DEPARTMENT OF ECOLOGY
State of Washington

Industrial Stormwater General Permit Annual Report Form

Permit No. WAR-3 0 5 5 3 6
Site Name: Bellingham Shipping Terminal POB
Site County: Whatcom

Use this form to submit your annual report to Ecology. This form is not protected. Use your F11 key to maneuver through the fields. Attach corrective action documentation, and/or additional sheets if necessary. All facilities must submit a signed annual report each year on or before May 15th. Retain a copy of your submitted report onsite for Ecology review.

1. Benchmarks Exceeded

This report is based on samples collected during calendar year 2020.

Did you exceed the benchmark for any parameter during the above noted calendar year (Jan 1st – Dec 31st)?
Note: If you sampled a parameter (other than pH or visible oil sheen) at a discharge point more than once during a quarter, the average of the sample results must be compared to the benchmark.

Yes ☒ - **Complete Sections 2 and 3 and sign and submit the form as described in Section 4.**

No ☐ - **Complete Section 2, skip Section 3, and sign and submit the form as described in Section 4.**

Include any additional comments here:

Benchmark was exceeded during Q2 for copper at sample point B1C in Basin 1.

Benchmark was exceeded during Q3 for copper and zinc at sample point W1C, which receives runoff from the Warehouse 1 roof.

Benchmark was exceeded during Q4 for turbidity and total suspended solids at sample point B3F in Basin 3.

2. Stormwater Problems Identified At the Facility

Instructions: Based on the best available information, briefly describe any potential or actual stormwater pollution problem(s) you identified during the previous calendar year (Jan 1st – Dec 31st).

- Sources of available information may include (but may not be limited to): SWPPP reviews, audits made by consultants or providers of technical assistance, inspection reports or other notification made by federal/state/local authorities, visual observations, and/or your facility's monthly site inspections (self-inspections).
- For each problem identified, provide the date you discovered the problem (estimate if necessary).
- Do not include problems discovered through stormwater sampling. This information is covered in Section 3.

Date Problem Discovered:9/23/2020 **Describe the Problem:** During routine inspection, a moorage tenant trash dumpster was observed to have the lid locked in the open position. The tenant was notified and reminded of the ISGP requirement that dumpsters remain covered. The tenant responded promptly to close and relock the security bar and lid on the dumpster.

Date Problem Discovered:10/13/2020 **Describe the Problem:** During stormwater infrastructure inspection, it was noted that the media surface of 2 downspout treatment units at Warehouse 2 had developed a hardened crust. The crusty layer prevented stormwater from infiltrating evenly over the media. The media surface was scratched and redistributed evenly to maximize the functioning of the treatment units and preserve the media life.

Date Problem Discovered: **Describe the Problem:**

Date Problem Discovered: **Describe the Problem:**

3. Corrective Actions Planned or Taken

Instructions: Complete this section for each pollutant parameter (e.g., turbidity, copper) that exceeded a benchmark during the previous calendar year (Jan 1st – Dec 31st). The permit requires you to identify the condition triggering the need for corrective action review. To do this, indicate below which quarters had a sample result that exceeded the benchmark. If more than one sample was taken at a sample location, indicate which quarters had an average sample result that exceeded the benchmark. Note: If you exceeded the benchmark for more than one parameter (e.g., turbidity and zinc), make additional copies of Section 3 and complete one for each parameter.

Pollutant Parameter: Total Copper benchmark was exceeded during the following quarters (check all that apply):

☐ 1st Quarter (January, February, March)

☒ 2nd Quarter (April, May, June)

☒ 3rd Quarter (July, August, September)

☐ 4th Quarter (October, November, December)

Instructions: *For the pollutant parameter above*, summarize any Level 1, 2, or 3 corrective actions completed during the previous calendar year and include the dates you completed the corrective actions.

☒ Level 1 corrective action

Describe the additional *operational source control* BMPs you implemented (Permit Condition S8.B):

Q2 Level 1 – Vacuum sweeping was conducted in Basin 1 including the south pier, middle wharf and north pier, addressing all areas where the treated wood bullrail removal project had occurred in late 2019 and early 2020.

Date corrective action was completed: May 6, 2020.

Q3 Level 1- The copper benchmark was exceeded in the treated roof water from Warehouse 1. The gutters of Warehouse 1 were cleaned manually.

Date corrective action was completed: September 10, 2020.

In addition, we completed the implementation of the structural source control project replacing the existing treated wood bullrail in Basin 1 with plastic bullrail. Approximately 1,325 linear feet of treated wood bullrail were replaced in early 2020. Monitoring results for copper in Basin 1 have trended downward since the replacement of the treated wood bullrail.

☒ Level 2 corrective action

Describe the additional *structural source control* BMPs you implemented (Permit Condition S8.C):

Q3 Level 2 - The media in all MFUs serving Warehouse 1 was replaced with a media more specifically targeting copper and zinc for removal when compared to the original media installed. Only limited industrial activity occurred in Warehouse 1 during 2020.

