

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

STORM BMP Report

Find out what is polluting our waters in Puget Sound and which toxins we can collectively tackle. This report, written by 2 UW students working with the STORM (Stormwater Outreach for Regional Municipalities) BMP work group, is foundational as we look to science to help guide our behavior change programs and engage our communities:

<https://www.pugetsoundstormgroup.org/eDownload.aspx?no=726&DocID=v%2b%2bePXoFa90%3d&Disp=inline>

Ed Kolodziej at UW Tacoma is hosting a virtual Emcon conference focused on emerging contaminants occurrence, fate, transport, and effects September 13-14. It will cover stormwater and other PNW topics including roadway runoff, microplastics, and 6PPD. Please consider sharing the event information link <https://cvent.me/7kvWG9> with your colleagues. You are welcome to plan to attend or propose a talk, lightning talk, or poster.

Please let Ed know if you have any questions: koloj@uw.edu or 253-692-5659.

They are also looking for sponsors, so let Ed know if it's possible for your organization to support the conference.

NMSA Launches Stormwater Testing and Evaluation for Products and Practices (STEPP) Center for Excellence - NMSA launched the STEPP Center of Excellence in June as this initiative moves to the next phase in development. More details will be provided as this initiative continues throughout 2021 and into 2022. The press release on this launch can be found at:

<http://nationalstormwateralliance.org/cbp3/>

Snake River in Pacific Northwest is Nation's most 'Endangered River' in 2021. See:

<https://www.usatoday.com/story/news/nation/2021/04/13/most-endangered-rivers-snake-river-tops-list-american-rivers/7191736002/>

Stormwater has its own category on ASCE Infrastructure Report Card and Receives grade of D.

See: <https://infrastructurereportcard.org/cat-item/stormwater/>

PFAS, the news: A rainwater sampling project using mass spectrometry identified 17 different types of PFAS across seven sites in the Ohio-Indiana region. See: <https://cen.acs.org/acs-news/acs-meeting-news/US-rainwater-contains-new-and-phased-out-PFAS/99/web/2021/04>

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

Peer City Review of WQ Monitoring Programs for Green Infrastructure

We are conducting peer city research with the Philadelphia Water Department (PWD) Monitoring, Analysis, and Research Support (MARS) team. Our work is intended to support the anticipated expansion of PWD's MS4 program under the Department's upcoming permit cycle. Our current research focus is water quality monitoring best practices for evaluating green infrastructure performance at the facility scale. See attached Water Quality Peer City Research Questions. Contact Lukin Jacob at ljacob@akrf.com

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

Central NPDES Permit Coordinators Forum

August 19, 2021 1-3:30pm

Thank you, Leah Mikulsky, Woodinville and Rachel Konrady, Kirkland for your dedication and leadership coordinating engaging meetings for the past year! Welcome your new co-coordinators John Sizemore, Bellevue and John Featherstone, Shoreline.

ROAD Map (Regional Operations and Maintenance Program)

October 14, 2021 1:00-3:30pm

South Sound Phase II Coordinator's Group

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

Business Inspection Group (BIG)

Aug. 17, 2021 1:30-3:30pm

RESOURCES:

The UW Climate Impacts Group is excited to share two Spanish-language reports on the impacts of climate change for Washington State. The reports – *Sin Tiempo Que Perder* and *Cambiando las Líneas de Nieve y las Líneas de Costa* – were originally published in English in 2018 and 2020 and are written for a general audience including policy makers, community organizers, journalists and the public. Learn more about the translations.

Available at:

Sin Tiempo Que Perder <https://cig.uw.edu/resources/special-reports/sin-tiempo-que-perder/>
Cambiando las Líneas de Nieve y las Líneas de Costa <https://cig.uw.edu/resources/special-reports/cambiando-las-lineas-de-nieve-y-las-lineas-de-costa/>

The English-language versions of these reports are available

No Time to Waste <https://cig.uw.edu/resources/special-reports/no-time-to-waste/>

Shifting Snowlines and Shorelines <https://cig.uw.edu/resources/special-reports/shifting-snowlines-shorelines/>

EPA Releases Low Impact Development (LID) Fact Sheet on Aligning Local Development Codes

EPA is concluding its 12-part LID Barrier Buster Fact Sheet Series by addressing a significant barrier to greater use of LID: barriers in local development codes that have prevented greater adoption of LID, also known as green stormwater infrastructure. Because this obstacle is pervasive and can be difficult to address, the new fact sheet contains two parts. Part 1 (the first two pages) lays out the problem and describes the solution in general terms. Part 2 (the remaining 6 pages) walks readers through the solution's process with illustrative examples along the way and links to additional resources.

