

**From:** [Larson-Pugh, Laurie J](#)  
**To:** [Larson-Pugh, Laurie J](#)  
**Subject:** April 21, 2022 Municipal Permittee Bulletin: Inquiries, Resources, and News  
**Date:** Thursday, April 21, 2022 8:09:38 PM  
**Attachments:** [Adopt a Drain Presentation.pdf](#)  
[Pierce County MS4 Receiving Waters Mapping Project.docx](#)  
[SUF Critical Analysis Summary Report FINAL 09.30.2021.pdf](#)  
[2020-2 GrierPooleSMQ.pdf](#)  
[2017 Agenda with You-Tube Links .docx](#)  
[Process and Persuasion Training Manual.pdf](#)

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Good morning Municipal Stormwater Permittees,

This bi-weekly Municipal Stormwater Bulletin contains information to be shared, including a request for information from permittees, updates on workshops/training, and news. There is a lot of useful information and attachments please share with others who could use the information.

## NEWS

### **Municipal SW TALKS is back!**

Featuring permit compliance and research work around the state.

\*If you have a topic you would like to share please contact Laurie Larson-Pugh to schedule.

- **MS4 Receiving Water Mapping** | Tim Hagan, Patrick Shins, and Austin Jennings, Pierce County

**April 27, 2022, Noon-1:00 pm** (for more detail read the attachment Pierce County MS4 Receiving Waters Mapping)

Our presentation will introduce the origins of the Urban Stormwater Catchment (USC) delineation process from the Lake Tahoe TMDL. We will illustrate how USCs improve the spatial understanding of stormwater routing created by the evolution of the built environment over time. We will discuss the drainage realities associated with ongoing development and urbanization; and how USCs have a more practical utility for watershed planning and the implementation of TMDL pollutant reduction programs.

Meeting information: Join from PC, Mac, Linux, iOS, or Android:

<https://wsu.zoom.us/j/92343099475?pwd=QStyNHQrWGs5Y1JydEpVvXovSFpXQT09>

Meeting ID: 923 4309 9475

Passcode: 330644

- **Managing Stormwater with Drones** | Zack Holt, Port Orchard, Brian Morgenroth, Walla Walla

**May 25, 2022, Noon-1:00 pm** Featuring Eastern and Western Washington jurisdiction's drone programs. Team meeting link: [https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_ZDJmMjEyY2MtNjE0Yy00NDE4LTJjYtctMTY2ZTMxNzBiMjYx%40thread.v2/0?context=%7b%22Tid%22%3a%22b52be471-f7f1-47b4-a879-0c799bb53db5%22%2c%22Oid%22%3a%224794e0fc-9b19-4064-967f-e7a97f709c2e%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDJmMjEyY2MtNjE0Yy00NDE4LTJjYtctMTY2ZTMxNzBiMjYx%40thread.v2/0?context=%7b%22Tid%22%3a%22b52be471-f7f1-47b4-a879-0c799bb53db5%22%2c%22Oid%22%3a%224794e0fc-9b19-4064-967f-e7a97f709c2e%22%7d)

### **Department of Commerce News!**

Commerce has a new agency-wide tribal liaison and will soon be hiring a new tribal planner for the Growth Management Services Division.

The new planner position within Growth Management Services will help implement HB 1717.

This bill creates a framework for tribal participation in the growth management planning

process. Tribes and local governments enter into a memorandum of agreement for collaboration and participation in the county or regional planning process. The bill also creates a role for Commerce to facilitate the resolution of any disputes between Tribes and local governments over planning issues. Upon request, Commerce will provide a Tribe with notices of proposed comprehensive plans or amendments to comprehensive plans provided by a city or county to Commerce.

Essentially HB 1717 requires i) counties and cities to engage with tribes at beginning of their planning work, ii) Commerce to help with and mediate any disputes (paid for by Commerce), and iii) Commerce will help with integrating tribes into the planning process.

