sample ID:	510-12624-11	Analysis Batch: 510-17793	Instrument ID: Systea
Client Matrix:	Water	Prep Batch: 510-17593	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 20 mL
Date Analyzed:	05/21/2007 1614		Final Weight/Volume: 20 mL
Date Prepared:	05/16/2007 1510		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrogen, Kjeldahl	-11	76	75 - 125	132	20	F	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-18080

Method: 351.2
Preparation: 351.2

Lab Sample ID: MB 510-18080/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2007 1216
Date Prepared: 05/29/2007 1600

Analysis Batch: 510-18121
Prep Batch: 510-18080
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	RL
Nitrogen, Kjeldahl	<0.50		0.50

Lab Control Spike - Batch: 510-18080

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCS 510-18080/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2007 1221
Date Prepared: 05/29/2007 1600

Analysis Batch: 510-18121
Prep Batch: 510-18080
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	5.00	4.43	89	80 - 120	

LCS-Standard Reference Material - Batch: 510-18080

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCSSRM 510-18080/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2007 1222
Date Prepared: 05/29/2007 1600

Analysis Batch: 510-18121
Prep Batch: 510-18080
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	4.88	4.24	87	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17726

Method: 353.2
Preparation: 353.2

Lab Sample ID: MB 510-17726/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2007 1042
Date Prepared: 05/19/2007 1042

Analysis Batch: 510-17726
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea 1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL
Nitrogen, Nitrate Nitrite	<0.10		0.10

Lab Control Spike - Batch: 510-17726

Method: 353.2
Preparation: 353.2

Lab Sample ID: LCS 510-17726/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2007 1042
Date Prepared: 05/19/2007 1042

Analysis Batch: 510-17726
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea 1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Nitrate Nitrite	1.00	0.987	99	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17873

Method: 365.1
Preparation: 365.2/365.3/365

Lab Sample ID: MB 510-17873/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2007 1642
Date Prepared: 05/22/2007 1700

Analysis Batch: 510-17923
Prep Batch: 510-17873
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Phosphorus, Total	<0.10		0.10

Lab Control Spike - Batch: 510-17873

Method: 365.1
Preparation: 365.2/365.3/365

Lab Sample ID: LCS 510-17873/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2007 1645
Date Prepared: 05/22/2007 1700

Analysis Batch: 510-17923
Prep Batch: 510-17873
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phosphorus, Total	2.00	1.82	91	80 - 120	

LCS-Standard Reference Material - Batch: 510-17873

Method: 365.1
Preparation: 365.2/365.3/365

Lab Sample ID: LCSSRM 510-17873/25-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2007 1800
Date Prepared: 05/22/2007 1700

Analysis Batch: 510-17923
Prep Batch: 510-17873
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phosphorus, Total	1.39	1.28	92	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-17873

Method: 365.1
Preparation: 365.2/365.3/365

MS Lab Sample ID:	510-12624-12	Analysis Batch: 510-17923	Instrument ID: Systea
Client Matrix:	Water	Prep Batch: 510-17873	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	05/23/2007 1704		Final Weight/Volume: 50 mL
Date Prepared:	05/22/2007 1700		

MSD Lab Sample ID:	510-12624-12	Analysis Batch: 510-17923	Instrument ID: Systea
Client Matrix:	Water	Prep Batch: 510-17873	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	05/23/2007 1707		Final Weight/Volume: 50 mL
Date Prepared:	05/22/2007 1700		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phosphorus, Total	92	95	75 - 125	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17738

Method: 4500-CN E
Preparation: 4500-CN C

Lab Sample ID: MB 510-17738/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1731
Date Prepared: 05/20/2007 1500

Analysis Batch: 510-17868
Prep Batch: 510-17738
Units: mg/L

Instrument ID: OI Analytical - Flow Solutio
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Cyanide, Total	<0.0050		0.0050

Lab Control Spike - Batch: 510-17738

Method: 4500-CN E
Preparation: 4500-CN C

Lab Sample ID: LCS 510-17738/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1731
Date Prepared: 05/20/2007 1500

Analysis Batch: 510-17868
Prep Batch: 510-17738
Units: mg/L

Instrument ID: OI Analytical - Flow Solutio
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.0817	0.0755	92	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17832

Method: 4500-CN E
Preparation: 4500-CN C

Lab Sample ID: MB 510-17832/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2007 1800
Date Prepared: 05/22/2007 1400

Analysis Batch: 510-17930
Prep Batch: 510-17832
Units: mg/L

Instrument ID: OI Analytical - Flow Solutio
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Cyanide, Total	<0.0050		0.0050

Lab Control Spike - Batch: 510-17832

Method: 4500-CN E
Preparation: 4500-CN C

Lab Sample ID: LCS 510-17832/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2007 1800
Date Prepared: 05/22/2007 1400

Analysis Batch: 510-17930
Prep Batch: 510-17832
Units: mg/L

Instrument ID: OI Analytical - Flow Solutio
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.0817	0.0938	115	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Unseeded Control Blank - Batch: 510-17603

Method: 5210B
Preparation: N/A

Lab Sample ID: USB 510-17603/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1915
Date Prepared: N/A

Analysis Batch: 510-17603
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	Result	Qual	RL
Carbonaceous Biochemical Oxygen Demand	<2.0		2.0

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 510-17603

Method: 5210B
Preparation: N/A

LCS Lab Sample ID: LCS 510-17603/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1915
Date Prepared: N/A

Analysis Batch: 510-17603
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

LCSD Lab Sample ID: LCSD 510-17603/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1915
Date Prepared: N/A

Analysis Batch: 510-17603
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Carbonaceous Biochemical Oxygen Demand	75	75	82.16 -	0	30	*	*

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Unseeded Control Blank - Batch: 510-17604

Method: 5210B
Preparation: N/A

Lab Sample ID: USB 510-17604/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1515
Date Prepared: N/A

Analysis Batch: 510-17604
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	Result	Qual	RL
Biochemical Oxygen Demand	<2.0		2.0

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 510-17604

Method: 5210B
Preparation: N/A

LCS Lab Sample ID: LCS 510-17604/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1515
Date Prepared: N/A

Analysis Batch: 510-17604
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

LCSD Lab Sample ID: LCSD 510-17604/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2007 1515
Date Prepared: N/A

Analysis Batch: 510-17604
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Biochemical Oxygen Demand	93	95	84.6 -	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17644

Method: Hach 8000
Preparation: N/A

Lab Sample ID: MB 510-17644/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1649
Date Prepared: N/A

Analysis Batch: 510-17644
Prep Batch: N/A
Units: mg/L

Instrument ID: Thermo Spectronic - Genes
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Chemical Oxygen Demand	<20		20

Lab Control Spike - Batch: 510-17644

Method: Hach 8000
Preparation: N/A

Lab Sample ID: LCS 510-17644/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1649
Date Prepared: N/A

Analysis Batch: 510-17644
Prep Batch: N/A
Units: mg/L

Instrument ID: Thermo Spectronic - Genes
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	800	811	101	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-17644

Method: Hach 8000
Preparation: N/A

MS Lab Sample ID: 510-12624-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1649
Date Prepared: N/A

Analysis Batch: 510-17644
Prep Batch: N/A

Instrument ID: Thermo Spectronic -
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

MSD Lab Sample ID: 510-12624-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1649
Date Prepared: N/A

Analysis Batch: 510-17644
Prep Batch: N/A

Instrument ID: Thermo Spectronic - Genes
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chemical Oxygen Demand	106	105	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17697

Method: Hach 8000
Preparation: N/A

Lab Sample ID: MB 510-17697/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2007 1430
Date Prepared: N/A

Analysis Batch: 510-17697
Prep Batch: N/A
Units: mg/L

Instrument ID: Thermo Spectronic - Genes
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Chemical Oxygen Demand	<20		20

Lab Control Spike - Batch: 510-17697

Method: Hach 8000
Preparation: N/A

Lab Sample ID: LCS 510-17697/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2007 1430
Date Prepared: N/A

Analysis Batch: 510-17697
Prep Batch: N/A
Units: mg/L

Instrument ID: Thermo Spectronic - Genes
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	300	294	98	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-12624-1

Method Blank - Batch: 510-17792

Method: Hach 8000
Preparation: N/A

Lab Sample ID: MB 510-17792/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1559
Date Prepared: N/A

Analysis Batch: 510-17792
Prep Batch: N/A
Units: mg/L

Instrument ID: Thermo Spectronic - Genes
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Chemical Oxygen Demand	<20		20

Lab Control Spike - Batch: 510-17792

Method: Hach 8000
Preparation: N/A

Lab Sample ID: LCS 510-17792/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1559
Date Prepared: N/A

Analysis Batch: 510-17792
Prep Batch: N/A
Units: mg/L

Instrument ID: Thermo Spectronic - Genes
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	800	832	104	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

12624-1
-2

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event:	5-15-07
Event Start Time:	1436
Event Finish Time:	1736
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.7
No Hrs from Previous Storm:	~~3~~72
Maximum flow during event (gpm):	10
Total Flow from Event (gallons):	1800
Season Samples were Collected:	SPRING
Form of Precipitation:	Rain

