



State of Washington Department of Ecology
Northwest Regional Office
WATER COMPLIANCE INSPECTION REPORT

substitute for OMB No. 2040-0057 and EPA form 3560-3 (Rev. 9-94)
(last file update 12-95.)

Section A: National Data System Coding (i.e., PCS)

Transaction Code 1 N 2 5	NPDES # 3 WA-003130-5 11	yr/mo/day 12 13/09/05 17	Inspection Type 18 C	Inspector 19 S	Fac Type 20 1
Remarks					
Inspection work days 67 1.0 69	Facility Self-Monitoring Evaluation Rating 70 4	BI 71 N	QA 72 N	Reserved 73 _____ 74 _____ 75 _____ 80	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Nucor Steel Seattle, Inc. 2424 SW Andover Street Seattle, WA 98106	Entry Time/Date 11:23 am 09/05/13	Permit Effective Date 03/24/11
	Exit Time / Date 1:15 pm 09/05/13	Permit Expiration Date 03/24/16
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Jeromy Adams Safety/Environmental Engineer (206) 933-2223 Fax: (206) 988-2207	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number. Bart Kale Safety/Environmental Manager		
Phone Number (206) 988-2228 Fax _____ Contacted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Operations&Maint.	<input type="checkbox"/> CSO/SSO (Sewer Overflow)
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Self-Monitoring Program	<input checked="" type="checkbox"/> Sludge Handling/Disposal	<input checked="" type="checkbox"/> Pollution Prevention
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Compliance Schedules	<input checked="" type="checkbox"/> Pretreatment	<input type="checkbox"/> Multimedia
<input type="checkbox"/> Effluent/Receiving water	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> other

Section D: Summary of Findings/Comments

INTRODUCTION

This was a compliance inspection. I arrived onsite at approximately 11:23 am. I checked in at the gate, and met with Jeromy Adams. Jeromy led us to the office where we met with Bart Kale, Safety/Environmental Manager, and Patrick Jablonski, Environmental Engineer. We discussed the changes which have occurred at the site since the last inspection, and changes that will take place in the near future. The following details our discussion and the findings made during the inspection.

FINDINGS

1) There hasn't been an overflow from Longfellow Creek this fall. Overflow typically occurs when a storm event exceeds a 2-year 24-hour storm event. The facility staff continues to maintain and find ways to improve the treatment and conveyance systems, such as sealing the underground pipe as they perform maintenance work to prevent inflow and infiltration of groundwater into the conveyance piping system, looking into best management practices to manage stormwater, and replacing sediment socks in stormwater drains.

2) Steel slag and mill scale are stored on the north parcel of the plant. The products are shipped by rail to either the asphalt industry or cement industry. The north parcel is leased to General Services of Washington (subsidiary of Nucor Steel) by the Port of Seattle. According to the facility, this parcel is generally flat and no runoff has been observed from the area.

3) In 2006, the roof over the scrap yard was extended. Approximately 70% of the scrap yard is now covered (See photo taken on September 23, 2013). Currently, the facility has no immediate plans to extend the roof over the rest of the scrap yard.

4) The wastewater treatment system is located on the northwest side of the facility. Products in 55-gallon drums and 5-gallon buckets are stored on an aboveground concrete secondary containment area with a metal grating cover. Jeromy and

Pat pointed out that approximately 30% of the treated wastewater is recycled back to the plant, used to be for cooling the billets as they come out of the rolling mill.

5) All process cooling water and non-contact cooling water from the electric arc furnace, and all of the mold water cooling system blowdown water (6 cooling towers) are discharged to King County's wastewater treatment plant.

CONCLUSION

The overall inspection went well. No water quality violations were noted during the inspection. Due to some technical issues with the camera, several photos taken during the inspection on September 5, 2013 did not turn out well, due to insufficient light. Thus, those photos were not attached with this report. However, a couple of photos taken during the September 23, 2013 inspection were included.

Name(s) and Signatures of Inspector(s) Jeanne Tran 	Agency/Office/Telephone WA Dept. of Ecology/NWRO/(425)649-7078 3190 160th SE, Bellevue, WA 98008-5452	Date 9/30/13
Signature of Management Q-A Reviewer 	Agency/Office/Phone and Fax Numbers WA Dept. of Ecology/NWRO/(425)649-7000 fax (425)649-7098	Date 10/8/2013

UNANNOUNCED Inspection

INSTRUCTIONS**Section A: National Data System Coding (i.e., PCS)**

Column 1: Transaction Code. Use N, C, or D for New Change or Delete. All inspections will be new unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number. (Use the Remarks columns to record State permit number, if necessary.)

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 94/06/30 = June 30, 1994).

Column 18: Inspection Type. Use one of the codes listed below to describe the type of inspection:

A Performance Audit	L Enforcement Case Support	2 IU Sampling Inspection
B Compliance Biomonitoring	M Multimedia	3 IU Non-Sampling Inspection
C Compliance Evaluation (non-sampling)	P Pretreatment Compliance Inspection	4 IU Toxics Inspection
D Diagnostic	R Reconnaissance	5 IU Sampling Inspection with Pretreatment
E Corps of Engineers Inspection	S Compliance Sampling	6 IU Non-Sampling Inspection with pretreatment
F Pretreatment Follow-up	U IU Inspection with Pretreatment Audit	7 IU Toxics with Pretreatment
G Pretreatment Audit	X Toxics Inspection	
I Industrial User (IU) Inspection	Z Sludge	

Column 19: Inspector Code. Use one of the codes listed below to describe the *lead agency* in the inspection.

C - Contractor or Other Inspectors (Specify in Remarks Columns)	N - NEIC Inspectors
E - Corps of Engineers	R - EPA Regional Inspector
J - Joint EPA/State Inspectors - EPA Lead	S - State Inspector
	T - Joint State/EPA Inspectors - State Lead

Column 20: Facility Type. Use one of the codes below to describe the facility.

- 1 - Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
- 2 - Industrial. Other than municipal, agricultural, and Federal facilities.
- 3 - Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
- 4 - Federal. Facilities identified as Federal by the EPA Regional Office

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Columns 67-69: Inspection Work Days. Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as follow-up on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, and other updates to the record).

Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection. The heading marked "Multimedia" may indicate medias such as CAA, RCRA, and TSCA. The heading marked "Other" may indicate activities such as SPCC, BMPs, and concerns that are not covered elsewhere.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

PHOTO NO. 1

DATE: 09/23/13

TAKEN BY:
Jeanne Tran

WITNESS: Patrick
Jablonski, Jeromy
Adams, and Jerry
Shervey

FACILITY:
Nucor Steel Seattle,
Inc.

DESCRIPTION:
Approximately
70% of the scrap
yard is now
covered.



PHOTO NO. 2

DATE: : 09/23/13

TAKEN BY:
Jeanne Tran

WITNESS: Patrick
Jablonski, Jeromy
Adams, and Jerry
Shervey

FACILITY:
Nucor Steel Seattle,
Inc.

DESCRIPTION:
Another view of
the scrap yard.