Commerce will be providing tribes access to our planning review platform which provides agencies (and soon tribes!) with access to local proposed actions and assists with their review. We also recommend tribes (and other agencies) review our principles of correspondence (see attached) as well as watch our online trainings (links in word attachment) on how to participate and comment on local land planning activities. Contact: Charlene Anadrade

**Adopt-a-Drain (AAD) is looking for more partners!** Washington's AAD program has been up and running since October of 2021. Together, with the help of a vendor, our 8 cities have already signed up 576 'adopters' who have adopted over 1,000 drains! AAD provides a cost-effective way to meet various NPDES requirements (behavior change, stewardship) and it can be implemented by jurisdictions of any size. If you are interested in learning more about AAD, check out our webpage <https://wa.adopt-a-drain.org/> or reach out to Halley Kimball ([Halley.kimball@maplevalleywa.gov](mailto:Halley.kimball@maplevalleywa.gov)) or Anne Dettelbach ([adettelbach@redmond.gov](mailto:adettelbach@redmond.gov)) ("onboarding team"). (see attachment Adopt a Drain Presentation)

### **Interstate 5 Ship Canal Bridge Stormwater Project**

**Lake union project video** [Clean Water Under the Bridge - YouTube](#) Learn about PSRC's work to incentivize stormwater treatment in the Building Green Cities guide <https://www.psrc.org/data-and-resources/building-green-cities>

**Clean Rivers Coalition Follow the Water website** <https://followthewater.info/about/>

**If you have a moment, please follow the social media pages found on the Follow the Water webpage to help get things started. We need some initial followers to get the ball rolling! We will be building content over the next several weeks to prepare for the full launch to the public in May.**

### **Tulalip Tribe Climate Change Adaptation Plan (PSRC)**

The Tulalip Tribes have developed an approach to deal with climate change and its impacts. The Climate Change Adaptation Plan established a coalition of Tribal departments to work together to implement policies and procedures to strengthen the community and build resistance to the effects of climate change. Learn more

<https://nr.tulaliptribes.com/Topics/ClimateChange/ClimateChangeAdaptation>

## **NEWS LEGISLATIVE UPDATE**

### **2022 Puget Sound Day on the Hill Livestream Event**

**Date: May 11 Time: 2:00-3:00 Pacific Location: Zoom Webinar**

**Registration:** [Webinar Registration - Zoom](#)

**PEER TO PEER PERMITTEE REQUEST FOR INFORMATION** If you have any information to share for the permittee's requests below, please reach out!

**MuniCon 2023 We need your input!**

**Please complete the three-question survey to determine if MuniCon 2023 is in-person or virtual**

Survey link: [https://wsu.co1.qualtrics.com/jfe/form/SV\\_0PM57ZFko2nSL7U](https://wsu.co1.qualtrics.com/jfe/form/SV_0PM57ZFko2nSL7U)

### **Ecology SAM Effectiveness Study FP7**

#### ***Stormwater BMPs Maintenance Conditions Evaluation***

The City of Bellevue along with Aspect Consulting is kicking off the Stormwater BMPs Maintenance Conditions Evaluation, Ecology SAM Effectiveness Study FP7. We are looking for interested parties to serve on the TAC for this work. If you have an interest in participating please contact Don McQuilliams, [dmcquilliams@bellevuewa.gov](mailto:dmcquilliams@bellevuewa.gov) or by phone at 425-452-7865.

In particular, we are **looking for TAC members** that are involved in O&M activities and can speak to maintenance of Vaults, Tanks, Ponds and Trenches. Ideally, the TAC will have a composition of maintenance managers and field staff, both in Phase I and Phase II jurisdictions. Five TAC meetings are identified within the scope of work for this effort.

#### **Project Purpose and Goals**

This purpose of this project is to evaluate the maintenance thresholds, or conditions, for selected stormwater best management practices (BMPs) in the 2019 Stormwater Management Manual for Western Washington (SWMMWW). The stormwater BMPs selected are noted in the SAM Study Priority Topic 7 related to Operations and Maintenance (O&M) of BMPs, this study addresses ponds, vaults, trenches, and tanks. The BMP maintenance conditions of interest are from the "Runoff Treatment, Flow Control, and LID BMP Library" [Appendix V-A: BMP Maintenance Tables](#) of Volume V of the SWMMWW. The BMP Maintenance Tables is comprised of several tables by BMP general category with descriptions of "*conditions when maintenance is needed.*" The emphasis of the Tables is on identifying conditions that require maintenance, and permittees have the leeway to prioritize BMP maintenance activities and are not required to complete all maintenance needs identified for all BMPs.

