

Good morning Municipal Stormwater Permittees, by Laurie Larson

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

NEWS

MuniCon 2021 presentation recordings are now available!

The Washington Stormwater Center's (WSC) signature Washington State Municipal Stormwater Conference (MuniCon) features 11 Tracks with 69 presentations on municipal permittee topics such as: Education & Outreach, Stormwater Planning/SMAP, Environmental Justice, IDDE/Source Control, Operations & Maintenance, Green stormwater Infrastructure and more. Conference contact: laurie.larson-pugh@wsu.edu

Recordings are on the WSC Stormwater YouTube Channel:

<https://www.youtube.com/channel/UCuVzz3DSGC7N0cA6cl0E99g>

MuniCon Program and conference webpage link:

<https://www.wastormwatercenter.org/permit-assistance/municipal/municon2021/>

Ecology published guidance on using new high performance bioretention soil mixes, in May 2021. <https://apps.ecology.wa.gov/publications/documents/2110023.pdf> a new guidance

document that gives stormwater managers and designers a new option to treat phosphorus using bioretention, a very common green infrastructure tool. This guidance provides the specifications for the new high performance Bioretention Soil Mix (HPBSM) and the suggested uses in municipal stormwater NPDES permit programs. Ecology's webpage on the manuals

<https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Stormwater-permittee-guidance-resources/Stormwater-manuals> contains this same link to the new

guidance. Within the stormwater manuals, this guidance is available under "Additional Resources" > "Emerging Guidance". The following links are directly to this guidance in the stormwater management manual for eastern Washington

<https://fortress.wa.gov/ecy/ezshare/wq/Permits/Flare/2019SWMMEW/2019SWMMEW.htm#Topics/AdditionalResources/EmergingGuidance.htm> & stormwater management manual for

western Washington

<https://fortress.wa.gov/ecy/ezshare/wq/Permits/Flare/2019SWMMWW/2019SWMMWW.htm#Topics/EmergingGuidance.htm>.

Bioretention facilities built using this new high performance bioretention soil mix (HPBSM) will achieve phosphorus treatment. This may be especially useful in locations when downstream surface waters are sensitive to phosphorus inputs. Ecology has not changed any guidance on bioretention design or modelling, and there are no changes to the default bioretention soil mix (60% sand: 40% compost).

Ecology anticipates incorporating the new HPBSM and any new information from studies on bioretention when we next update the stormwater manuals. Current research is underway through Ecology grants and the Stormwater Action Monitoring program. These studies include full scale HPBSM performance, longevity of bioretention default mix to provide treatment, and treatment of other stormwater pollutants.

For questions contact: Douglas Howie, PE Department of Ecology douglas.howie@ecy.wa.gov

City of Tacoma (City) updated its Stormwater Management Manual (SWMM) as required by our NPDES Stormwater Permit.

The SWMM is effective on July 1, 2021 and shall apply to:

- All complete applications submitted on or after July 1, 2021
- All complete applications submitted prior to November 24, 2015 that have not started construction by July 1, 2021. **Even if a construction permit has been approved or issued.**

The City is hosting training sessions on How to Successfully Complete a Stormwater Site Plan. The Stormwater Site Plan is a report and associated drawings that outline required stormwater mitigation. Visit www.cityoftacoma.org/stormwatermanual to view the July 2021 City of Tacoma SWMM and sign up for upcoming trainings. Trainings are scheduled for June 2021.

June is Orca Month

Washington Environmental Council is celebrating Orca month in the Pacific Northwest.

Visit the Orca Month website and Facebook page for events and activities. Virtual and in-person events require advanced registration. Also be sure to follow us on Instagram for engaging orca posts and daily actions you can take that support orca recovery.

Check out the events planned for this month — including a We Are Puget Sound webinar and Seattle kayak tours with our very own Washington Environmental Council staff every Saturday in June!

Check out the events: <https://www.orcamonth.com/events-1>

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

STORM (Stormwater Outreach for Regional Municipalities) **is requesting your support by June 11, 2021.**

The coalition are Puget Sound Municipal Stormwater Permittees that have worked together since 2008 to meet NPDES education and outreach permit requirements and develop effective stormwater awareness campaigns and behavior change programs.

If you support this funding proposal, we ask that you submit a letter of support (details below). We are on a tight timeline so your ability to secure support quickly is essential.