Time Grab Samples Collected: 1436

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: Virginia Tunnel

12624-1

Parameter	Sample Type	Preserved
Lead	Grab	HNO3
Zinc	Grab	HNO3 Added one HNO3
BOD 5	Grab	None
COD	Grab	H2SO4
Ammonia	Grab	H2SO4
N-N-N	Grab	H2SO4
Oil & Grease	Grab	H2SO4
pH	Grab	None
T. Phosphorus	Grab	H2SO4
TKN	Grab	H2SO4
TSS	Grab	None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION -2

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

Parameter	Sample Type	Preserved
Lead	Composite	HNO3
Zinc	Composite	HNO3
BOD 5	Composite	None
COD	Composite	H2SO4
Ammonia	Composite	H2SO4
N-N-N	Composite	H2SO4
T. Phosphorus	Composite	H2SO4
TKN		H2SO4
TSS		None

Field pH:	
Result	9.5
Time	1440
Initials	MS
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm: 10	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	5/15/07 1915	[signature]	5/15/07 1915
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

FL:0087

12624-3
-4

Stormwater Sampling

Location:

Date of Storm Event:	5-15-07
Event Start Time:	1452
Event Finish Time:	1752
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.7
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	5
Total Flow from Event (gallons):	900
Season Samples were Collected:	SPRING
Form of Precipitation:	Rain

Time Grab Samples Collected: 1452

12624-3

Parameter	Sample Type	Preserved
BOD 5	Grab	None
COD	Grab	H2SO4
Ammonia	Grab	H2SO4
N-N-N	Grab	H2SO4
Oil & Grease	Grab	H2SO4
pH	Grab	None
T. Phosphorus	Grab	H2SO4
TKN	Grab	H2SO4
TSS	Grab	None
Lead	Grab	HNO3
Zinc	Grab	HNO3

Site: 134
Drainage Area:
Description: **Mason Basin**

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

-4

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

BOD 5	Composite	None
COD	Composite	H2SO4
Ammonia	Composite	H2SO4
N-N-N	Composite	H2SO4
T. Phosphorus	Composite	H2SO4
TKN	Composite	H2SO4
TSS	Composite	None
Lead	Composite	HNO3
Zinc	Composite	HNO3

Field pH: Result	8.0
Time	1455
Initials	MR

Comments: Composite Sampler used at discharge Pipe to Lagoon. Approximately 5 gpm Flow from pipe.

Relinquished By:	Date/Time	Received By:	Date/Time
Matt T-	1 STL 5-15-07 1915	Dab Richt	5/15/07 1915
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

12624-5
-6

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event:	5-15-07
Event Start Time:	1455
Event Finish Time:	1755
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.7
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	10
Total Flow from Event (gallons):	1800
Season Samples were Collected:	SPRING
Form of Precipitation:	Rain

Time Grab Samples Collected: 1455

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: Broadway Tunnel

	Parameter	Sample Type	Preserved
12624-5	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None Field
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
-6	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN		H2SO4
	TSS		None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

Field pH:	
Result	8.2
Time	1458
Initials	MS
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm: 10	10 gpm

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	5/15/07 1915	[signature]	5/15/07 1915
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

FL:0087

12624-7
-8

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event: ~~1458~~ 5-15-07
Event Start Time: 1458
Event Finish Time: 1758
Duration of Storm (minutes): 180
Total Rainfall During Event (inches): 0.7
No Hrs from Previous Storm: >72
Maximum flow during event (gpm): 4
Total Flow from Event (gallons): 504
Season Samples were Collected: Spring
Form of Precipitation: Rain

Time Grab Samples Collected: 1500

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: East Slip

	Parameter	Sample Type	Preserved
12624-7	Lead	Grab	HNO3 Add an 1ml HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
-8	Lead	Composite	HNO3 Add an 1ml HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN		H2SO4
	TSS		None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
1458		2	BF	286
1518		4		572
1538		4		572
1558		3		429
1618		3		429
1638		2		286
1658		3		429
1718		3		429
1738		2		286
1758		2		286
		28		
	Total Flow, gal.		Total Volume	4000 ml

Field pH:	
Result	10.1
Time	1500
Initials	BF
Autosampler Used:	
YES	(NO)
If Yes, Est Avg Flow, gpm:	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	5-15-07 1915	[signature]	5/15/07 1915
Relinquished By:	Date/Time	Received By:	Date/Time

12624-9
-10

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event: 5-15-07
Event Start Time: 1514
Event Finish Time: 1814
Duration of Storm (minutes): 180
Total Rainfall During Event (inches): 0.7"
No Hrs from Previous Storm: 72
Maximum flow during event (gpm): 6
Total Flow from Event (gallons): 666
Season Samples were Collected: SPRING
Form of Precipitation: Rain

Time Grab Samples Collected: 1515

	Parameter	Sample Type	Preserved
12624-9	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
-10	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN		H2SO4
	TSS		None

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: West Slip

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
1515		3	MR	324.3
1535		5		540.5
1555		6		648.6
1615		6		648.6
1635		4		432.4
1655		4		432.4
1715		3		324.3
1735		3		324.3
1755		2		216.2
1815		1		108.1
		37		
	Total Flow, gal.		Total Volume	4000 ml

Field pH:	
Result	9.4
Time	1520
Initials	MR
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm:	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
Matt [illegible] / STL	5-15-07 1915	[illegible]	5/15/07 1915
Relinquished By:	Date/Time	Received By:	Date/Time

12624 -11
-12

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event: 5-15-07
Event Start Time: 1517
Event Finish Time: 1817
Duration of Storm (minutes): 180
Total Rainfall During Event (inches): 0.7
No Hrs from Previous Storm: >72
Maximum flow during event (gpm): 55
Total Flow from Event (gallons): ~~9900~~ 6300*
Season Samples were Collected: Spring
Form of Precipitation: Rain

(Circle appropriate site ID)
Site: 034 / EJE

Drainage Area:
Description:

Time Grab Samples Collected: 1517

	Parameter	Sample Type	Preserved
12624-11	Chromium	Grab	HNO3
	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	CBOD5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	Cyanide, Total	Grab	NaOH — No Bottle Split from TSS Bottle and Added NaOH
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
-12	Chromium	Composite	HNO3
	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	CBOD5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	Cyanide, Total	Composite	NaOH — No Bottle Split from TSS Bottle and added NaOH
	T. Phosphorus	Composite	H2SO4
	TKN	Composite	H2SO4
	TSS	Composite	None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

Field pH:
Result 7.7
Time 1518
Initials BF

Autosampler Used:
YES | NO

If Yes, Est Avg Flow, gpm: 35

Comments: * 6300 Total flow based on average flow of 35 GPM. MS

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	5-15-07 1915	[signature]	5/15/07 1915
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

12624-13
-14

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event:	5/15/07
Event Start Time:	1518
Event Finish Time:	1818
Duration of Storm (minutes):	180
Total Rainfall During Event (inches):	0.7
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	5
Total Flow from Event (gallons):	900
Season Samples were Collected:	SPRING
Form of Precipitation:	Rain

Time Grab Samples Collected: 1518

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: Tennessee Drain

12624-13

Parameter	Sample Type	Preserved
Lead	Grab	HNO3
Zinc	Grab	HNO3
BOD 5	Grab	None
COD	Grab	H2SO4
Ammonia	Grab	H2SO4
N-N-N	Grab	H2SO4
Oil & Grease	Grab	H2SO4
pH	Grab	None
T. Phosphorus	Grab	H2SO4
TKN	Grab	H2SO4
TSS	Grab	None

Added 1 mL HNO3

-14

Lead	Composite	HNO3
Zinc	Composite	HNO3
BOD 5	Composite	None
COD	Composite	H2SO4
Ammonia	Composite	H2SO4
N-N-N	Composite	H2SO4
T. Phosphorus	Composite	H2SO4
TKN		H2SO4
TSS		None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

Field pH:	
Result	8.9
Time	1525
Initials	MS
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm: 5	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
Matt Smith	5/15/07 1915	Dob Richt	5/15/07 1915
Relinquished By:	Date/Time	Received By:	Date/Time

12624-15
-16

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event: 5-15-07
Event Start Time: 1539
Event Finish Time: 1839
Duration of Storm (minutes): MS ~~72~~ 180
Total Rainfall During Event (inches): 0.7
No Hrs from Previous Storm: >72
Maximum flow during event (gpm): 3
Total Flow from Event (gallons): 540
Season Samples were Collected: SPRING
Form of Precipitation: Rain

Time Grab Samples Collected: 1539

12624-15

Parameter	Sample Type	Preserved
BOD 5	Grab	None
COD	Grab	H2SO4
Ammonia	Grab	H2SO4
N-N-N	Grab	H2SO4
Oil & Grease	Grab	H2SO4 added 1 mL H2SO4
pH	Grab	None
T. Phosphorus	Grab	H2SO4
TKN	Grab	H2SO4
TSS	Grab	None

(Circle appropriate site ID)

Site:	017	SW-03	SW-06	SW-07
Drainage Area:	12	31	29	30

Description: Railroad / 035

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

-16

BOD 5	Composite	None
COD	Composite	H2SO4
Ammonia	Composite	H2SO4
N-N-N	Composite	H2SO4
T. Phosphorus	Composite	H2SO4
TKN	Composite	H2SO4
TSS	Composite	None

Field pH:	
Result	10.5
Time	1543
Initials	MS
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm: 3	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
Matt Smith	5/15/07 1915	Dale Ritter	5/15/07 1915
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

LOGIN SAMPLE RECEIPT CHECK LIST

Client: United States Steel Corporation

Job Number: 510-12624-1

Login Number: 12624

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

SEVERN TRENT STL

ANALYTICAL REPORT

Job Number: 510-5371-1

Job Description: USS STORMWATER

For:
United States Steel Corporation
1 North Broadway
Gary, IN 46402

Attention: Mardanna D Soto

Rebecca Mascio

Rebecca M Mascio
Project Manager I
rmascio@stl-inc.com
11/30/2006

cc: Matt R Sutter

Project Manager: Maggie A Tanner

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Client: United States Steel Corporation
Date: 11/30/2006

Client: United States Steel Corporation
Client Project ID: Stormwater
STL Job Number: 5371

CASE NARRATIVE

EPA 405.1, Biological Oxygen Demand: Based on historical data, samples SW-02 Grab and Composite were set up at a dilution. The process underdepleted and results could only be reported as < 6.0 mg/L. The analysis was not reset due to lapsed holding times.