The goal of the project is to provide information in a white paper for how Municipal NPDES permittees may be able to adjust BMP maintenance efforts for better overall environmental outcomes, especially water quality to meet permit requirements. The information may also be considered by Ecology for updating the BMP Maintenance Tables. In addition, recommendations will be provided for additional studies to address the other O&M Priorities related to habitat associated

**City of Sequim is searching for examples of how jurisdictions ensure that stormwater facility maintenance information is passed to a new owner.** Code citations welcome, or educational materials. Contact Ann Soule [asoule@sequimwa.gov](mailto:asoule@sequimwa.gov)

**REGIONAL PERMIT COORDINATOR MEETINGS:** For information on Regional Stormwater Coordinator Groups visit: <https://www.wastormwatercenter.org/permit-assistance/municipal/877-2/>

**APWA**

May 20, 2022, 9:00am-12:00pm

**Central NPDES Permit Coordinators Forum**

April 21, 2022, 1:00-3:30pm

**ROAD Map (Regional Operations and Maintenance Program)**

July 14, 2022, 1:00-3:30pm

**South Sound Phase II Coordinator's Group**

July 21, 2022, 9:00-11:00am

**Business Inspection Group (BIG)**

June 21, 2022, 1:30-3:30pm

**Stormwater Outreach for Regional Municipalities (STORM)**

**For more information contact: Katheryn Straus, STORM Coordinator**

**[Katherine.Straus@seattle.gov](mailto:Katherine.Straus@seattle.gov)**

- **STORM Quarterly is May 12th: Register [STormwater Outreach for Regional Municipalities \(STORM\) Events | Eventbrite](#)**
- **EcoNet Symposium is happening the afternoon of June 9th . The focus is going to be on the connection between social marketing and anti-racism work. Registration and more details coming out soon**
- **STORM's Onboarding Subcommittee is holding their first Onboarding Session on May 5th from 1pm – 2pm. This is designed for new STORM members, or existing STORM members who may want a little refresher on what STORM is and how we support municipal stormwater permittees meeting their E&O requirements. Email Laurie Devereaux (Bellevue) or Paige Morris (Burien) to sign up.**
- **Salish Sea Ecosystem Conference is next week. STORM has a pre-recorded “snapshot” presentation called “Talk Plain to Me: Using Plain Language to Build Trust and Reach a Wider Audience. If you're not attending the conference, you can watch the 7 minute presentation on STORM's YouTube Channel [Talk Plain to Me: Using Plain Language to Build Trust and Reach a Wider Audience - YouTube](#)**

**RESOURCES:**

**Use of Stormwater Utility Fees In Puget Sound: Summary of Implications for Implementation Strategies**

Puget Sound Institute University of Washington. This report is one of five deliverables provided for a stormwater utility fee (SUF) critical analysis that Puget Sound Institute conducted in support of the Freshwater Quality/Benthic Index of Biotic Integrity (B-IB) Implementation Strategy. **See attachment SUF critical Analysis Summary Report.**

**Equity Guide for Green Stormwater Infrastructure Practitioners**

The Green Infrastructure Leadership Exchange and Greenprint Partners led a collaborative process to develop a comprehensive resource for public sector stormwater management organizations to advance and measure equity in their green stormwater infrastructure policies, programs, and projects.

