

**DEPARTMENT OF ECOLOGY  
INDUSTRIAL STORMWATER GENERAL PERMIT  
LEVEL 2 REPORT FORM**

**Facility Site Information**

**Mailing Information**

Facility Name <u>Central Treatment Plant</u>	Company Name <u>City of Tacoma</u>
Permit Number <u>SO3000711D</u>	Permit Number <u>SO3000711D</u>
Facility Address <u>2201 Portland Avenue</u>	Mailing Address <u>2201 Portland Ave.</u>
City <u>Tacoma</u>	City, State, Zip <u>Tacoma WA 98421</u>
Facility County <u>Pierce County</u>	

**Level Two Start Date: 23 March 2009**

(This is the date the Permittee received sample results showing a second exceedance above an action level value for the same parameter, or the second sample outside the pH range.)

(1) Results of potential source(s) identification of stormwater contamination that are causing or contributing to the presence of the benchmark parameter:

High volumes of heavy truck traffic through this area of the treatment plant.

(2) Results of Investigation of all available options of **capital and source/operational control best management practices** to reduce stormwater contaminant levels to or below benchmark values:

Increased frequency of street sweeping has not improved the turbidity. Catch basin fabric liners have not improved the turbidity. Installation of a packaged treatment system is possible to meet turbidity benchmarks, but the cost is very high. The City is exploring the alternative of ceasing this stormwater discharge and returning the flow to the WWTP for treatment.

(3) Additional necessary **source/operational control** BMPs identified in Level 2 investigation that were implemented within 45 days of starting a level two response:

BMP	Completion Date
Catch basin liners inspected and replaced where needed.	12/2008
Street sweeping interval confirmed at weekly.	03/27/09
Continued weekly regenerative street sweeping.	On-going

(4) Additional necessary **capital** BMPs identified in action 2 investigation that were implemented within six months of starting a level two response:

None.

BMP	Completion Date

**Actions Taken and/or Planned to reduce stormwater contaminant levels**

Action	Completion Date
Initiated contact with Ecology to discuss turning the flow from the plant back into the treatment plant for treatment, and not discharging to the stormwater system. First meeting was 11 March 2009	Not yet estimated.

**Additional Comments**

Second Quarter 2009 test results showed CB #140 meeting all benchmark requirements. CB #57 met all benchmark values save Turbidity. We will focus more street sweeping in this area to try to achieve the same level of water quality as at the CB #140 area.

**DEPARTMENT OF ECOLOGY  
INDUSTRIAL STORMWATER GENERAL PERMIT  
LEVEL 1 REPORT FORM**

**Facility Site Information**

Facility Name North End Plant  
Permit Number: S03-000712D  
Facility Address: 4002 North Waterview St.  
City: Tacoma  
Facility County: Pierce

**Mailing Information**

Company Name: City of Tacoma  
Permit Number: S03-000712D  
Mailing Address: 2201 Portland Ave.  
City, State, Zip: Tacoma, WA 98421

**Level One Start Date: 01 May 2009**

(The Permittee must conduct an inspection within seven days of Level One start date.)

Plant inspected 07 May 2009 by Jim Fleming.

- (1) Potential source(s) of stormwater contamination that are causing or contributing to the presence of the benchmark parameter:  
Zinc from vehicular traffic in the parking lot.
- (2) Results of evaluation for conducting additional stormwater sampling to track down source(s) of stormwater contamination that are causing or contributing to the presence of the benchmark parameter:  
We cannot find any new source, nor explanation for this test result (202 ug/L)
- (3) **Source/operational control best management practices** identified in the Stormwater Pollution Prevention Plan (SWPPP) that have not been:
  - (a) Properly maintained: None
  - (b) Implemented: None

(4) Existing and/or additional **source/operational control** BMPs identified during site inspection and SWPPP investigation that were implemented within thirty (30) days of receipt of sampling results above a benchmark value:

BMP	Completion Date
Street sweeping	06 May 2009

**Additional Comments**

We suspect this lab test result is an error, or that the sample was somehow contaminated in handling/processing. This test result is beyond the range of previous test results. No unusual activities were underway at the plant at the time this sample was taken. The operator who took the sample stated that it was as clear as tap water, as is borne out in the turbidity reading of 4 NTU. Lead and copper levels in this sample were in the proper range established by previous sampling.