EPA 200.8, Metals: The sample duplicate results for Lead exceeded the upper limit for relative percent difference. This is an indication of matrix interference. Associated method blanks and laboratory control samples were within acceptable recovery ranges. Associated data is acceptable.

Rebecca Mascio
Project Manager

METHOD / ANALYST SUMMARY

Client: United States Steel Corporation

Job Number: 510-5371-1

Method	Analyst	Analyst ID
EPA 200.8	Hamner, Barb J	BJH
EPA Field Sampling	Mascio, Rebecca M	RMM
SM18 160.2	Bultema, Harvey	HB
40CFR136A 1664A	Marinkovich, Joann E	JEM
MCAWW 350.1	Rainwater, Nicole L	NLR
MCAWW 351.2	Ivers, Catherine L	CLI
MCAWW 353.2	Schafer, Wendy M	WMS
EPA 365.1	Ivers, Catherine L	CLI
MCAWW 405.1	Rainwater, Nicole L	NLR
SM20 5210B	Rainwater, Nicole L	NLR
SM20 Hach 8000	Bultema, Harvey	HB

SAMPLE SUMMARY

Client: United States Steel Corporation

Job Number: 510-5371-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-5371-1	SW-01 GRAB	Water	11/10/2006 1848	11/11/2006 0930
510-5371-2	SW-01 COMP	Water	11/10/2006 1848	11/11/2006 0930
510-5371-3	SW-02 GRAB	Water	11/10/2006 1822	11/11/2006 0930
510-5371-4	SW-02 COMP	Water	11/10/2006 1822	11/11/2006 0930
510-5371-5	SW-06 GRAB	Water	11/10/2006 1831	11/11/2006 0930
510-5371-6	SW-06 COMP	Water	11/10/2006 1831	11/11/2006 0930
510-5371-7	SW-08 GRAB	Water	11/10/2006 1838	11/11/2006 0930
510-5371-8	SW-08 COMP	Water	11/10/2006 1838	11/11/2006 0930
510-5371-9	SW-10 GRAB	Water	11/10/2006 1835	11/11/2006 0930
510-5371-10	SW-10 COMP	Water	11/10/2006 1835	11/11/2006 0930
510-5371-11	SW-11 GRAB	Water	11/10/2006 1846	11/11/2006 0930
510-5371-12	SW-11 COMP	Water	11/10/2006 1846	11/11/2006 0930
510-5371-13	134 GRAB	Water	11/10/2006 1834	11/11/2006 0930
510-5371-14	134 COMP	Water	11/10/2006 1834	11/11/2006 0930
510-5371-15	EJ&E GRAB	Water	11/10/2006 1851	11/11/2006 0930
510-5371-16	EJ&E COMP	Water	11/10/2006 1851	11/11/2006 0930

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-1
Client Matrix: Water
Date Sampled: 11/10/2006 1848
Date Received: 11/11/2006 0930

Client Sample ID: SW-01 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.079	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1626	1.0
Zinc	0.74	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1626	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	8.8	SU		Field Sampling		11/10/2006 1848	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	580	mg/L	2.0	160.2		11/13/2006 1050	1.0
HEM (Oil & Grease)	18	mg/L	2.2	1664A	11/16/2006 1507	11/16/2006 1507	1.0
Ammonia, undistilled	0.21	mg/L	0.020	350.1		11/17/2006 1659	1.0
Nitrogen, Kjeldahl	0.52	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1106	1.0
Nitrate Nitrite as N	0.32	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.49	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1300	1.0
Biochemical Oxygen Demand	9.4	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	210	mg/L	20	Hach 8000		11/13/2006 1150	1.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-2
Client Matrix: Water
Date Sampled: 11/10/2006 1848
Date Received: 11/11/2006 0930

Client Sample ID: SW-01 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.096	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1632	1.0
Zinc	0.88	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1632	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	560	mg/L	2.0	160.2		11/13/2006 1050	1.0
Ammonia, undistilled	0.22	mg/L	0.020	350.1		11/17/2006 1701	1.0
Nitrogen, Kjeldahl	<0.50	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1107	1.0
Nitrate Nitrite as N	0.46	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.60	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1303	1.0
Biochemical Oxygen Demand	6.2	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	290	mg/L	20	Hach 8000		11/13/2006 1150	1.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-3
Client Matrix: Water
Date Sampled: 11/10/2006 1822
Date Received: 11/11/2006 0930

Client Sample ID: SW-02 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.17	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1639	1.0
Zinc	3.6	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1639	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	7.9	SU		Field Sampling		11/10/2006 1822	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	2400	mg/L	2.0	160.2		11/13/2006 1050	1.0
HEM (Oil & Grease)	31	mg/L	2.1	1664A	11/16/2006 1507	11/16/2006 1507	1.0
Ammonia, undistilled	0.36	mg/L	0.020	350.1		11/17/2006 1703	1.0
Nitrogen, Kjeldahl	0.70	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1111	1.0
Nitrate Nitrite as N	0.55	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	1.4	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1306	1.0
Biochemical Oxygen Demand	<6.0	mg/L	6.0	405.1		11/11/2006 1545	3.0
Chemical Oxygen Demand	1600	mg/L	40	Hach 8000		11/13/2006 1150	2.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-4
Client Matrix: Water
Date Sampled: 11/10/2006 1822
Date Received: 11/11/2006 0930

Client Sample ID: SW-02 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.25	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1645	1.0
Zinc	5.3	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1645	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	2400	mg/L	2.0	160.2		11/13/2006 1325	1.0
Ammonia, undistilled	0.22	mg/L	0.020	350.1		11/17/2006 1705	1.0
Nitrogen, Kjeldahl	0.75	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1112	1.0
Nitrate Nitrite as N	0.95	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.99	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1309	1.0
Biochemical Oxygen Demand	<6.0	mg/L	6.0	405.1		11/11/2006 1545	3.0
Chemical Oxygen Demand	2300	mg/L	80	Hach 8000		11/13/2006 1150	4.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-5
Client Matrix: Water
Date Sampled: 11/10/2006 1831
Date Received: 11/11/2006 0930

Client Sample ID: SW-06 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.10	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1651	1.0
Zinc	1.6	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1651	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	10.4	SU		Field Sampling		11/10/2006 1831	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	5800	mg/L	2.0	160.2		11/13/2006 1325	1.0
HEM (Oil & Grease)	32	mg/L	2.0	1664A	11/16/2006 1507	11/16/2006 1507	1.0
Ammonia, undistilled	0.40	mg/L	0.020	350.1		11/17/2006 1707	1.0
Nitrogen, Kjeldahl	0.73	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1117	1.0
Nitrate Nitrite as N	0.94	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	1.2	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1311	1.0
Biochemical Oxygen Demand	7.8	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	970	mg/L	20	Hach 8000		11/13/2006 1150	1.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-6
Client Matrix: Water
Date Sampled: 11/10/2006 1831
Date Received: 11/11/2006 0930

Client Sample ID: SW-06 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.067	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1657	1.0
Zinc	1.1	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1657	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	2100	mg/L	2.0	160.2		11/13/2006 1325	1.0
Ammonia, undistilled	0.089	mg/L	0.020	350.1		11/17/2006 1709	1.0
Nitrogen, Kjeldahl	0.57	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1118	1.0
Nitrate Nitrite as N	0.88	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	1.1	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1320	1.0
Biochemical Oxygen Demand	12	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	1800	mg/L	40	Hach 8000		11/13/2006 1150	2.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-7
Client Matrix: Water
Date Sampled: 11/10/2006 1838
Date Received: 11/11/2006 0930

Client Sample ID: SW-08 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.16	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1703	1.0
Zinc	3.7	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1703	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	8.4	SU		Field Sampling		11/10/2006 1838	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	470	mg/L	2.0	160.2		11/13/2006 1325	1.0
HEM (Oil & Grease)	8.3	mg/L	2.1	1664A	11/16/2006 1507	11/16/2006 1507	1.0
Ammonia, undistilled	0.31	mg/L	0.020	350.1		11/17/2006 1716	1.0
Nitrogen, Kjeldahl	0.81	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1124	1.0
Nitrate Nitrite as N	0.30	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.49	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1323	1.0
Biochemical Oxygen Demand	19	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	250	mg/L	20	Hach 8000		11/14/2006 1440	1.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-8
Client Matrix: Water
Date Sampled: 11/10/2006 1838
Date Received: 11/11/2006 0930