Equity Guide for Green Stormwater Infrastructure Practitioners [Equity Guide | Green Infrastructure Leadership Exchange \(giexchange.org\)](#). Introductory video [Equity Guide for GSI Practitioners on Vimeo](#)

Equity Guide Partner ToolKit [Copy of Equity Guide Partner Launch Toolkit - Google Docs](#)

**WSC new webpage: Features the latest stormwater research and news: 6PPD webpage**

<https://www.wastormwatercenter.org/>

**PSRC New Economic Development Element Guide**

<https://www.psrc.org/vision-2050-planning-resources>

**Water Infrastructure Finance and Innovation ACT (WIFIA)**

**WASHINGTON (March 24, 2022)** – The U.S. Environmental Protection Agency (EPA) released the 2021 Water Infrastructure Finance and Innovation Act (WIFIA) Annual Report. The report highlights the program's 2021 investments in water infrastructure to protect public health and the environment, create good-paying jobs, and save communities money over alternative financing options. For more information

<https://www.epa.gov/wifia>

**Go Walla Walla Project page it connects the public to current projects and contacts for each project. More information**

<https://walla-walla.maps.arcgis.com/apps/Shortlist/index.html?appid=97dc491e2448417692878af83ef95bcb>

**WORKSHOP/TRAINING/CONFERENCE OPPORTUNITIES:** \*These dates are subject to change depending upon COVID-19 containment measures.

**Construction Pollution Prevention Free Webinars**

The Washington Stormwater Center and the City of Vancouver invite contractors and engineers/designers to a series of 4 webinars that provide guidance in preventing pollutant discharge during construction. To registrar:

<https://www.wastormwatercenter.org/construction-permit-assistance/construction-pollution-webinars/>

**How to Design and Keep Your Construction Project in Compliance April 26, 2022, 12-1 PM**

**WSC Municipal Stormwater Talks 2022 at Noon**

**April 27 MS4 Receiving Water Mapping** Tim Hagan, Patrick Shins and Austin Jennings, Pierce County

**May 25 Managing Stormwater with Drones Zack Holt, Port Orchard, & Brian Morgenroth, Walla Walla**

Contact Laurie for more information

**Energy & Climate Change Conference May 5, 2022 Portland, OR in-person and online**

More information: <https://elecenter.com/conferences/energy-climate-change-2022/>

**Field Data Collection and Management Using ArcGIS 2 day class May 2\*3, 2022 8:30-5:00 PDT \$1,640**

Enroll [Field Data Collection and Management Using ArcGIS | Esri Training Instructor-Led Course](#)

**Social Marketing Conference University of South Florida May 25-28, 2022**

Registration - [USF Social Marketing Conference \(thesocialmarketingconference.org\)](https://thesocialmarketingconference.org)

**Comprehensive Plan Workshop Series Passport to 2044 June 15, 2022 9:30-12:00 online zoom**  
Contact Maggie Moore at [mmoore@psrc.org](mailto:mmoore@psrc.org)

**Fostering Sustainable and Healthy Behavior Workshop June 20, 21 and 22 Fee based**  
Dr. Doug McKenzie-Mohr will be delivering an introductory community-based social marketing training virtually. This workshop will be of particular interest to agencies working to promote waste reduction, energy and water efficiency, conservation, sustainable food consumption, the control of invasive species, modal transportation changes and other sustainable actions. Register at <https://cbsm.com/workshops/na-virtual-june-2022>

**Water Environment Federation Stormwater Summit June 27-29, 2022 Minneapolis, Minnesota**  
[Stormwater Summit 2022 Registration: Member Lookup \(showproevent.com\)](#)

**Washington Litter Summit** July 19, 2022, 12:00-3:00pm & July 20, 9am-12pm Free  
Waste and litter issues are detrimental to human and environmental health (including water quality), wildlife, the economy, and are a huge concern for residents. Several state, local and nonprofit organizations are planning a statewide summit to highlight and discuss policy, funding, behavior change, communications, innovative programs and other strategies to address this growing issue. This event will also be an opportunity to develop partnerships and future actions. Register at: [Washington Litter Summit \(bpt.me\)](#)

**CWT Training Academy offers in-person, virtual and on-demand certification, training and workshops. Courses include: CESCL certification/recertification, certified industrial stormwater manager, and other courses. For more information visit**  
<https://www.cwtacademy.com/pages/new-home>

**Low Impact Development (LID) Done Right online Fee: \$158**  
This course discusses four different types of LID (bioretention, permeable pavement, green roofs, and impervious runoff dispersion). Registration [https://stormwateruniv.com/courses/low-impact-development-lid-done-right/?oly\\_enc\\_id=3882C2351667D0X#learndash-course-content](https://stormwateruniv.com/courses/low-impact-development-lid-done-right/?oly_enc_id=3882C2351667D0X#learndash-course-content)

