

OCT 25 2007

WATER QUALITY PROGRAM

SO3-005561A

INDUSTRIAL STORMWATER GENERAL PERMIT  
DISCHARGE MONITORING REPORTMONITORING PERIOD for (year/quarter): 2007 ☐ Jan/Feb/Mar ☐ Apr/May/Jun ☒ Jul/Aug/Sep ☐ Oct/Nov/Dec  
yearFacility/Site InformationBELLINGHAM, CITY OF PWD POST POINT  
Location: 200 MCKENZIE AVENUE  
County: WHATCOM

Primary SIC Code: 9511

Mailing InformationCITY OF BELLINGHAM PUBLIC WORKS DEP  
2221 PACIFIC STREET  
BELLINGHAM, WA 98229POSTED  
DATE: 10/26/07  
INITIALS: JLC

You must send a Discharge Monitoring Report (DMR) to Ecology **every quarter**. If there was **no discharge** or you have **suspended sampling** because of consistent attainment of benchmark values, mark the appropriate boxes and send the DMR to Ecology. Please read the instructions before completing the DMR

Discharge Point <u>A</u>						
<input type="checkbox"/> There was no qualifying storm event this quarter so no values are entered below (see explanation)						
Quarterly Monitoring		AVERAGE	MAXIMUM	UNITS	Sample Type	Events Sampled
Turbidity	<input type="checkbox"/> Consistent Attainment		9.07	NTU	Grab	1
pH	<input checked="" type="checkbox"/> Consistent Attainment			Standard Units		
Zinc (total)	<input type="checkbox"/> Consistent Attainment		49	µg/L	Grab	1
Oil & Grease	<input checked="" type="checkbox"/> Consistent Attainment			mg/L		

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319 (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

Geoffrey M. Smyth

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

10 / 22 / 2007  
DATE: MO DAY YEAR

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(360) 676-6850

TELEPHONE NUMBER

## COMMENTS / EXPLANATIONS

Copper analysis included because of two consecutive previous quarters of zinc above benchmark. Consistent attainment of the benchmark for copper has not been achieved for 8 consecutive quarters. Lead analysis is not included because of consistent attainment of the lead benchmark for the previous 8 consecutive quarters.

	Maximum	Units	Sample Type	Events Sampled
Copper (total)	28	µg/L	Grab	1

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DATE: 10/26/07  
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<b>Discharge Point</b> <u>B</u>						
<input type="checkbox"/> There was no qualifying storm event this quarter so no values are entered below (see explanation)						
<b>Quarterly Monitoring</b>		<b>AVERAGE</b>	<b>MAXIMUM</b>	<b>UNITS</b>	<b>Sample Type</b>	<b>Events Sampled</b>
<b>Turbidity</b>	<input checked="" type="checkbox"/> Consistent Attainment			NTU	<b>Grab</b>	<b>1</b>
<b>pH</b>	<input checked="" type="checkbox"/> Consistent Attainment			Standard Units		
<b>Zinc (total)</b>	<input type="checkbox"/> Consistent Attainment		<b>230</b>	µg/L	<b>Grab</b>	<b>1</b>
<b>Oil &amp; Grease</b>	<input checked="" type="checkbox"/> Consistent Attainment			mg/L		

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Geoffrey M. Smyth

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

DATE: MO DAY YEAR

10 - 22 - 2007

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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**COMMENTS / EXPLANATIONS**

Lead and copper analysis had been included in previous quarterly monitoring because of two consecutive previous quarters of zinc above benchmark. Lead and copper analysis has been suspended because of consistent attainment of benchmark values for 8 consecutive quarters.