Client Sample ID: SW-08 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.12	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1709	1.0
Zinc	2.7	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1709	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	320	mg/L	2.0	160.2		11/13/2006 1325	1.0
Ammonia, undistilled	0.22	mg/L	0.020	350.1		11/17/2006 1718	1.0
Nitrogen, Kjeldahl	<0.50	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1137	1.0
Nitrate Nitrite as N	0.32	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.39	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1325	1.0
Biochemical Oxygen Demand	18	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	170	mg/L	20	Hach 8000		11/14/2006 1440	1.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-9
Client Matrix: Water
Date Sampled: 11/10/2006 1835
Date Received: 11/11/2006 0930

Client Sample ID: SW-10 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.044	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1716	1.0
Zinc	0.55	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1716	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	8.5	SU		Field Sampling		11/10/2006 1835	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	140	mg/L	2.0	160.2		11/13/2006 1325	1.0
HEM (Oil & Grease)	2.8	mg/L	2.1	1664A	11/16/2006 1507	11/16/2006 1507	1.0
Ammonia, undistilled	0.21	mg/L	0.020	350.1		11/17/2006 1720	1.0
Nitrogen, Kjeldahl	<0.50	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1141	1.0
Nitrate Nitrite as N	0.42	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.22	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1328	1.0
Biochemical Oxygen Demand	9.3	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	100	mg/L	20	Hach 8000		11/14/2006 1440	1.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-10
Client Matrix: Water
Date Sampled: 11/10/2006 1835
Date Received: 11/11/2006 0930

Client Sample ID: SW-10 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.052	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1722	1.0
Zinc	0.70	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1722	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	200	mg/L	2.0	160.2		11/13/2006 1325	1.0
Ammonia, undistilled	0.27	mg/L	0.020	350.1		11/17/2006 1722	1.0
Nitrogen, Kjeldahl	0.65	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1142	1.0
Nitrate Nitrite as N	0.45	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.29	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1331	1.0
Biochemical Oxygen Demand	10	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	120	mg/L	20	Hach 8000		11/14/2006 1440	1.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-11
Client Matrix: Water
Date Sampled: 11/10/2006 1846
Date Received: 11/11/2006 0930

Client Sample ID: SW-11 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.080	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1740	1.0
Zinc	0.50	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1740	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	7.2	SU		Field Sampling		11/10/2006 1846	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	510	mg/L	2.0	160.2		11/13/2006 1325	1.0
HEM (Oil & Grease)	15	mg/L	2.1	1664A	11/16/2006 1507	11/16/2006 1507	1.0
Ammonia, undistilled	0.49	mg/L	0.020	350.1		11/17/2006 1724	1.0
Nitrogen, Kjeldahl	0.94	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1147	1.0
Nitrate Nitrite as N	0.54	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.35	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1334	1.0
Biochemical Oxygen Demand	13	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	160	mg/L	20	Hach 8000		11/14/2006 1440	1.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-12
Client Matrix: Water
Date Sampled: 11/10/2006 1846
Date Received: 11/11/2006 0930

Client Sample ID: SW-11 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.18	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1746	1.0
Zinc	1.1	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1746	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	640	mg/L	2.0	160.2		11/13/2006 1325	1.0
Ammonia, undistilled	0.70	mg/L	0.020	350.1		11/17/2006 1726	1.0
Nitrogen, Kjeldahl	0.96	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1148	1.0
Nitrate Nitrite as N	0.50	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	0.41	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1337	1.0
Biochemical Oxygen Demand	14	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	420	mg/L	40	Hach 8000		11/14/2006 1440	2.0

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-13
Client Matrix: Water
Date Sampled: 11/10/2006 1834
Date Received: 11/11/2006 0930

Client Sample ID: 134 GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.16	mg/L	0.00050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1753	1.0
Zinc	0.76	mg/L	0.0020	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1753	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	7.4	SU		Field Sampling		11/10/2006 1834	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	5100	mg/L	2.0	160.2		11/13/2006 1325	1.0
HEM (Oil & Grease)	6.5	mg/L	2.2	1664A	11/16/2006 1507	11/16/2006 1507	1.0
Ammonia, undistilled	14	mg/L	1.0	350.1		11/17/2006 1819	50
Nitrogen, Kjeldahl	19	mg/L	5.0	351.2	11/21/2006 0727	11/22/2006 0855	1.0
Nitrate Nitrite as N	1.3	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	<1.0	mg/L	1.0	365.1	11/12/2006 0915	11/12/2006 1340	1.0
Biochemical Oxygen Demand	8.1	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	12000	mg/L	400	Hach 8000		11/14/2006 1440	20

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-14
Client Matrix: Water
Date Sampled: 11/10/2006 1834
Date Received: 11/11/2006 0930

Client Sample ID: 134 COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	0.13	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1759	1.0
Zinc	0.72	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1759	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	4900	mg/L	2.0	160.2		11/13/2006 1325	1.0
Ammonia, undistilled	17	mg/L	1.0	350.1		11/17/2006 1821	50
Nitrogen, Kjeldahl	19	mg/L	5.0	351.2	11/21/2006 0727	11/22/2006 0902	1.0
Nitrate Nitrite as N	1.2	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	<1.0	mg/L	1.0	365.1	11/12/2006 0915	11/12/2006 1342	1.0
Biochemical Oxygen Demand	13	mg/L	2.0	405.1		11/11/2006 1545	1.0
Chemical Oxygen Demand	13000	mg/L	400	Hach 8000		11/15/2006 1520	20

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Job Number: 510-5371-1
Lab Sample Id: 510-5371-15
Client Matrix: Water
Date Sampled: 11/10/2006 1851
Date Received: 11/11/2006 0930

Client Sample ID: EJ&E GRAB

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Chromium	<0.010	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1805	1.0
Lead	<0.0050	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1805	1.0
Zinc	<0.010	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1805	1.0
FIELD SERVICE / MOBILE LAB							
Field pH	6.8	SU		Field Sampling		11/10/2006 1851	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	6.1	mg/L	2.0	160.2		11/13/2006 1325	1.0
HEM (Oil & Grease)	<2.0	mg/L	2.0	1664A	11/16/2006 1507	11/16/2006 1507	1.0
Ammonia, undistilled	0.41	mg/L	0.020	350.1		11/17/2006 1732	1.0
Nitrogen, Kjeldahl	1.1	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1200	1.0
Nitrate Nitrite as N	0.55	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	<0.10	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1345	1.0
Biochemical Oxygen Demand	15	mg/L	2.0	405.1		11/11/2006 1545	1.0
Carbonaceous Biochemical Oxygen	15	mg/L	2.0	5210B		11/11/2006 1630	1.0
Chemical Oxygen Demand	55	mg/L	20	Hach 8000		11/15/2006 1520	1.0

Mardanna D Soto
United States Steel Corporation
1 North Broadway
Gary, IN 46402

Job Number: 510-5371-1
Lab Sample Id: 510-5371-16
Client Matrix: Water
Date Sampled: 11/10/2006 1851
Date Received: 11/11/2006 0930

Client Sample ID: EJ&E COMP

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Lead	<0.0050	mg/L	0.0050	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1823	1.0
Chromium	<0.010	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1823	1.0
Zinc	<0.010	mg/L	0.010	200.8-Total Recoverable	11/13/2006 0930	11/13/2006 1823	1.0
GENERAL CHEMISTRY							
Total Suspended Solids	5.5	mg/L	2.0	160.2		11/13/2006 1325	1.0
Ammonia, undistilled	0.40	mg/L	0.020	350.1		11/17/2006 1734	1.0
Nitrogen, Kjeldahl	1.2	mg/L	0.50	351.2	11/16/2006 2006	11/17/2006 1207	1.0
Nitrate Nitrite as N	0.56	mg/L	0.10	353.2	11/16/2006 1918	11/16/2006 1918	1.0
Phosphorus, Total	<0.10	mg/L	0.10	365.1	11/12/2006 0915	11/12/2006 1354	1.0
Biochemical Oxygen Demand	14	mg/L	2.0	405.1		11/11/2006 1545	1.0
Carbonaceous Biochemical Oxygen	17	mg/L	2.0	5210B		11/11/2006 1630	1.0
Chemical Oxygen Demand	29	mg/L	20	Hach 8000		11/15/2006 1520	1.0

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9327

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: MB 510-9327/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1602
Date Prepared: 11/13/2006 0930

Analysis Batch: 510-9377
Prep Batch: 510-9327
Units: mg/L

Instrument ID: TE ICPMS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	<0.0050		0.0050
Chromium	<0.010		0.010
Zinc	<0.010		0.010

Lab Control Spike - Batch: 510-9327

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: LCS 510-9327/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1608
Date Prepared: 11/13/2006 0930

Analysis Batch: 510-9377
Prep Batch: 510-9327
Units: mg/L

Instrument ID: TE ICPMS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	0.0500	0.0485	97	85 - 115	
Chromium	0.0200	0.0203	102	85 - 115	
Zinc	0.0500	0.0506	101	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Matrix Spike - Batch: 510-9327

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: 510-5371-15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1817
Date Prepared: 11/13/2006 0930

Analysis Batch: 510-9377
Prep Batch: 510-9327
Units: mg/L

Instrument ID: TE ICPMS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Lead	0.000221	0.0500	0.0493	98	70 - 130	
Chromium	0.000544	0.0200	0.0200	97	70 - 130	
Zinc	0.00757	0.0500	0.0580	101	70 - 130	

