State of Washington Department of Ecology
Northwest Regional Office

STORMWATER COMPLIANCE INSPECTION REPORT

General Data

Inspection Date	NPDES Permit #	County	Receiving Waters	Inspector(s)	Fac Type
03/29/06	**SO3003645C**	King	Duwamish Waterway	Greg Stegman	**Industrial**

Weather at time of inspection: Clear

Discharges to: Surface Water ☒ Ground Water ☐ Discharge location: N 47 32' 21.8"; W 122 19' 31.5" (NAD83)

Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Seattle Iron and Metal Corporation 601 S Myrtle St. Seattle, WA 98108 Facility entrance location: N 47 32' 16.5"; W 122 19' 36.5" (NAD83)	10:00 am Exit Time 11:50 am	09/20/02 Permit Expiration Date 09/20/07

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Additional Participants:
Eric Paul 206-682-0040	Megan Wisdom, Ecology

Mailing Address of Responsible Official/Title/Phone and Fax Number.	
Eric Paul Seattle Iron and Metal Corporation 601 S Myrtle St. Seattle, WA 98108	Samples Taken? No Photos Taken? Yes
Phone number (206) 682-0040 Announced Inspection	

CONCERNS AND RECOMMENDATIONS

- The Administrative Order (Order) issued to Seattle Iron and Metal Corporation has not been rescinded. Contact John Drabeck (425) 649-7293 with any questions regarding compliance with the Order and individual permit application process.
- The total zinc value for the second quarter of 2005 has exceeded the benchmark value described in Industrial Stormwater General Permit (permit) condition S4.D.2, therefore consult permit condition S4.C for the appropriate response.
- There were petroleum stains around the stationary fueling station. To prevent petroleum contamination of stormwater, implement the necessary fueling station operational and/or source control Best Management Practices (BMPs).

For assistance with any of these compliance issues or recommendation regarding BMPs see the Stormwater Management Manual for Western Washington, volumes IV and V (SWMM). To obtain a copy of the SWMM you may go to Ecology's website at: http://www.ecy.wa.gov/programs/wq/stormwater/manual.html

BACKGROUND

Seattle Iron and Metals Corporation (SIMC) uses a metal shredder, a shearing machine and torches to break up larger pieces of ferrous and non-ferrous metals into small bits that are then sold to recyclers.

On May 28, 1999 an Administrative Order (Order) was issued to SIMC and remains in effect. The Order required SIMC to apply for an Individual State Waste Discharge Permit (individual permit), which they have done. In addition, the Order requires monitoring of the facility's stormwater discharges. The individual permit application is being processed by John Drabeck of Ecology. Seattle Iron and Metal is still required to comply with all terms of the Order, until the issuance of the individual permit. The facility also is covered by an Industrial Stormwater General Permit (general permit). The general permit will remain in effect until the individual permit is issued.

The Department of Ecology (Ecology) has conducted an inspection at this facility in the past. The purpose of this inspection is to respond to a complaint and to conduct a compliance inspection per the requirement of the Revised Code of Washington (RCW) 90.48.560.

The complaint concerned pictures, that Ecology received on February 17 2006, showing scrap metal from the SIMC site spilling down the bank towards the Duwamish Waterway. Eric Paul, representing SIMC, affirmed that the picture was at his facility and told us that they had cleaned up the area using a giant magnet and installed an additional barrier in the area to prevent future material overflow (photo P3290013).

Areas Evaluated During Inspection		
Stormwater Pollution Prevention Plan (SWPPP)	☒	Onsite: Yes
Permit	☒	Onsite: Yes
Visual Inspections	☒	Documented: Yes
Spill prevention and emergency cleanup plan	☒	Documented: Yes
Employee training for spill plan and SWPPP	☒	Documented: Yes
Discharge Monitoring Reports (DMRs)	☒	DMR concern(s): Parameter(s) above permit limit
Catch Basins	☒	Frequency of Cleaning: As needed Catch basin filters are changed as needed.
Oil/Water Separators	☐	Frequency of Cleaning: Unknown
Equipment/Vehicle Washing	☒	Conducted onsite: Yes Wash water drains to:Sanitary sewer
Outside Storage and Parking Areas	☒	Paved: Yes Sweeping Frequency: Daily Type of materials stored outside: See below Type of vehicles stored outside: Heavy equipment Stockpiles of scrap metal (photo P3290006) are located through out the site in various states of processing. Most stockpiles are uncovered and sorted by metal type. The facility does not take hazardous materials. Some potentially hazardous liquids are present in the junked cars, and are burned during the shredding process.
Fueling operations	☒	Conducted onsite: Yes Type: Stationary There were petroleum stains around the stationary fueling station.
Equipment/Vehicle Maintenance	☒	Conducted onsite: Yes Repair and maintenance performed outside: No
Treatment System, monitoring point and discharge point	☒	All stormwater on site is moved through a carefully designed and managed treatment system. The treatment system consists of flocculation and metal precipitation. Stormwater sampling is conducted at a spigot (Photo P3290016) tapped into the treatment plant's effluent pipe. Effluent from the treatment plant is then discharged into the Duwamish Waterway. Sampling is not

		conducted at the Duwamish Waterway outfall because the discharge at this point is a mixture of off site stormwater from Orchard Street and the treated stormwater from the facility.

For questions concerning this inspection report please contact Greg Stegman at (425)-649-7019, gste461@ecy.wa.gov or Washington State Department of Ecology, NWRO, 3190 160th Avenue SE, Bellevue, WA 98008-5452.

cc: Greg Stegman, Ecology

Signatures

	Reviewed and approved by:
Gregory P. Stegman 062806	Donald Seeberger 6/28/06
Gregory P. Stegman Stormwater Inspector Water Quality Program Date	Donald Seeberger Unit Supervisor Water Quality Program Date

PHOTO ADDENDUM – SEATTLE IRON AND METAL CORPORATION 3/29/06

P3290006 **DESCRIPTION:** STOCKPILED MATERIAL NEAR SHREDDER

P3290009 **DESCRIPTION:** DIESEL FUEL STATION

P3290013 **DESCRIPTION:** RECENTLY INSTALLED SECONDARY CONTAINMENT AT SOUTHERN EDGE OF PROPERTY

P3290016 **DESCRIPTION:** SAMPLE POINT- WHERE TREATMENT SYSTEM DISCHARGES TO PIPE THAT EVENTUALLY DISCHARGES TO DUWAMISH.