Date corrective action was completed: 12/16/2020.

☐ Level 3 corrective action

Describe the additional *treatment* BMPs you implemented (Permit Condition S8.D):

Date corrective action was completed:

Instructions: *For the pollutant parameter listed above*, describe the status of any Level 2 or 3 corrective actions triggered during the previous calendar year, but have not yet been completed. Identify the date you expect to complete corrective actions.

☐ Level 2 corrective action

Describe the status of the corrective action:

Date you expect to complete corrective action:

☐ Level 3 Corrective Action

Describe the status of the corrective action:

Date you expect to complete corrective action:

3. Corrective Actions Planned or Taken

Instructions: Complete this section for each pollutant parameter (e.g., turbidity, copper) that exceeded a benchmark during the previous calendar year (Jan 1st – Dec 31st). The permit requires you to identify the condition triggering the need for corrective action review. To do this, indicate below which quarters had a sample result that exceeded the benchmark. If more than one sample was taken at a sample location, indicate which quarters had an average sample result that exceeded the benchmark. Note: If you exceeded the benchmark for more than one parameter (e.g., turbidity and zinc), make additional copies of Section 3 and complete one for each parameter.

Pollutant Parameter: Total Zinc benchmark was exceeded during the following quarters (check all that apply):

☐ 1st Quarter (January, February, March)

☐ 2nd Quarter (April, May, June)

☒ 3rd Quarter (July, August, September)

☐ 4th Quarter (October, November, December)

Instructions: *For the pollutant parameter above*, summarize any Level 1, 2, or 3 corrective actions completed during the previous calendar year and include the dates you completed the corrective actions.

☒ Level 1 corrective action

Describe the additional *operational source control* BMPs you implemented (Permit Condition S8.B):

Q3 Level 1 - The gutters of Warehouse 1 were cleaned manually.

Date corrective action was completed: 9/10/2020.

☐ Level 2 corrective action

Describe the additional *structural source control* BMPs you implemented (Permit Condition S8.C):

Date corrective action was completed:

☐ Level 3 corrective action

Describe the additional *treatment* BMPs you implemented (Permit Condition S8.D):

Date corrective action was completed:

Instructions: *For the pollutant parameter listed above*, describe the status of any Level 2 or 3 corrective actions triggered during the previous calendar year, but have not yet been completed. Identify the date you expect to complete corrective actions.

☐ Level 2 corrective action

Describe the status of the corrective action:

Date you expect to complete corrective action:

☐ Level 3 Corrective Action

Describe the status of the corrective action:

Date you expect to complete corrective action:

3. Corrective Actions Planned or Taken

Instructions: Complete this section for each pollutant parameter (e.g., turbidity, copper) that exceeded a benchmark during the previous calendar year (Jan 1st – Dec 31st). The permit requires you to identify the condition triggering the need for corrective action review. To do this, indicate below which quarters had a sample result that exceeded the benchmark. If more than one sample was taken at a sample location, indicate which quarters had an average sample result that exceeded the benchmark. Note: If you exceeded the benchmark for more than one parameter (e.g., turbidity and zinc), make additional copies of Section 3 and complete one for each parameter.

Pollutant Parameter: Turbidity benchmark was exceeded during the following quarters (check all that apply):

☐ 1st Quarter (January, February, March)

☐ 2nd Quarter (April, May, June)

☐ 3rd Quarter (July, August, September)

☒ 4th Quarter (October, November, December)

Instructions: *For the pollutant parameter above*, summarize any Level 1, 2, or 3 corrective actions completed during the previous calendar year and include the dates you completed the corrective actions.

☒ Level 1 corrective action

Describe the additional *operational source control* BMPs you implemented (Permit Condition S8.B):

Q4 Level 1 - The strip drains and overflow catch basins of media filter drains (MFDs) B3D, B3E and B3F on site were jetted and vacuumed by an outside vendor using a vactor truck. These site surface in front of these 3 MFDs in Basin 3 is gravel.

Date corrective action was completed: 12//23/2020.

☒ Level 2 corrective action

Describe the additional *structural source control* BMPs you implemented (Permit Condition S8.C):

2019 Level 2 -- Based on the results of the pilot project on MFD B3D in early 2020 to concentrate flow and install pipe extensions, the same modification was completed on the remaining 2 MFDs in the gravel area of Basin 3 for the Level 2 corrective action triggered in 2019. The modifications were to address design issues with the Basin 3 MFDs that have a gravel surface draining to them and ensure turbid stormwater is making adequate contact with the treatment media. Monitoring results indicated that while a reduction in turbidity was realized based on the Level 2 corrective action, discharges were still exceeding the turbidity benchmark.

Following completion of the Level 2, discharges into the MFDs from the Basin 3 gravel area were discontinued by plugging the inlet pipes into the treatment beds and allowing basin stormwater to infiltrate.