Matrix Spike - Batch: 510-9327

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: 510-5371-16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1836
Date Prepared: 11/13/2006 0930

Analysis Batch: 510-9377
Prep Batch: 510-9327
Units: mg/L

Instrument ID: TE ICPMS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Lead	0.000227	0.0500	0.0501	100	70 - 130	
Chromium	0.000565	0.0200	0.0203	99	70 - 130	
Zinc	0.00827	0.0500	0.0563	96	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Duplicate - Batch: 510-9327

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: 510-5371-15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1811
Date Prepared: 11/13/2006 0930

Analysis Batch: 510-9377
Prep Batch: 510-9327
Units: mg/L

Instrument ID: TE ICPMS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Lead	0.000221	0.000294	28	20	
Chromium	0.000544	0.000570	5	20	
Zinc	0.00757	0.00748	1	20	

Duplicate - Batch: 510-9327

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: 510-5371-16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1830
Date Prepared: 11/13/2006 0930

Analysis Batch: 510-9377
Prep Batch: 510-9327
Units: mg/L

Instrument ID: TE ICPMS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Lead	0.000227	0.000299	27	20	
Chromium	0.000565	0.000578	2	20	
Zinc	0.00827	0.00867	5	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9357

Method: 160.2
Preparation: N/A

Lab Sample ID: MB 510-9357/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1050
Date Prepared: N/A

Analysis Batch: 510-9357
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
Total Suspended Solids	<2.0		2.0

Lab Control Spike - Batch: 510-9357

Method: 160.2
Preparation: N/A

Lab Sample ID: LCS 510-9357/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1050
Date Prepared: N/A

Analysis Batch: 510-9357
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	400	398	100	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9360

Method: 160.2
Preparation: N/A

Lab Sample ID: MB 510-9360/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1325
Date Prepared: N/A

Analysis Batch: 510-9360
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
Total Suspended Solids	<2.0		2.0

Lab Control Spike - Batch: 510-9360

Method: 160.2
Preparation: N/A

Lab Sample ID: LCS 510-9360/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1325
Date Prepared: N/A

Analysis Batch: 510-9360
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	400	401	100	80 - 120	

Duplicate - Batch: 510-9360

Method: 160.2
Preparation: N/A

Lab Sample ID: 510-5371-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1325
Date Prepared: N/A

Analysis Batch: 510-9360
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	468	453	3	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9512

Method: 1664A
Preparation: 1664A

Lab Sample ID: MB 510-9512/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/16/2006 1507
Date Prepared: 11/16/2006 1507

Analysis Batch: 510-9548
Prep Batch: 510-9512
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<2.0		2.0

Lab Control Spike - Batch: 510-9512

Method: 1664A
Preparation: 1664A

Lab Sample ID: LCS 510-9512/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/16/2006 1507
Date Prepared: 11/16/2006 1507

Analysis Batch: 510-9548
Prep Batch: 510-9512
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
HEM (Oil & Grease)	40.1	33.7	84	78 - 114	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9599

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 510-9599/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2006 1624
Date Prepared: N/A

Analysis Batch: 510-9599
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL
Ammonia, undistilled	<0.020		0.020

Lab Control Spike - Batch: 510-9599

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 510-9599/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2006 1622
Date Prepared: N/A

Analysis Batch: 510-9599
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 1 mL
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia, undistilled	0.400	0.407	102	75 - 125	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-9599

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 510-5371-16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2006 1740
Date Prepared: N/A

Analysis Batch: 510-9599
Prep Batch: N/A

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 510-5371-16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2006 1743
Date Prepared: N/A

Analysis Batch: 510-9599
Prep Batch: N/A

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia, undistilled	100	112	75 - 125	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9526

Method: 351.2
Preparation: 351.2

Lab Sample ID: MB 510-9526/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2006 1054
Date Prepared: 11/16/2006 2006

Analysis Batch: 510-9580
Prep Batch: 510-9526
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	RL
Nitrogen, Kjeldahl	<0.50		0.50

Lab Control Spike - Batch: 510-9526

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCS 510-9526/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2006 1059
Date Prepared: 11/16/2006 2006

Analysis Batch: 510-9580
Prep Batch: 510-9526
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	5.00	4.72	94	80 - 120	

LCS-Standard Reference Material - Batch: 510-9526

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCSSRM 510-9526/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2006 1100
Date Prepared: 11/16/2006 2006

Analysis Batch: 510-9580
Prep Batch: 510-9526
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	4.13	3.65	88	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-9526

Method: 351.2
Preparation: 351.2

MS Lab Sample ID:	510-5371-7	Analysis Batch:	510-9580	Instrument ID:	Systea
Client Matrix:	Water	Prep Batch:	510-9526	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/17/2006 1130			Final Weight/Volume:	20 mL
Date Prepared:	11/16/2006 2006				

MSD Lab Sample ID:	510-5371-7	Analysis Batch:	510-9580	Instrument ID:	Systea
Client Matrix:	Water	Prep Batch:	510-9526	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/17/2006 1136			Final Weight/Volume:	20 mL
Date Prepared:	11/16/2006 2006				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrogen, Kjeldahl	85	81	75 - 125	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9747

Method: 351.2
Preparation: 351.2

Lab Sample ID: MB 510-9747/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/22/2006 0844
Date Prepared: 11/21/2006 0727

Analysis Batch: 510-9754
Prep Batch: 510-9747
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	RL
Nitrogen, Kjeldahl	<0.50		0.50

Lab Control Spike - Batch: 510-9747

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCS 510-9747/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/22/2006 0849
Date Prepared: 11/21/2006 0727

Analysis Batch: 510-9754
Prep Batch: 510-9747
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	5.00	4.50	90	80 - 120	

LCS-Standard Reference Material - Batch: 510-9747

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCSSRM 510-9747/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/22/2006 0850
Date Prepared: 11/21/2006 0727

Analysis Batch: 510-9754
Prep Batch: 510-9747
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	4.13	3.94	95	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-9747

Method: 351.2
Preparation: 351.2

MS Lab Sample ID:	510-5371-13	Analysis Batch: 510-9754	Instrument ID: Systea
Client Matrix:	Water	Prep Batch: 510-9747	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	11/22/2006 0856		Final Weight/Volume: 20 mL
Date Prepared:	11/21/2006 0727		

MSD Lab Sample ID:	510-5371-13	Analysis Batch: 510-9754	Instrument ID: Systea
Client Matrix:	Water	Prep Batch: 510-9747	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	11/22/2006 0901		Final Weight/Volume: 20 mL
Date Prepared:	11/21/2006 0727		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrogen, Kjeldahl	93	92	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9615

Method: 353.2
Preparation: 353.2

Lab Sample ID: MB 510-9615/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/16/2006 1918
Date Prepared: 11/16/2006 1918

Analysis Batch: 510-9615
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea 1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL
Nitrate Nitrite as N	<0.10		0.10

Lab Control Spike - Batch: 510-9615

Method: 353.2
Preparation: 353.2

Lab Sample ID: LCS 510-9615/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/16/2006 1918
Date Prepared: 11/16/2006 1918

Analysis Batch: 510-9615
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea 1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	1.10	110	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9308

Method: 365.1
Preparation: 365.2/365.3

Lab Sample ID: MB 510-9308/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/12/2006 1246
Date Prepared: 11/12/2006 0915

Analysis Batch: 510-9313
Prep Batch: 510-9308
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Phosphorus, Total	<0.10		0.10

Lab Control Spike - Batch: 510-9308

Method: 365.1
Preparation: 365.2/365.3

Lab Sample ID: LCS 510-9308/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/12/2006 1249
Date Prepared: 11/12/2006 0915

Analysis Batch: 510-9313
Prep Batch: 510-9308
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phosphorus, Total	2.00	1.91	95	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Unseeded Control Blank - Batch: 510-9297

Method: 405.1
Preparation: N/A

Lab Sample ID: USB 510-9297/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/11/2006 1545
Date Prepared: N/A

Analysis Batch: 510-9297
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	Result	Qual	RL
Biochemical Oxygen Demand	<2.0		2.0

Lab Control Spike - Batch: 510-9297

Method: 405.1
Preparation: N/A

Lab Sample ID: LCS 510-9297/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/11/2006 1545
Date Prepared: N/A

Analysis Batch: 510-9297
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Biochemical Oxygen Demand	207	188	91	84.6 - 115.4	

Duplicate - Batch: 510-9297

Method: 405.1
Preparation: N/A

Lab Sample ID: 510-5371-12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/11/2006 1545
Date Prepared: N/A

Analysis Batch: 510-9297
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Biochemical Oxygen Demand	13.6	15.5	13	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Unseeded Control Blank - Batch: 510-9298

Method: 5210B
Preparation: N/A

Lab Sample ID: USB 510-9298/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/11/2006 1630
Date Prepared: N/A

Analysis Batch: 510-9298
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	Result	Qual	RL
Carbonaceous Biochemical Oxygen Demand	<2.0		2.0

Lab Control Spike - Batch: 510-9298

Method: 5210B
Preparation: N/A

Lab Sample ID: LCS 510-9298/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/11/2006 1630
Date Prepared: N/A

Analysis Batch: 510-9298
Prep Batch: N/A
Units: mg/L

Instrument ID: Mandel BOD Assay
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Carbonaceous Biochemical Oxygen	207	194	94	82.16 - 118.75	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9345