- If you support this funding proposal, we ask that you submit a letter of support (details below). This funding strategy could produce funds for STORM as soon as this biennium if we are able to act quickly. Letters of support are requested ASAP, no later than June 11th to help move this effort forward.
- Questions and comments can be sent to Christie Lovelace, clovelace@shorelinewa.gov

Western WA Jurisdiction is looking for information on contracting for catch basin cleaning and inspection contracting examples and costs for services. If you have information to share with this jurisdiction contact laurie.larson-pugh@wsu.edu.

Call for Central NPDES Coordinators Forum Co-coordinators for Aug. 2021- July 2022

The Central Coordinator's Group is requesting nominations and volunteers for both co-coordinator positions to be voted on during the upcoming June 17th meeting. Rachel Konrady and Leah Mikulsky will be stepping down from the co-coordinator roles after the June 17th meeting.

This is an excellent opportunity for networking and to expand your knowledge on stormwater and permit-related topics. Co-coordinators will work with Laurie Larson-Pugh to develop meeting content, plan and host bi-monthly meetings, and coordinate with regional groups and stormwater professionals. The commitment is for a one-year term. Meetings will continue virtually for the remainder of 2021 and into 2022 to be conscientious of our attendees' time.

We are happy to accept any meeting feedback to continue to provide relevant topics and effective meetings to permit coordinators. It has been a pleasure to be your Central co-coordinators over this past year!

REGIONAL PERMIT COORDINATOR MEETINGS: Contact Laurie Larson for meeting information. For more information on the Regional Stormwater Coordinator Groups visit: <https://www.wastormwatercenter.org/permit-assistance/municipal/877-2/>

Central NPDES Permit Coordinators Forum

June 17, 2021 1-3:30

ROAD Map (Regional Operations and Maintenance Program)

June 16, 2021 1:00-3:30pm

South Sound Phase II Coordinator's Group

July 15, 2021 9:00-11:00am

Business Inspection Group (BIG)

Cancelled June 15, 2021 Next meeting is Aug. 17, 2021 1:30-3:30pm

RESOURCES:

FEMA Hazard Mitigation grants which could be very useful for climate, stormwater, resiliency and other training- It also fits well with our plans for more land and stormwater integration.... Why don't you pass on in your next batch of goodies? Have a good weekend!

<https://www.nature.org/content/dam/tnc/nature/en/documents/Promoting-Nature-Based-Hazard-Mitigation-Through-FEMA-Mitigation-Grants-05-10-2021-LR.pdf>

Aligning Across Watersheds: A Regional Stormwater Summit! King county

You can find the presentation decks and materials from each session in the folders below. Something else you're looking for? Reach out to John Brosnan at jbrosnan@kingcounty.gov

Day one presentations

<https://drive.google.com/drive/folders/1uOZ82MQ0R0fVm8YzSsK5UwV6EX9tF00C>

Day two presentations https://drive.google.com/drive/folders/15IANybg219MSjx0q9C9k_Cp-LSVDCqy4

King County's Stormwater Investment Plan process, stormwater practitioners from up and down the west coast were invited to share their stories about how they engaged with their communities to

manage stormwater. Members of the Rain City Strategy team, from Vancouver British Columbia, shared their insights and lessons learned, as did Matt Frary with Los Angeles Public Works, who helped to pass and enact Measure W.

Rain Strategy Team Vancouver British Columbia <https://vancouver.ca/home-property-development/green-infrastructure-documents-and-policies.aspx>

Los Angeles Public Works <https://safecleanwaterla.org/central-la-county/>

These presentations were recorded and can be viewed via these links:

Rain City Strategy Vancouver B.C. <https://www.youtube.com/watch?v=7Eg5eCLPF5U>

Measure W Los Angeles https://www.youtube.com/watch?v=MoGsCO_STec

Project Update: Analysis of MS4 Monitoring Data in Maryland: What are the Effects of Restoration on Stream Quality? Article from Center for Watershed Protection

National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Separate Storm Sewer System (MS4) permittees in Maryland have been conducting monitoring for more than 20 years to meet their permit requirements, the most recent of which specifies the use of monitoring to assess the effectiveness of watershed restoration efforts. View article: <https://www.cwp.org/analysis-of-ms4-monitoring-data-in-maryland-what-are-the-effects-of-restoration-on-stream-quality/>

EPA's Trash Free Waters Program is proud to announce the release of the Escaped Trash Assessment Protocol (ETAP)!

ETAP is a quantitative survey tool which provides a standard method for collecting and assessing litter data. This trash monitoring method will provide users with a comprehensive protocol for collecting and sorting mismanaged trash pollution that has escaped into the environment. ETAP is highly adaptable and was designed to be applied to a broad range of site types and environmental conditions. The protocol can also be used to assess item age and level of fouling and compare across categories of collected material. Ultimately, the ETAP tool can be used to inform upstream management decisions.