Date corrective action was completed: 8/26/2020

☐ Level 3 corrective action

Describe the additional *treatment* BMPs you implemented (Permit Condition S8.D):

Date corrective action was completed:

Instructions: *For the pollutant parameter listed above*, describe the status of any Level 2 or 3 corrective actions triggered during the previous calendar year, but have not yet been completed. Identify the date you expect to complete corrective actions.

☐ Level 2 corrective action

Describe the status of the corrective action:

Date you expect to complete corrective action:

☐ Level 3 Corrective Action

Describe the status of the corrective action:

Date you expect to complete corrective action:

3. Corrective Actions Planned or Taken

Instructions: Complete this section for each pollutant parameter (e.g., turbidity, copper) that exceeded a benchmark during the previous calendar year (Jan 1st – Dec 31st). The permit requires you to identify the condition triggering the need for corrective action review. To do this, indicate below which quarters had a sample result that exceeded the benchmark. If more than one sample was taken at a sample location, indicate which quarters had an average sample result that exceeded the benchmark. Note: If you exceeded the benchmark for more than one parameter (e.g., turbidity and zinc), make additional copies of Section 3 and complete one for each parameter.

Pollutant Parameter: Total suspended solids benchmark was exceeded during the following quarters (check all that apply):

☐ 1st Quarter (January, February, March)

☐ 2nd Quarter (April, May, June)

☐ 3rd Quarter (July, August, September)

☒ 4th Quarter (October, November, December)

Instructions: *For the pollutant parameter above*, summarize any Level 1, 2, or 3 corrective actions completed during the previous calendar year and include the dates you completed the corrective actions.

☒ Level 1 corrective action

Describe the additional *operational source control* BMPs you implemented (Permit Condition S8.B):

Q4 Level 1 – The strip drains and overflow catch basins of B3D, B3E and B3F MFDs on site were jetted and vacuumed by an outside vendor using a vactor truck. The site surface in front of these 3 MFDs in basin 3 is gravel.

Date corrective action was completed: 12/23/2020.

Additionally, the modifications and actions described above for the turbidity parameter for the MFDs serving outfalls B3D, B3E and B3F are also appropriate for the total suspended solids parameter.

☐ Level 2 corrective action

Describe the additional *structural source control* BMPs you implemented (Permit Condition S8.C):

Date corrective action was completed:

☐ Level 3 corrective action

Describe the additional *treatment* BMPs you implemented (Permit Condition S8.D):

Date corrective action was completed:

Instructions: *For the pollutant parameter listed above*, describe the status of any Level 2 or 3 corrective actions triggered during the previous calendar year, but have not yet been completed. Identify the date you expect to complete corrective actions.

☐ Level 2 corrective action

Describe the status of the corrective action:

Date you expect to complete corrective action:

☐ Level 3 Corrective Action

Describe the status of the corrective action:

Date you expect to complete corrective action:

4. Certification by Permittee

"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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those 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."

Dave Warter	**Port of Bellingham**	**5/12/2021**
Printed Name	**Company**	**Date**

Signature*

***Note: Signature not required if the form is submitted electronically through the Water Quality Permitting Portal**

***Federal regulations require this report to be signed by the following person, or a duly authorized representative:**

A. In the case of corporations, by a responsible corporate officer.
   Note: Responsible Corporate Officer is defined on p.59 of ISGP: http://www.ecy.wa.gov/programs/wq/stormwater/industrial/ISGPFinal2015.pdf
B. In the case of a partnership, by a general partner of a partnership.
C. In the case of sole proprietorship, by the proprietor.
D. In the case of a municipality, state, federal, or other public facility: by either a principal executive officer or ranking elected official.

A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described above and submitted to Ecology.
2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters.

Please upload the completed form to the Water Quality Permitting Portal: http://www.ecy.wa.gov/programs/wq/permits/paris/portal.html. Make sure you retain a copy for your records.

- **Click on "Permit Submittals"**
- **Then, click on "My Permits", and**
- **Then, click on "Submittals".**

If you have any issues or questions, please contact Ecology's IT support staff at WQWebPortal@ecy.wa.gov or call 800-633-6193/Option 3

If you have questions about this form, contact the following Ecology staff:			
Location	**Contact Name**	**Phone**	**E-mail**
City of Seattle, and Kitsap, Pierce, and Thurston counties	Josh Klimek	360-407-7451	josh.klimek@ecy.wa.gov
Island, King, and San Juan counties	Clay Keown	360-407-6048	clay.keown@ecy.wa.gov
Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Skagit, Snohomish, Spokane, Stevens, Walla, Whatcom, and Whitman counties.	Shawn Hopkins	360-407-6442	shawn.hopkins@ecy.wa.gov
Benton, Chelan, Clallam, Clark, Cowlitz, Douglas, Grays Harbor, Jefferson, Kittitas, Klickitat, Lewis, Mason, Okanogan, Pacific, Skamania, Wahkiakum, and Yakima counties.	Joyce Smith	360-407-6858	joyce.smith@ecy.wa.gov