

Name of TMDL	WRIA 15 - SINCLAIR AND DYES INLETS FECAL COLIFORM BACTERIA TOTAL MAXIMUM DAILY LOAD
Document(s) for TMDL	<i>Sinclair and Dyes Inlets Fecal Coliform Bacteria Total Maximum Daily Load (TMDL) Water Quality Implementation Plan</i> , In Draft, Ecology Publication No. 11-10-051. https://fortress.wa.gov/ecy/publications/publications/1110051.pdf
Location of Original 303(d) Listings	Dyes Inlet & Port Washington Narrows (WA-15-0020) Gorst Creek (WA-15-4000) Blackjack Creek (WA-15-4200) Annapolis Creek (WA-15-4400) Beaver Creek (WA-15-4900) Clear Creek (WA-15-5000) Barker Creek (WA-15-5100) Sinclair Inlet (WA-15-0040)
Area Where TMDL Requirements Apply	These requirements apply to areas served by MS4s listed below within the TMDL coverage area.
Parameter(s)	Fecal coliform bacteria
EPA Approval Date	July 5, 2012
MS4 Permittee	Phase II Permit: City of Bainbridge Island, WAR04-5503; City of Bremerton, WAR04-5507; City of Port Orchard, WAR04-5536; Kitsap County, WAR04-5546

CITY OF BAINBRIDGE ISLAND

Actions Required

Business Inspections:

The Permittee shall inspect facilities with SIC Industry Group no. 074, 075, including NAICS Major Group 1152xx, and NAICS 325315 (composting facilities) as part of their ongoing inspection program identified in S5.C.8. If the Permittee determines, through inspections or otherwise, that a facility has failed to adequately implement BMPs to prevent bacteria source potential, the Permittee shall re-inspect the facility at least once more during the permit term to verify compliance, and/or initiate enforcement action.

Public Education and Outreach: Each Permittee shall include public education and outreach activities that increase awareness of bacterial pollution problems and promote proper pet waste management as a BMP under General Awareness.

Operations and Maintenance: Each Permittee shall maintain Pet Waste collection stations at Permittee owned or operated lands that are reasonably expected to have domestic animal (dog and horse) use and the potential for pollution to stormwater.

Illicit Connection/ Illicit Discharge Detection and Elimination:

When conducting IDDE field screening during normal course of business (as required by S5.C.5.d for Phase II Permittees, and IC/IDDE as required by S5.C.9.c for Phase I Permittees) in a TMDL area, Permittees are shall screen for bacteria sources when at the drainage circuit's most downstream sampling location. For the purposes of IC/IDDE, stormwater quality sampling is defined as obtaining grab samples of stormwater within the conveyance system of the MS4, at discharge points, and/or outfalls (if there is flow) at each drainage circuit's most downstream accessible sampling location. Permittees shall follow their adopted IDDE procedures to conduct source tracing efforts if bacteria levels and/or observations trigger a response (see IDDE guidance manual for bacteria trigger levels).

Qualitative and quantitative information about the source identification and elimination activities, including procedures followed, sampling locations, and results shall be annually documented in TMDL reporting as required in the Permittees' Annual Report.

CITY OF BREMERTON

Actions Required

Business Inspections:

The Permittee shall inspect facilities with SIC Industry Group no. 074, 075, including NAICS Major Group 1152xx, and NAICS 325315 (composting facilities) as part of their ongoing inspection program identified in S5.C.8. If the Permittee determines, through inspections or otherwise, that a facility has failed to adequately implement BMPs to prevent bacteria source potential, the Permittee shall re-inspect the facility at least once more during the permit term to verify compliance, and/or initiate enforcement action.

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CITY OF PORT ORCHARD

Actions Required

Business Inspections:

The Permittee shall inspect facilities with SIC Industry Group no. 074, 075, including NAICS Major Group 1152xx, and NAICS 325315 (composting facilities) as part of their ongoing inspection program identified in S5.C.8. If the Permittee determines, through inspections or otherwise, that a facility has failed to adequately implement BMPs to prevent bacteria source potential, the Permittee shall re-inspect the facility at least once more during the permit term to verify compliance, and/or initiate enforcement action.

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Qualitative and quantitative information about the source identification and elimination activities, including procedures followed, sampling locations, and results shall be annually documented in TMDL reporting as required in the Permittees' Annual Report.

KITSAP COUNTY

Actions Required

Business Inspections:

The Permittee shall inspect facilities with SIC Industry Group no. 074, 075, including NAICS Major Group 1152xx, and NAICS 325315 (composting facilities) as part of their ongoing inspection program identified in S5.C.8. If the Permittee determines, through inspections or otherwise, that a facility has failed to adequately implement BMPs to prevent bacteria source potential, the Permittee shall re-inspect the facility at least once more during the permit term to verify compliance, and/or initiate enforcement action.