There are two main parts of ETAP:

1) The ETAP Reference Manual: A step-by-step guide for how to use the protocol, including selecting sites (Step 1), conducting cleanups and categorizations (Step 2), and entering data into the tool for analysis (Step 3). The ETAP Field Site Summary Sheet, Field Data, Field Reference Sheet, and additional supplementary materials are included in the document's appendix.

2) The ETAP Excel Spreadsheet: A data entry tool which can be used in company with the ETAP Reference Manual to record, manage, and analyze data collected in the field using the ETAP methodology. After inputting field data, the tool autogenerates summary statistics and plots.

Download the ETAP Reference Guide and Excel Spreadsheet Tool here: <https://www.epa.gov/trash-free-waters/epas-escaped-trash-assessment-protocol-etap> For any questions and feedback, please contact me at marshall.layne@epa.gov. We see ETAP as a living tool and would appreciate any suggestions on how to improve the protocol in the future.

MRSC Blog: Looking Ahead: Holding "Hybrid" Public Meetings

<https://mrsc.org/Home/Stay-Informed/MRSC-Insight/April-2021/Holding-Hybrid-Public-Meetings.aspx>

U of W Study Synthesizes What Climate Change Means for Northwest Wildfires

Municipal Bulletin June 9, 2021 Municipal Permittee Bulletin: Inquiries, Resources and News

A University of Washington study published in Fire Ecology paints a comprehensive picture of future wildfires in the Northwest. This review was done in response to a survey of stakeholder needs by the Northwest CASC. State, federal, and tribal resource managers need more information on the available science about fire and climate change. Learn more: <https://www.usgs.gov/center-news/study-synthesizes-what-climate-change-means-northwest-wildfires>

Climate Change's Toll on Freshwater Fish: A new Database for Science

BUFFALO, N.Y. — Scientists have created a new database to help track the impacts of climate change on fish living in rivers, lakes and other inland waters throughout the world. Learn more:

<http://www.buffalo.edu/news/releases/2020/04/029.html>

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

Digital Accessibility Workshop Free online workshop open to all city and county employees in the State of Washington. **Registration deadline is June 18th, 2021.**

The University of Washington, City of Seattle, and Northwest ADA Center are thrilled to announce we will be hosting two-days, June 22-23, 2021 of digital accessibility training for city and county employees in the State of Washington. The workshops will address various aspects of digital accessibility, including: legal obligations of Title II, procurement procedures, web application design, and document accessibility. A highlight of this training will include a panel discussion with users who are impacted by improvements in digital accessibility. Registrations:

https://docs.google.com/forms/d/e/1FAIpQLScIsM7Sa6RA14RXp_3dn7S7Zze24pq2Pimz2pxtb3uyb7U3Xw/viewform

Salmon-Safe and our partners are excited to announce the launch of the Puget Sound Pledge, a campaign of leadership actions to protect Puget Sound and invite you to be part of this network of city and policy maker leaders. June 22, 2021

The Puget Sound Pledge is a no-cost, leadership campaign that aims to encourage municipalities and government organizations to lead the way in watershed protection in our region. Commitments and actions taken through this pledge will ultimately inspire others in the private sector and elsewhere. To commit to the Puget Sound Pledge, simply select three or more of the actions related to water quality and habitat protection. If you are not ready to make that level of commitment, you can start with even a single action. We support actions at every scale. At the conclusion of the campaign (November 2021), three organizations (with high-level commitments or potential for highest impact) will be selected for an eco planning charrette and strategy meeting with Salmon-Safe's independent science team. Learn more about the Puget Sound Pledge <http://salmonsafe.org/join-the-movement/> We are hosting an action event on June 22 where we will be convening public sector leaders to learn more about the campaign and how they can participate. Event registration

<https://www.eventbrite.com/e/puget-sound-pledge-action-meeting-for-municipalities-and-government-tickets-152725647523>

MRSC Land Use Case Law Update – Summer 2021 July 15, 2021 11am-12pm \$35

This webinar will review land use cases applicable to Washington State, including the most recent regulatory, legislative, and case law developments that every seasoned land use practitioner should know. Our panelists will also provide practical advice and guidance to help local governments improve

their land use regulation and prepare for potential changes. More information at:

<https://mrsc.org/Home/Training/Upcoming-Webinars/Land-Use-Case-Law-Update-Summer-2021.aspx>

ECOSS Municipal & Industrial Stormwater Training

Due to the ongoing Washington State COVID-19 Stay Home, Stay Healthy order, ECOSS is currently offering its stormwater training classes as an online webinar series. We believe this will help you accommodate your program's training needs. These classes help cities meet Municipal staff training requirements for the Phase I and II NPDES Stormwater permits.