LID Fact Sheet Series: <https://www.epa.gov/nps/urban-runoff-low-impact-development#bb>

Revising Local codes to Facilitate Low Impact Development Facts Sheet:

https://www.epa.gov/sites/production/files/2021-06/documents/lid_fact_sheet_codes_june_2021_508.pdf

Water Research Foundation: Community-enabled Lifecycle Analysis of Stormwater Infrastructure Costs (CLASIC) Tool free tool

A new decision-support tool developed by the Water Research Foundation (Denver) aims to optimize the design-selection process for planning infrastructure investments that provide maximum environmental, social, and economic benefits at minimal costs.

https://stormwater.wef.org/2021/05/clasic-tool-predicts-costs-co-benefits-and-climate-resilience-for-stormwater-infrastructure/?mkt_tok=MTUwLUFGUy05OTkAAAF9msb5-05xzeftqlp8xjTyX8iSYeocO5-grcfb8L0Clp28ZtamtOIhqvBlotNnnhzlDd5vOnoFCJy1vag4Owf5nUiRVJ9wegX8p0wsTw77

CLASIC also complements EPA's existing suite of green infrastructure modeling tools, which includes models, tools, and technologies for communities to manage water runoff. The resources in this toolkit incorporate green and gray infrastructure practices to help communities manage their water resources in a more sustainable way and increase resilience to future changes. <https://www.epa.gov/water-research/green-infrastructure-modeling-toolkit>

USGS/DOT Integrated Surface Water Flow Trends Mapper. USGS/DOT have just released their on-line Trends mapper: Integrated Water Availability Assessments - Surface Water Flow Trends in the Nation's Streams and Rivers (<https://iwaas.wim.usgs.gov/sw-flow-trends/>)

City of Tacoma (City) updated its Stormwater Management Manual (SWMM)

Required by Tacoma's 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 hosted 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 training session recordings (posted soon).

National Municipal Stormwater Alliance (NMSA) has a new Youtube Channel - It will be populated with webinars and other content as time goes along at:

https://www.youtube.com/channel/UCmWVZeF-hL_0Ga-cckXV3yg

MuniCon 2021 presentation recordings are now available!

The Washington Stormwater Center's (WSC) signature Washington State Municipal Stormwater Conference (MuniCon) features 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. Recordings are on the WSC Stormwater YouTube Channel: <https://www.youtube.com/channel/UCuVzz3DSGC7N0cA6cI0E99g>

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

MuniCon Program and conference webpage link: <https://www.wastormwatercenter.org/permit-assistance/municipal/municon2021/>

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/15lANybg219MSjx0q9C9k_Cp-LSVDCqy4

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

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>

The Public-Private Partnership Conference & Expo September 13 – 15,

Attendees will discover new project delivery methods, strategies for implementing a successful procurement, the nuts and bolts of how P3 agreements operate, and how to manage risks associated with legal and financial frameworks. Topics: Roads & Bridges, Airports, Resiliency, Water Infrastructure Projects. https://www.thep3conference.com/?oly_enc_id=1550C5900223G4V

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

The Northwest Seaport Alliance

The following position is now open: #524—Environmental Analyst II (Water Quality). A copy of the announcement is attached for your information and to share with your network.

Application must be made through NEOGOV, the Port's online recruitment system. Please visit <https://www.governmentjobs.com/careers/nwseaport> to apply.

City of Shoreline has a job opening for the **Senior Surface Water Program Specialist** position, which is the role primarily responsible for water quality monitoring and coordinating for compliance with our Phase II NPDES permit. Closes July 6, 2021. Qualified candidates apply at:

<https://www.governmentjobs.com/careers/shorelinewa/jobs/3123965/senior-surface-water-program-specialist?pagetype=jobOpportunitiesJobs>

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

Are you are 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 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>

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>