**Stormwater University Keys to successful Erosion Control \$79.00**  
Erosion control how-to with erosion control guru Jay Selby (President, SSEC)! Topics include understanding your soil, soil preparation, proper mulch applications, and Hydraulic vs. Rolled Erosion applications. Enroll [https://stormwateruniv.com/courses/keys-to-successful-erosion-control/?oly\\_enc\\_id=3882C2351667D0X](https://stormwateruniv.com/courses/keys-to-successful-erosion-control/?oly_enc_id=3882C2351667D0X)

**Stormwater University Hydrogeology 101 Groundwater Analysis, Techniques, and Applications Part 1 & 2 Videos \$149.00** Enroll [https://stormwateruniv.com/courses/hydrogeology-101-groundwater-analysis-techniques-and-applications/?oly\\_enc\\_id=3882C2351667D0X](https://stormwateruniv.com/courses/hydrogeology-101-groundwater-analysis-techniques-and-applications/?oly_enc_id=3882C2351667D0X)

**Stormwater University LID Done Right On-Demand Course Fee: \$158.00**  
LID (Low Impact Development) can be an effective solution to stormwater management problems. Rather than using one large stormwater control facility to do everything, LID promotes the idea of using small, dispersed stormwater control features and practices to prevent any

issues from arising.

More information and registration: [https://stormwateruniv.com/courses/low-impact-development-lid-done-right/?oly\\_enc\\_id=3882C2351667D0X#learndash-course-content](https://stormwateruniv.com/courses/low-impact-development-lid-done-right/?oly_enc_id=3882C2351667D0X#learndash-course-content)

**JOB OPPORTUNITIES:** please share with anyone who may be interested in listed below:

**Snohomish County Surface Water Management** has an exciting opportunity for an Engineer II. <https://www.governmentjobs.com/careers/snohomish/jobs/3438535/engineer-ii-surface-water-management?sort=PostingDate%7CDescending&pagetype=jobOpportunitiesJobs>

**City of Lacey Engineering Technician III - Water Resources/Stormwater**

The Engineering Technician III performs advanced technical and sub-professional engineering work in the office and field. Duties will vary depending on the assigned section. To view the full posting and/or apply, please visit: [Engineering Technician III - Water Resources/Stormwater \(2021 Salary\) | Job Details tab | Career Pages \(governmentjobs.com\)](#)

**Pierce County is hiring two Senior Planner (Planner 3) positions, including a Water Quality Senior Planner and a Floodplain Senior Planner!** View Positions at:

<https://www.governmentjobs.com/careers/piercecountywa/jobs/3421954/senior-planner-planner-3?page=8&pagetype=jobOpportunitiesJobs%2CjobOpportunitiesJobs%2CjobOpportunitiesJobs>

**Long Range Planning Division:**

**Senior Planner-** This position will serve as the subject matter expert for assigned planning projects and programs, including but not limited to the required periodic update to the Pierce County [Comprehensive Plan](#) and the [2023 Comprehensive Plan Amendment](#) cycle. With these projects you will be exposed to a wide range of urban, resource, and rural topics where you will be able to expand your knowledge and application of planning principles and techniques. You will be responsible for reviewing and monitoring various programs, projects and applications to ensure compliance with various codes, plans, contracts, agency policies and procedures, and rules and regulations.

**Sewer Utilities Division:**

**ARPA Grant Senior Planner (Limited Duration)-** This project-based position will work on program development and administration of grants (collaborate with key parties, interpret internal guidelines, monitor milestone objectives, and similar) related to the following programs: [ARPA Utility Infrastructure Partnership Program \(Download PDF reader\)](#), [Sewer Programs and Financing](#) and Broadband Grant Program Management and Support.

**The Department of Ecology Water Quality Program is looking to fill a Technical Services Unit Supervisor (WMS Band 1) position.** This position is located in our Headquarters Office in Lacey, WA, and you will have the ability to telework the majority of your typical work week.