Municipal Training: <https://ecoss.org/projects/municipal-stormwater/>

Industrial Training: <https://ecoss.org/projects/industrial-stormwater/>

StormCon September 13-15, 2021 Wisconsin Center, Milwaukee, WI

Conference information: <https://www.stormcon.com/storm/765323>

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

City of Bothell is recruiting a program coordinator position to complete stream and storm system monitoring, watershed planning, restoration project management, and assist with NPDES permit compliance. A strong background in monitoring, data analysis, project management, and grant writing is highly desired. Recruitment closes June 14:

<https://www.governmentjobs.com/careers/bothellwa/jobs/3097897/surface-water-program-coordinator-water-quality?pagetype=jobOpportunitiesJobs>

Thurston County Stormwater Utility Stormwater Inspector - Residential (Water Resources Specialist II). closes June 27, 2021

Are you a hardworking, reliable, dedicated professional who wants to make a difference in the community while protecting the local environment? We may have the job for you!

This position independently manages the Residential Stormwater Inspection Program. The Residential Inspection Program helps ensure the proper maintenance of privately-owned and operated stormwater facilities within Thurston County. This position requires broad experience in stormwater management systems and excellent communication and negotiation skills with property owners, property management companies, homeowners associations, other Thurston County departments, regulatory agencies, and the general public.

<https://www.governmentjobs.com/careers/thurstonwa/jobs/3109137/storm-water-inspector-residential?keywords=stormwater&pagetype=jobOpportunitiesJobs>

City of Mill Creek surface Water Engineer. The City of Mill Creek is in an exciting new stage of reorganization. The Public Works and Development Services Department provides vital services to the community of Mill Creek, combining planning, economic development, and public works. The newly constituted Public Works Engineering team, comprised of the City Engineer, Project Engineer, and Surface Water Engineer, will have the opportunity to contribute to a city organization that is aligned with best practices, efficiency, technical advancements, and innovation. More information and application at: Open until filled.

https://workforcenow.adp.com/mascsr/default/mdf/recruitment/recruitment.html?cid=21af4cef-ad68-43a5-8798-5038bfb9e371&ccId=19000101_000001&type=MP&lang=en_US

City of Kent Senior Ecologist in Public works Department. Are you a dedicated professional who is passionate about the environment, particularly efforts to enhance environmental quality? Are you familiar with city codes and state, tribal, and federal regulations regarding natural resources management, critical areas requirements, and restoration/mitigation site construction standards? If you are a highly motivated and detail-oriented individual who can identify potential environmental problem areas and provide recommendations for solutions, this position may be perfect for you! Closes on July 7, 2021 more information and to apply: <https://jobs.kentwa.gov/senior-ecologist/job/16267441>

King County Assistant Project manager (Water quality Planner/Project Manager II)

The Science Section's mission is to provide scientific knowledge, information, and analysis in support of regional environmental resource management. We collect, analyze, model, and interpret information that supports a variety of King County's environmental programs, including those that address wastewater and stormwater treatment, habitat, and surface water management. This position will be providing coordination and technical support for the Water Quality Benefits Evaluation (WQBE) Toolkit being developed under the Clean Water Healthy Habitat initiative. Closes June 13, 2021. To apply <https://www.governmentjobs.com/careers/kingcounty/jobs/3080764/assistant-project-manager-water-quality-planner-project-manager-ii>

City of SeaTac for a Water Quality Technician. The posting is open until filled.

The City of SeaTac is seeking a Water Quality Technician to add to our team! In this position, the incumbent will assist in the implementation and daily activities of the City's stormwater management and compliance programs. These programs include the Western Washington Phase II Municipal Stormwater NPDES Permit, public and private O&M inspections, illicit discharge detection and elimination (IDDE), source control, public education and training. For more information: <https://www.seatacwa.gov/our-city/employment/job-opportunities>

Dept. of Ecology Stormwater Grant and Loan Financial Specialist (Environmental Specialist 3) – Lacey, WA. The Water Quality Program is looking for a new member for our grants and loans team. In this position you will address non-point source pollution and stormwater management by providing technical and financial assistance to local governments, tribal governments, and non-profits that have been awarded funding for water quality improvement projects. Open until filled. To Apply: <https://www.governmentjobs.com/careers/washington/jobs/3055362/stormwater-grants-financial-specialist-environmental-specialist-3>