Method: Hach 8000
Preparation: N/A

Lab Sample ID: MB 510-9345/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1150
Date Prepared: N/A

Analysis Batch: 510-9345
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

Analyte	Result	Qual	RL
Chemical Oxygen Demand	<20		20

Lab Control Spike - Batch: 510-9345

Method: Hach 8000
Preparation: N/A

Lab Sample ID: LCS 510-9345/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/13/2006 1150
Date Prepared: N/A

Analysis Batch: 510-9345
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	800	818	102	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9405

Method: Hach 8000
Preparation: N/A

Lab Sample ID: MB 510-9405/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/14/2006 1440
Date Prepared: N/A

Analysis Batch: 510-9405
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

Analyte	Result	Qual	RL
Chemical Oxygen Demand	<20		20

Lab Control Spike - Batch: 510-9405

Method: Hach 8000
Preparation: N/A

Lab Sample ID: LCS 510-9405/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/14/2006 1440
Date Prepared: N/A

Analysis Batch: 510-9405
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	800	815	102	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-9405

Method: Hach 8000
Preparation: N/A

MS Lab Sample ID: 510-5371-11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/14/2006 1440
Date Prepared: N/A

Analysis Batch: 510-9405
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

MSD Lab Sample ID: 510-5371-11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/14/2006 1440
Date Prepared: N/A

Analysis Batch: 510-9405
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chemical Oxygen Demand	97	91	75 - 125	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: United States Steel Corporation

Job Number: 510-5371-1

Method Blank - Batch: 510-9461

Method: Hach 8000
Preparation: N/A

Lab Sample ID: MB 510-9461/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2006 1520
Date Prepared: N/A

Analysis Batch: 510-9461
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

Analyte	Result	Qual	RL
Chemical Oxygen Demand	<20		20

Lab Control Spike - Batch: 510-9461

Method: Hach 8000
Preparation: N/A

Lab Sample ID: LCS 510-9461/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2006 1520
Date Prepared: N/A

Analysis Batch: 510-9461
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	800	808	101	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-9461

Method: Hach 8000
Preparation: N/A

MS Lab Sample ID: 510-5371-15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2006 1520
Date Prepared: N/A

Analysis Batch: 510-9461
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

MSD Lab Sample ID: 510-5371-15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2006 1520
Date Prepared: N/A

Analysis Batch: 510-9461
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.0 mL
Final Weight/Volume: 2.0 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chemical Oxygen Demand	93	88	75 - 125	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	10-Nov-06
Event Start Time:	18:47
Event Finish Time:	21:47
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.3
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	7.0
Total Flow from Event (gallons):	860
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Site: SW - 01
Drainage Area: 11
Description: **East Side of Slip (LM)**

Grab Samples Collected at: 18:47

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
18:47		5.0	465
19:07		7.0	651
19:27		7.0	651
19:47		6.0	558
20:07		4.0	372
20:27		4.0	372
20:47		4.0	372
21:07		3.0	279
21:27		3.0	279

Total Event Flow, Gallons	430	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	10-Nov-06
Event Start Time:	18:47
Event Finish Time:	21:47
Site:	SW - 01
Drainage Area:	11
Description:	**East Side of Slip (LM)**

Method	Parameter	Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	580	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	18	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.079	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	0.74	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.21	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	0.52	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	0.32	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	0.49	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	9.4	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	210	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	8.8	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	430	560	2.008
EPA 200.8	Lead (Pb)	Composite	430	0.96	0.0034
EPA 200.8	Zinc (Zn)	Composite	430	0.88	0.003
EPA 350.1	Ammonia (NH3), as N	Composite	430	0.22	0.001
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	430	< 0.50	< 0.002
EPA 353.2	Nitrate + Nitrite as N	Composite	430	0.46	0.002
EPA 365.1	Phosphorus, Total	Composite	430	0.60	0.002
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	430	6.2	0.022
Hach 8000	Chemical Oxygen Demand (COD)	Composite	430	290	1.040

"*"-Load is pounds discharged for the duration of sampled period(90 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	10-Nov-06
Event Start Time:	18:21
Event Finish Time:	2:15
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	9.0
Total Flow from Event (gallons):	1020
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Site: SW - 02
Drainage Area: 11
Description: **West Side of Slip (LM)**

Grab Samples Collected at: 18:21

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
18:21		2.0	157
18:41		7.0	549
19:01		9.0	706
19:21		8.0	627
19:41		8.0	627
20:01		6.0	471
20:21		6.0	471
20:41		3.0	235
21:01		2.0	157

Total Event Flow, Gallons	510	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	10-Nov-06
Event Start Time:	18:21
Event Finish Time:	2:15
Site:	SW - 02
Drainage Area:	11
Description:	**West Side of Slip (LM)**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	2400	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	31	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.17	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	3.6	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.36	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	0.7	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	0.55	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	1.4	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	< 6.0	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	1600	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	7.9	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	510	2400	10.208
EPA 200.8	Lead (Pb)	Composite	510	0.25	0.0011
EPA 200.8	Zinc (Zn)	Composite	510	5.3	0.023
EPA 350.1	Ammonia (NH3), as N	Composite	510	0.22	0.001
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	510	0.75	0.003
EPA 353.2	Nitrate + Nitrite as N	Composite	510	0.95	0.004
EPA 365.1	Phosphorus, Total	Composite	510	0.99	0.004
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	510	< 6.0	< 0.026
Hach 8000	Chemical Oxygen Demand (COD)	Composite	510	2300	9.783

"*"-Load is pounds discharged for the duration of sampled period(90 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	10-Nov-06
Event Start Time:	18:30
Event Finish Time:	21:30
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	32.0
Total Flow from Event (gallons):	4500
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Site: SW-06
Drainage Area: 29
Description: **Railroad Lines (LM)**

Grab Samples Collected at: 18:31

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
18:31		25	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	2250	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	10-Nov-06
Event Start Time:	18:30
Event Finish Time:	21:30
Site:	SW-06
Drainage Area:	29
Description:	**Railroad Lines (LM)**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	5800	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	32	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.10	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	1.6	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.40	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	0.73	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	0.94	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	1.2	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	7.8	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	970	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	10.4	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	2250	2100	39.4
EPA 200.8	Lead (Pb)	Composite	2250	0.067	0.0013
EPA 200.8	Zinc (Zn)	Composite	2250	1.1	0.021
EPA 350.1	Ammonia (NH3), as N	Composite	2250	0.089	0.002
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	2250	0.57	0.011
EPA 353.2	Nitrate + Nitrite as N	Composite	2250	0.88	0.017
EPA 365.1	Phosphorus, Total	Composite	2250	1.1	0.021
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	2250	12.0	0.225
Hach 8000	Chemical Oxygen Demand (COD)	Composite	2250	1800	33.777

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	10-Nov-06
Event Start Time:	18:37
Event Finish Time:	21:37
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	28.0
Total Flow from Event (gallons):	3600
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Site: SW - 08
Drainage Area: 32
Description: **Virginia Tunnel Drain**

Grab Samples Collected at: 18:38

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
18:38		15	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	1350	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	10-Nov-06
Event Start Time:	18:37
Event Finish Time:	21:37
Site:	SW - 08
Drainage Area:	32
Description:	**Virginia Tunnel Drain**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	470	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	8.3	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.16	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	3.7	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.31	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	0.81	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	0.30	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	0.49	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	19	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	250	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	8.4	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	1350	320	3.6
EPA 200.8	Lead (Pb)	Composite	1350	0.12	0.001
EPA 200.8	Zinc (Zn)	Composite	1350	2.7	0.030
EPA 350.1	Ammonia (NH3), as N	Composite	1350	0.22	0.002
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	1350	< 0.50	< 0.006
EPA 353.2	Nitrate + Nitrite as N	Composite	1350	0.32	0.004
EPA 365.1	Phosphorus, Total	Composite	1350	0.39	0.004
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	1350	18	0.203
Hach 8000	Chemical Oxygen Demand (COD)	Composite	1350	170	1.91

"*"-Load is pounds discharged for the duration of sampled period(90 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	10-Nov-06
Event Start Time:	18:34
Event Finish Time:	21:34
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	25.0
Total Flow from Event (gallons):	2700
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Site: SW-10
Drainage Area:
Description: **Tennessee Drain (GCR)**

Grab Samples Collected at: 18:34

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
18:34		15	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	1350	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	10-Nov-06
Event Start Time:	18:34
Event Finish Time:	21:34
Site:	SW-10
Drainage Area:	
Description:	**Tennessee Drain (GCR)**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	140	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	2.8	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.044	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	0.55	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.21	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	< 0.50	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	0.42	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	0.22	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Da	Grab	N/A	9.3	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	100	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	8.5	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	1350	200	2.3
EPA 200.8	Lead (Pb)	Composite	1350	0.052	0.001
EPA 200.8	Zinc (Zn)	Composite	1350	0.7	0.008
EPA 350.1	Ammonia (NH3), as N	Composite	1350	0.27	0.003
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	1350	0.7	0.007
EPA 353.2	Nitrate + Nitrite as N	Composite	1350	0.45	0.005
EPA 365.1	Phosphorus, Total	Composite	1350	0.29	0.003
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Da	Composite	1350	10	0.113
Hach 8000	Chemical Oxygen Demand (COD)	Composite	1350	120	1.35