In this position, you will build and apply strong leadership and team-building skills, supervising and supporting the Water Quality Program's Technical Services Unit. This 9-person team delivers statewide technical services to construction and industrial stormwater permittees, consultants, wastewater operators, and other water quality stakeholders.

<https://www.governmentjobs.com/careers/washington/jobs/3393444/water-quality-technical-services-unit-supervisor-wms-band-1>

The [Water Quality Program](#) is looking to hire a **Senior Stormwater Engineer**. This position is

located in our Headquarters Office in [Lacey, WA](#)

<https://www.governmentjobs.com/careers/washington/jobs/3381946/senior-stormwater-facilities-engineer-environmental-engineer-5>

**The Water Quality Program within the Department of Ecology is looking to fill a Senior Water Quality Inspector (Environmental Specialist 5) position.** This position is located in our Northwest Regional Office (NWRO) in Shoreline, WA. You will have the opportunity to telework the majority of your time, and should live within a commutable distance to our Shoreline office for in-person meetings, activities, and Seattle for field work.

This position is our program's expert in industrial stormwater permit implementation and enforcement in the Duwamish River watershed, with an emphasis on industrial facilities and contaminated properties. In this position, you will have the opportunity to make a difference by helping to reduce toxics through stormwater management alongside environmental justice initiatives. <https://www.governmentjobs.com/careers/washington/jobs/3323892/senior-water-quality-inspector-environmental-specialist-5>

**The Water Quality Program within the Department of Ecology is looking to fill a Municipal Stormwater Senior Planner (Environmental Planner 4) position.** This position is located in our Headquarters Office in Lacey, WA or at our Northwest Regional Office in Shoreline, WA. [State of Washington Job Opportunities | Work that Matters \(governmentjobs.com\)](#)

**Department of Ecology Senior Construction Stormwater Inspector & Team Lead (Environmental Specialist 4)** This position is located in our Vancouver Field Office (VFO) in Vancouver, WA, and is eligible for a telework/in-office hybrid schedule. You will have the opportunity to telework during the week, and should live within a commutable distance to our Vancouver office for in-person meetings, activities, and frequent field work. This Team Lead position will take you outdoors to inspect construction projects to ensure permit requirements are being met to protect water quality while assisting team efforts region-wide. Job announcement

<https://www.governmentjobs.com/careers/washington/jobs/3411944/senior-construction-stormwater-inspector-team-lead-environmental-specialist-4>

**Department of Ecology Regional Water Quality Specialist (Environmental Specialist 4)**

This position is located in our Central Regional Office (CRO) in Union Gap, WA. In this role, you will travel and conduct water quality sampling every month in Ecology's South Central Region as part of the long-term ambient monitoring program. The position gets to see a lot of places in South Central Washington while gaining valuable experience in water quality sampling, quality assurance, and quality control, data entry and management, effective communication, and interaction with the public. The future outlook for this position is promising since it usually leads to better career advancement opportunities. For a full job description and to apply, follow this link:

[https://www.governmentjobs.com/careers/washington/jobs/3278224/regional-water-quality-specialist-environmental-specialist-4?department\[0\]=Dept.%20of%20Ecology&sort=PostingDate%7CDescending&pagetype=jobOpportunitiesJobs](https://www.governmentjobs.com/careers/washington/jobs/3278224/regional-water-quality-specialist-environmental-specialist-4?department[0]=Dept.%20of%20Ecology&sort=PostingDate%7CDescending&pagetype=jobOpportunitiesJobs)

**The Water Quality Program within the Department of Ecology is looking to fill a FERC Compliance**

**Coordinator/Construction Stormwater Permit Manager (Environmental Specialist 4) position.** This position is located in our Southwest Regional Office in Lacey, WA.

<https://www.governmentjobs.com/careers/washington/jobs/3318307/ferc-compliance-coordinator-construction-stormwater-permit-manager-environmental>

***Laurie Larson-Pugh***

Municipal Program & MuniCon 2023 Manager

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253-445-4593 office 360-271-8032 cell

<https://www.wastormwatercenter.org/permit-assistance/municipal/>