OCT 25 2007

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**INDUSTRIAL STORMWATER GENERAL PERMIT**  
**DISCHARGE MONITORING REPORT**

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 2221 PACIFIC STREET  
 BELLINGHAM, WA 98229

**POSTED**  
 DATE: 10/26/07  
 INITIALS: JK

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Discharge Point <u>C</u>						
<input type="checkbox"/> There was no qualifying storm event this quarter so no values are entered below (see explanation)						
Quarterly Monitoring		AVERAGE	MAXIMUM	UNITS	Sample Type	Events Sampled
Turbidity	<input type="checkbox"/> Consistent Attainment		7.60	NTU	Grab	1
pH	<input checked="" type="checkbox"/> Consistent Attainment			Standard Units		
Zinc (total)	<input type="checkbox"/> Consistent Attainment		28	µg/L	Grab	1
Oil & Grease	<input checked="" type="checkbox"/> Consistent Attainment			mg/L		

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10-22-2007  
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COMMENTS / EXPLANATIONS

**Post Point Pollution Control Plant  
Bellingham, Washington  
Permit # SO3005561A**

**Summary of Inspection Results and Remedial Actions**

Staff at the City of Bellingham Post Point Pollution Control Plant (City) conducted regular quarterly stormwater monitoring on July 17, 2007. The rain event began at 06:15 and ended at 10:10. Total rainfall of 0.14 inches was recorded over this time. Samples were immediately analyzed for turbidity and pH at the City's accredited lab. Oil & grease, zinc, lead, and copper samples were sent to Edge Analytical for analysis.

Results from Edge Analytical were received October 17, 2007. Results indicated that the zinc level at discharge point B was 230 ug/L, significantly above the benchmark value of 117 ug/L.

An investigation of the facility area draining to discharge point B was conducted on October 17, 2007. A previous inspection of the facility in June 2005 indicated that galvanized stormwater conveyance pipes (gutters) from surrounding buildings were responsible for elevated zinc levels. Appropriate remedial action was taken at the time and all gutters were rerouted to grassy or landscaped areas where the stormwater from those buildings would no longer contribute to stormwater discharge. Those gutter sites were revisited and one was found to need additional rerouting to prevent overflow onto the adjacent paved area. The operations manager has addressed this need to the maintenance staff. In addition, an oil-water separation unit found within the catch basin adjacent to the diesel fuel tank was inspected and deemed likely to have galvanized pipes. A sample of standing water around the suspected galvanized pipes was taken and sent to Edge Analytical Laboratories for testing. If high levels of zinc are discovered, steps will be taken to assess and remediate contributions from this source.

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TELEPHONE NUMBER



**DEPARTMENT OF PUBLIC WORKS** 2221 Pacific Street, Bellingham, WA 98229-5823  
Telephone (360) 676-6850 ♦ Fax (360) 676-7799

DEPARTMENT OF ECOLOGY  
OCT 25 2007  
WATER QUALITY PROGRAM

October 22, 2007

Joyce Smith  
Industrial Stormwater Permit Manager  
Department of Ecology  
Water Quality Program  
PO Box 47696  
Olympia, WA 98504-7696

Dear Ms Smith:

Enclosed is a copy of Bellingham's Industrial Stormwater General Permit Discharge Monitoring Report for the Sep/Oct/Nov quarter of 2007.

The City of Bellingham (City) is a Phase II municipality with a general industrial permit (#SO3005561A) at its Post Point Pollution Control Plant. Beginning in 2003, the City has conducted all required quarterly monitoring at three sites representing plant stormwater. Sampling sites are designated as A, B, and C in the City's Stormwater Pollution Prevention Plan (February 27, 2003).

In addition, we would like to inform you that consistent attainment of benchmark values for the zinc parameter at sample site C was achieved from 3<sup>rd</sup> quarter 2005 to 3<sup>rd</sup> quarter 2007. Unless we hear otherwise from your department, the City of Bellingham will suspend sampling and analysis of the zinc stormwater parameter for site C based on consistent attainment of benchmark values for the previous eight consecutive quarters in accordance section S4, D-2 of the Industrial General Stormwater Permit. Monitoring for the above listed stormwater parameter will be discontinued beginning the 4<sup>th</sup> quarter of 2007.

Please let me know if you require further information.

Sincerely,

A handwritten signature in black ink, appearing to read "Geoffrey M. Smyth". The signature is fluid and cursive, with a large initial "G" and "S".

Geoffrey M. Smyth, PE  
Public Works Superintendent/Operations

RAH/ka

Enclosure