"*"-Load is pounds discharged for the duration of sampled period(

90 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	10-Nov-06
Event Start Time:	18:45
Event Finish Time:	21:45
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	25.0
Total Flow from Event (gallons):	3600
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Site: SW - 11
Drainage Area: 10
Description: **Broadway Tunnel Drain**

Grab Samples Collected at: 18:45

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
18:45		20	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	1800	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	10-Nov-06
Event Start Time:	18:45
Event Finish Time:	21:45
Site:	SW - 11
Drainage Area:	10
Description:	**Broadway Tunnel Drain**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	510	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	15	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.08	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	0.50	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	0.49	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	0.94	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	0.54	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	0.35	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Da	Grab	N/A	13.0	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	160	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	7.2	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	1800	640	9.608
EPA 200.8	Lead (Pb)	Composite	1800	0.18	0.0027
EPA 200.8	Zinc (Zn)	Composite	1800	1.1	0.017
EPA 350.1	Ammonia (NH3), as N	Composite	1800	0.70	0.011
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	1800	0.96	0.014
EPA 353.2	Nitrate + Nitrite as N	Composite	1800	0.50	0.008
EPA 365.1	Phosphorus, Total	Composite	1800	0.41	0.006
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Da	Composite	1800	14.0	0.210
Hach 8000	Chemical Oxygen Demand (COD)	Composite	1800	420	6.305

"*"-Load is pounds discharged for the duration of sampled period(90 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	10-Nov-06
Event Start Time:	18:32
Event Finish Time:	21:32
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	25.0
Total Flow from Event (gallons):	3240
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Site: 134
Drainage Area:
Description: **Coke Plt Settling Basin to #5 Mason Basin**

Grab Samples Collected at: 18:32

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
18:32		18	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	1620	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	10-Nov-06
Event Start Time:	18:32
Event Finish Time:	21:32
Site:	134
Drainage Area:	
Description:	**Coke Plt Settling Basin to #5 Mason Basin**

Parameter		Sample Type	Flow	Concentration mg/L	Load*
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A	5100	N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	6.5	N/A
EPA 200.8	Lead (Pb)	Grab	N/A	0.16	N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	0.76	N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A	14	N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A	19	N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A	1.3	N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	< 1.0	N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Grab	N/A	8.1	N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A	12000	N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A	7.4	N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	1620	4900	66.203
EPA 200.8	Lead (Pb)	Composite	1620	0.13	0.00176
EPA 200.8	Zinc (Zn)	Composite	1620	0.72	0.0097
EPA 350.1	Ammonia (NH3), as N	Composite	1620	17	0.230
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	1620	19	0.257
EPA 353.2	Nitrate + Nitrite as N	Composite	1620	1.2	0.016
EPA 365.1	Phosphorus, Total	Composite	1620	< 1.0	< 0.0135
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Day	Composite	1620	13	0.176
Hach 8000	Chemical Oxygen Demand (COD)	Composite	1620	13000	175.640

"*"-Load is pounds discharged for the duration of sampled period(90 minutes).

USS - Gary Works
Stormwater Sampling

Date of Storm Event:	10-Nov-06
Event Start Time:	18:50
Event Finish Time:	21:50
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	30.0
Total Flow from Event (gallons):	3600
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Site: 034
Drainage Area:
Description: **EJ&E Drainage (GCR)**

Grab Samples Collected at: 18:50

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION

Time	Flow (Sec/Gal)	Flow (gpm)	Flow Wt Portion Of Composite
18:50		30	4000

Sample obtained using autosampler.
Flow estimated.

Total Event Flow, Gallons	2700	Total Volume	4000

USS - Gary Works
Stormwater Sampling Analytical Results Summaries

Date of Storm Event:	10-Nov-06
Event Start Time:	18:50
Event Finish Time:	21:50
Site:	034
Drainage Area:	
Description:	**EJ&E Drainage (GCR)**

Parameter		Sample Type	Flow	Concentration mg/L		Load*	
EPA 160.2	Solids, Total Suspended (TSS)	Grab	N/A		6.1		N/A
EPA 1664A	N-Hexane Extractable Material	Grab	N/A	<	2.0		N/A
EPA 200.8	Chromium (Cr)	Grab	N/A	<	0.010		N/A
EPA 200.8	Lead (Pb)	Grab	N/A	<	0.005		N/A
EPA 200.8	Zinc (Zn)	Grab	N/A	<	0.010		N/A
EPA 350.1	Ammonia (NH3), as N	Grab	N/A		0.41		N/A
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Grab	N/A		1.1		N/A
EPA 353.2	Nitrate + Nitrite as N	Grab	N/A		0.55		N/A
EPA 365.1	Phosphorus, Total	Grab	N/A	<	0.10		N/A
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Da	Grab	N/A		15		N/A
Hach 8000	Chemical Oxygen Demand (COD)	Grab	N/A		15		N/A
SM 5210B	Carbonaceous Biochemical Oxygen Dema	Grab	N/A		55.0		N/A
EPA 150.1	pH Measurement in the Field	Grab	N/A		6.8		N/A
EPA 160.2	Solids, Total Suspended (TSS)	Composite	2700		5.5		0.124
EPA 200.8	Chromium (Cr)	Composite	2700	<	0.010	<	0.0002
EPA 200.8	Lead (Pb)	Composite	2700	<	0.005	<	0.0001
EPA 200.8	Zinc (Zn)	Composite	2700	<	0.010	<	0.0002
EPA 350.1	Ammonia (NH3), as N	Composite	2700		0.40		0.009
EPA 351.2	Nitrogen, Total Kjeldahl as N (TKN)	Composite	2700		1.2		0.027
EPA 353.2	Nitrate + Nitrite as N	Composite	2700		0.56		0.013
EPA 365.1	Phosphorus, Total	Composite	2700	<	0.10	<	0.002
EPA 405.1	Biochemical Oxygen Demand (BOD) 5-Da	Composite	2700		14		0.315
Hach 8000	Chemical Oxygen Demand (COD)	Composite	2700		17		0.383
SM 5210B	Carbonaceous Biochemical Oxygen Dema	Composite	2700		29		0.653

"*"-Load is pounds discharged for the duration of sampled period(90 minutes).

4.2°C

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event:	11-10-06
Event Start Time:	1847
Event Finish Time:	2147
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	7
Total Flow from Event (gallons):	860
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Time Grab Samples Collected: 1848

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: East Slip

	Parameter	Sample Type	Preserved
5371-1	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
5371-2	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN		H2SO4
	TSS		None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
1847		5	BF	465
1907		7		651
1927		7		651
1947		6		558
2007		4		372
2027		4		372
2047		4		372
2107		3		279
2127		3		279
Total Flow, gal.			Total Volume	4000 ml

Field pH:	
Result	8.8
Time	1848
Initials	BF
Autosampler Used:	
YES	(NO)
If Yes, Est Avg Flow, gpm:	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11-10-06 2350	[signature]	11/10/2006 0930
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

9.2°C

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event:	11-10-06
Event Start Time:	1821
Event Finish Time:	2121
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	9
Total Flow from Event (gallons):	1020
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Time Grab Samples Collected: 1822

	Parameter	Sample Type	Preserved
5371-3	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
5371-4	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN		H2SO4
	TSS		None

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	(SW-02)		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: West Slip

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
1821		2	BF	157
1841		7		546
1901		9		702
1921		8		624
1941		8		624
2001		6		471
2021		6		471
2041		3		234
2101		2		157
	Total Flow, gal.		Total Volume	4000 ml

Field pH:	
Result	7.9
Time	1822
Initials	BF
Autosampler Used:	
YES	(NO)
If Yes, Est Avg Flow, gpm:	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10-11-06 2350	[signature]	11/11/2006 0930
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

FL:0087

SEVERN TRENT SERVICES

Stormwater Sampling

4.2°C

Location: USS - Gary Works

Date of Storm Event:	11-10-06
Event Start Time:	1830
Event Finish Time:	2130
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	32
Total Flow from Event (gallons):	4500
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Time Grab Samples Collected: 1831

(Circle appropriate site ID)

Site:	017	SW-03	SW-06	SW-07
Drainage Area:	12	31	29	30

Description: Railroad / 035

5371-5

Parameter	Sample Type	Preserved
BOD 5	Grab	None
COD	Grab	H2SO4
Ammonia	Grab	H2SO4
N-N-N	Grab	H2SO4
Oil & Grease	Grab	H2SO4
pH	Grab	None
T. Phosphorus	Grab	H2SO4
TKN	Grab	H2SO4
TSS	Grab	None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

5371-6

BOD 5	Composite	None
COD	Composite	H2SO4
Ammonia	Composite	H2SO4
N-N-N	Composite	H2SO4
T. Phosphorus	Composite	H2SO4
TKN	Composite	H2SO4
TSS	Composite	None

Field pH:	
Result	10.4
Time	1831
Initials	JS
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm: 25	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature] STR	11-10-06 2350	[signature]	11/11/06 0930
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

3.16

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event: 11-10-06
Event Start Time: 1837
Event Finish Time: 2137
Duration of Storm (minutes): 90
Total Rainfall During Event (inches): 1.25
No Hrs from Previous Storm: 772
Maximum flow during event (gpm): 28
Total Flow from Event (gallons): 3600
Season Samples were Collected: Fall
Form of Precipitation: Rain