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Qualitative and quantitative information about the source identification and elimination activities, including procedures followed, sampling locations, and results shall be annually documented in TMDL reporting as required in the Permittees' Annual Report.

Name of TMDL	WRIA 22 - GRAYS HARBOR/CHEHALIS WATERSHED FECAL COLIFORM BACTERIA TOTAL MAXIMUM DAILY LOAD
Document(s) for TMDL	<i>Grays Harbor/Chehalis Watershed Fecal Coliform Bacteria Total Maximum Daily Load Submittal Report</i> , December 2001, Ecology Publication No. 01-10-025. https://fortress.wa.gov/ecy/publications/documents/0110025.pdf <i>Quality Assurance Project Plan: Grays Harbor Fecal Coliform Bacteria Monitoring to Characterize Water Quality in Urban Stormwater Drains</i> , October 2010, Ecology Publication No. 10-10-066. https://fortress.wa.gov/ecy/publications/documents/1010066.pdf
Location of Original 303(d) Listings	Outer Grays Harbor (WA-22-0020), Inner Grays Harbor (WA-22-030), Inner Grays Harbor (WA-22-0030), Chehalis River (WA-22-4040)
Area Where TMDL Requirements Apply	Requirements apply in all areas regulated under the Permittee’s municipal stormwater permit and discharging to water bodies listed within the specific requirement in this TMDL section.
Parameter	Fecal Coliform
EPA Approval Date	December 2002
MS4 Permittee	Phase II Permit: Aberdeen

CITY OF ABERDEEN

Actions Required

1. Implement the schedules and activities identified in S5.C.2 of the Western Washington Phase II Permit. Continue to implement the Public Education and Outreach and Involvement Plan (Plan). The Plan shall target the reduction of fecal coliform pollution by increasing public awareness, effecting behavior changes and shall include: goals, target audiences, messages, format, distribution, and evaluation methods.
 - a. The Plan shall include at least the following elements:
 - i. Target the residents of the three high priority water bodies identified under the 2024-2029 Permit.

- ii. Reach households in targeted watersheds through mailings, door hangers, or similar outreach tools.
 - iii. Reach 4-6th grade students.
 - b. Continue program which notifies residents, in a timely manner, when bacteria pollution that poses a public health concern (such as a wastewater overflow) reaches the MS4.
 - c. Conduct two public education surveys gauging 4-6th grade student knowledge of general stormwater knowledge, the sources of bacteria and preventing bacteria pollution. One survey should measure resident's knowledge of bacteria pollution before outreach and the other should measure knowledge and likelihood of action after outreach.
 - d. Continue to implement the City's stream team program and work cooperatively with Grays Harbor Stream Team.
 - e. Maintain pet waste bag dispenser units and explanatory signs in public areas with dog usage.
 - f. Maintain an inventory of sources that have potential for bacteria runoff such as manure-composting facilities, stables, and kennels.
 - i. Continue to use the City's targeted manure management educational plan for such facility owners. Send one letter annually that outlines compliance requirements. Maintain a resource webpage on the City's website. Submit a summary of actions completed with each annual report.
2. Designate areas discharging to the MS4 urban drains identified in the TMDL, as the highest priority areas for illicit discharge detection and elimination routine field screening efforts and implement the schedules and activities identified in S5.C.5 of the Western Washington Phase II Permit. Field screening and source tracing methodology (see S5.C.5.d) must be consistent with the *Quality Assurance Project Plan: Grays Harbor Fecal Coliform Bacteria Monitoring to Characterize Water Quality in Urban Stormwater Drains*, October 2010.
- a. Enforce the City's regulatory mechanism to control pet waste.
 - b. Designate areas discharging via MS4 to the following discharge points: 501-ABDN, 510-MST, and 514-MST as high priority areas for illicit discharge detection and elimination efforts.
 - i. Complete field screening and implement the schedules and priority area for illicit discharge detection and elimination field screening identified in S5.C.5 of the Western Washington Phase II Permit. Investigation must include activities for both the dry season (May through October) and the wet season (November through April).

- ii. Conduct twice monthly wet weather sampling of the discharge points 501-ABDN, 510-MST, and 514-MST to determine if specific discharges from Aberdeen’s MS4 exceed the water quality criteria for fecal coliform bacteria.
 - Data shall be collected for two wet seasons.
 - Data shall be collected in accordance with an Ecology-approved QAPP.
 - Samples must be analyzed using an Ecology accredited lab.
 - If sampling results indicate potential illicit discharges, conduct an investigation in accordance with S5.C.5 – *Illicit Discharge Detection and Elimination* of the Western Washington Phase II Permit.
 - Data shall be submitted to Ecology in an approved format with the annual reports.