Time Grab Samples Collected: 1838

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: Virginia Tunnel

	Parameter	Sample Type	Preserved
5371-7	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
5371-8	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN		H2SO4
	TSS		None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal		Total Volume	4000 ml

Field pH:	
Result	8.4
Time	1838
Initials	JS
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm: 20	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature] EFR	11-10-06 2350	[signature]	11/11/2006 0930
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

FL:0087

3.1

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event: 11-10-06
Event Start Time: 1834
Event Finish Time: 2134
Duration of Storm (minutes): 90
Total Rainfall During Event (inches): 1.25
No Hrs from Previous Storm: >72
Maximum flow during event (gpm): 25
Total Flow from Event (gallons): 2700
Season Samples were Collected: Fall
Form of Precipitation: Rain

Time Grab Samples Collected: 1835

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: Tennesee Drain

	Parameter	Sample Type	Preserved
5371-9	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
5371-10	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN		H2SO4
	TSS		None

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

Field pH:	
Result	8.5
Time	1835
Initials	MJR
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm:	15

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
Matt T- / STL	11-10-06 @ 2350	Peter Wesson	11/11/2006 0930
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

FL:0087

3.6°C

Stormwater Sampling

Location: USS - Gary Works

Date of Storm Event:	11-10-06
Event Start Time:	1845
Event Finish Time:	2145
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	25
Total Flow from Event (gallons):	3600
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Time Grab Samples Collected: 1846

	Parameter	Sample Type	Preserved
5371-11	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
5371-12	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN		H2SO4
	TSS		None

(Circle appropriate site ID)

Site:	SW-01	SW-08	SW-09	SW-11
	SW-02		SW-10	SW-04
Drainage Area:	11	32	10	10

Description: Broadway Tunnel

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal.		Total Volume	4000 ml

Field pH:	
Result	7.2
Time	1846
Initials	SS
Autosampler Used:	
(YES)	NO
If Yes, Est Avg Flow, gpm: 20	

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature] SRZ	11-10-06 2350	[signature]	11/11/2006 0930
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

FL:0087

SEVERN TRENT SERVICES

3.1°C

Stormwater Sampling

Location:

Date of Storm Event:	11-10-06
Event Start Time:	1832
Event Finish Time:	2132
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	25
Total Flow from Event (gallons):	3240
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

Time Grab Samples Collected: 1834

5371-13

Parameter	Sample Type	Preserved
BOD 5	Grab	None
COD	Grab	H2SO4
Ammonia	Grab	H2SO4
N-N-N	Grab	H2SO4
Oil & Grease	Grab	H2SO4
pH	Grab	None
T. Phosphorus	Grab	H2SO4
TKN	Grab	H2SO4
TSS	Grab	None
Lead	Grab	HNO3
Zinc	Grab	HNO3

Site: 134

Drainage Area:

Description: Mason Basin

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
Total Flow, gal.			Total Volume	4000 ml

5371-14

BOD 5	Composite	None
COD	Composite	H2SO4
Ammonia	Composite	H2SO4
N-N-N	Composite	H2SO4
T. Phosphorus	Composite	H2SO4
TKN	Composite	H2SO4
TSS	Composite	None
Lead	Composite	HNO3
Zinc	Composite	HNO3

Field pH:
Result 7.4
Time 1835
Initials BF

Comments: Used automatic Sampler at site. Flow estimated at 18 GPM.

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11-10-06 2350	[signature]	11/11/2006 0930
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

FL:0087

3.6°C

Stormwater Sampling

Location: USS - Gary Works

Time Grab Samples Collected: 1851

Date of Storm Event:	11-10-06
Event Start Time:	1850
Event Finish Time:	2150
Duration of Storm (minutes):	90
Total Rainfall During Event (inches):	1.25
No Hrs from Previous Storm:	>72
Maximum flow during event (gpm):	30
Total Flow from Event (gallons):	3600
Season Samples were Collected:	Fall
Form of Precipitation:	Rain

	Parameter	Sample Type	Preserved
5371-15	Chromium	Grab	HNO3
	Lead	Grab	HNO3
	Zinc	Grab	HNO3
	BOD 5	Grab	None
	CBOD 5	Grab	None
	COD	Grab	H2SO4
	Ammonia	Grab	H2SO4
	N-N-N	Grab	H2SO4
	Oil & Grease	Grab	H2SO4
	pH	Grab	None
	T. Phosphorus	Grab	H2SO4
	TKN	Grab	H2SO4
	TSS	Grab	None
5371-16	Chromium	Composite	HNO3
	Lead	Composite	HNO3
	Zinc	Composite	HNO3
	BOD 5	Composite	None
	CBOD 5	Composite	None
	COD	Composite	H2SO4
	Ammonia	Composite	H2SO4
	N-N-N	Composite	H2SO4
	T. Phosphorus	Composite	H2SO4
	TKN	Composite	H2SO4
	TSS	Composite	None

Site: 034 / EJE

Drainage Area:

Description:

FLOW PROPORTIONED COMPOSITE SAMPLE INFORMATION:

Time	Flow (Sec/gal)	Flow (gpm)	Initials	Flow Wt Portion of Composite
	Total Flow, gal		Total Volume	4000 ml

Field pH:	
Result	6.8
Time	1851
Initials	MJR
Autosampler Used:	
YES	NO
If Yes, Est Avg Flow, gpm:	20

Comments:

Relinquished By:	Date/Time	Received By:	Date/Time
Mark T. [illegible] / STL	11-10-06 @ 2350	[illegible]	11/11/2006 0930
Relinquished By:	Date/Time	Received By:	Date/Time

Revision: 001
Effective: 10/11/99

FL:0087

LOGIN SAMPLE RECEIPT CHECK LIST

Client: United States Steel Corporation

Job Number: 510-5371-1

Login Number: 5371

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

APPENDIX F

INSPECTION CHECKLIST AND ENVIRONMENTAL INCIDENT REPORTING PROCEDURES

Appendix F
Routine Visual Inspection Checklist

AREA(S) INSPECTED:

WHAT TYPE(S) OF AREAS ARE YOU INSPECTING? (CHECK ALL THAT APPLY)

- Areas around equipment ☐
- Areas where spills or leaks have occurred in the past ☐
- Material storage areas (tank farms, drum storage, storage piles, etc.) ☐
- Outdoor material processing areas ☐
- Material handling areas (loading, unloading, transfer, etc.) ☐
- Waste generation, storage, treatment, and disposal areas ☐
- Best Management Practices and Controls ☐

PROBLEMS FOUND (CHECK ALL THAT APPLY):

- Corroded drums or drums without plugs or covers ☐
- Corroded or damaged tanks, tank supports, and tank drain valves ☐
- Torn bags or bags exposed to rain water ☐
- Leaking or improperly closed valves and valve fittings ☐
- Leading pumps and/or hose connections ☐
- Broken or cracked dikes, walls, or other physical barriers designed to prevent storm water from reaching stored materials or waters of the State. ☐
- Wind blown dry chemicals ☐
- Improperly maintained or overloaded dry chemical conveying systems ☐
- No Issues Identified ☐

Comments: _____

Who (in operations or maintenance) was notified of the problem(s) found?

What corrective action was taken?

Is a CPAR to be issued? (If yes, provide the CPAR number.) _____

Date of inspection: _____ Inspector's name: _____

Sample for Reference Only

Appendix F
Environmental Incident Reporting Procedures

USS Environmental Management Practice	Document ID: 70100003EMP
Plant: Gary Works	Original Issue: 08/09/98
Area: All Business Units and Departments	Revision Date: 12/07/04
Subject: Environmental Incident Reporting	Authorization: See below

1.0 Purpose

1.1 This practice has been developed as guidance for reporting spills and environmental releases. This practice, when properly implemented, will ensure that releases of oil and/or hazardous substances are reported properly.

2.0 Scope

2.1 This practice applies to all Gary Works personnel whose job activities could cause an environmental spill or release, or who may be the discoverer of a spill or environmental release incident.

* **3.0 References**

3.1 USS Gary Works Integrated Contingency Plan.

4.0 Definitions

5.0 Responsibilities

5.1 All personnel, including contractors and suppliers, are responsible for ensuring the implementation of this practice within Gary Works.

5.2 The Environmental Control Department will monitor Gary Works performance with respect to this practice.

6.0 General Practice

6.1 Incident Reporting

6.1.1 If a spill or environmental release occurs, the person responsible for the release or the person discovering the release must immediately communicate the incident to the Energy Distribution Load Dispatcher at Plant Extension 4451.

6.1.2 The incident should also be communicated to the responsible individual's immediate supervisor.

6.1.3 The following information must be communicated to the Load Dispatcher:

(a) Name, division and plant telephone extension of the individual reporting the incident;

(b) Identity of the substance released; i.e., gasoline, diesel fuel, lubricating oil, hydraulic fluid, antifreeze, etc;

(c) The medium or media into which the release occurred; i.e., land, water, plant sewers, etc.;

(d) An estimate of the quantity released, if possible;

(e) An estimate of the area (in square feet) affected by the release;

(f) Time and duration of the release;

(g) The exact location of the release; and

* (h) Whether additional assistance, such as from the Hazardous Materials Responders, is required.

6.2 The Load Dispatcher will contact the appropriate Environmental Control Manager on emergency call duty and document the call in the Incident Reporting System.

7.0 Practice Approval

7.1 Approved for Principle and Practice:

R. L. Chapman
ISO 14001 Coordinator

Sample for Reference Only

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