

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/trainings, and news. There is a lot of useful information and attachments please share with others who could use the information.

NEWS

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

The City 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, training session recordings and training materials.

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/>

LEGISLATIVE UPDATE

House Passes Legislation Including Provisions for the Stormwater Sector - On June 30, the House of Representatives passed H.R. 3684, the INVEST Act, which included the text of H.R. 1915, the Water Quality Protection and Job Creation Act by a vote of 221-201. A link to this legislation is provided here: <https://rules.house.gov/sites/democrats.rules.house.gov/files/BILLS-117HR3684RH-RCP117-9.pdf>. Section H of this legislation focuses on Clean Water topics, including several provisions for stormwater.

The Senate passed the Drinking Water and Wastewater Infrastructure Act (S.914) in late April by a vote of 89-2. This legislation also includes significant coverage for the stormwater sector.. This legislation can be found here: <https://www.congress.gov/117/bills/s914/BILLS-117s914es.pdf>.

Next, the Senate and the House will go to conference to reconcile the differences between these two pieces of legislation and the resulting language will likely be integrated to a larger infrastructure bill this fall.

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

The **City of Vancouver** is requesting volunteers to advise and develop a statewide webinar curriculum on pollution prevention on construction sites in 2022. While stormwater pollution prevention plans (SWPPPs) are required on many construction sites, template documents often say "not applicable" or "no risk" for Element 9 of the SWPPP. The webinars will target two audiences: construction site staff like superintendents and project managers and private design engineers who often develop documents for construction projects. The webinars are being developed as part of a grant through the Stormwater Financial Assistance Program with a goal of launching in early 2022. If you have insight to share or are willing to participate in discussions of needs and review of materials for webinars for contractors and private engineers, please contact Maddie Burke at Maddie.burke@cityofvancouver.us

The City of Shoreline is interested in learning how other jurisdictions have identified specific activities that produce fecal waste in streams. We have completed a fecal source tracking study which identified both human and pet waste as main sources of pollution and are hoping to learn methods other jurisdictions have used to identify the likely sources of this pollution, as well as recommendations for how to address them. Please contact Claire Christensen cchristensen@shorelinewa.gov with any experience, advice, or thoughts you have on this work.

Thurston County Hydrogeologist, is trying to work out a good conceptual model for P transport. He has taken an initial look at the Puget Sound Regional Toxics Model: Evaluation of PCBs, PBDEs, PAHs, Copper, Lead, and Zinc, and is looking for input from others familiar with this subject.

Is there anyone in this group that has worked on septic's loading of P to groundwater? Does anyone know of other existing studies within Puget Sound region, or someone working on this? If you have any information, please respond directly to Kevin Hansen at kevin.hansen@co.thurston.wa.us

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:

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/Download.aspx?no=726&DocID=v%2b%2bePXoFa90%3d&Disp=inline>

EPA Releases Information on Managing Unpaved Roads - EPA has released a number of resources on managing runoff and other environmental impacts associated with unpaved roads. Information on these resources can be found here: <https://www.epa.gov/nps/roads-highways-and-bridges-additional-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.pdfm

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=MTUwLUFGUy05OTkAAAF9msb5-05xzftqlp8xjTyX8iSYeocO5-grcfb8LOClp28ZtamtOIhqvBlotNnnhzlDd5vOnoFCJy1vag4Owf5nUiRVJ9wegX8p0wsTw77

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/>)

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>

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. Contact is: 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

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

Stormwater Retrofitting Webcast, Center for Watershed Protection, Inc. July 14, 2021

Speakers: Ruth Ayn Hocker from the Center for Watershed Protection & Kathryn Austin from the City of Lancaster, PA. This webcast will focus on the restoration of urban and suburban watersheds through implementing practices to intercept and treat runoff to reduce pollutant loads or reduce runoff volume. Fee based. for more information: <https://www.cwp.org/webcasts-2021/>

Improving Watershed Health through Agricultural-Municipal Partnerships Webinar July 15, 2021

3:00-4:15 ET **12:00-1:15 PT**. EPA's Water Finance Center will host a 75-minute webinar on three different agricultural-municipal partnerships. Watersheds can benefit when municipal water treatment plants invest in conservation practices on nearby farms. https://www.zoomgov.com/webinar/register/WN_low6iSDZRtOV93q6uFWO2w

Public Workshop on chemicals in Motor Vehicles Tires July 28-29,2021

(Department of Toxic Substances (DTSC) will host a two-day public workshop on chemicals in motor vehicle tires. DTSC is considering listing motor vehicle tires containing zinc and 6PPD as Priority Products. The meetings will be Please register for these events in advance. Additional details and materials will be posted on this page as they become available. For more information, please visit the Motor Vehicle Tires webpage for information on the online, via webcast, and include presentations and time for public comment. <https://dtsc.ca.gov/scp/chemicals-in-motor-vehicle-tires/>

Day 1 Motor Vehicle Tires Containing Zinc https://dtsc.ca.gov/scp/motor_vehicle_tires_containing_zinc/

Day 2 Motor Vehicle Tires Containing 6PPD https://dtsc.ca.gov/motor_vehicle_tires_containing_6ppd/

FEMA Region 10 Hosts Webinar on How to Do Business with FEMA for Businesses

When FEMA responds to a disaster, our goal is to contract with local businesses in the affected area, whenever practical and feasible.

FEMA's Chief Component Procurement Officer and FEMA Region 10 are facilitating a webinar for businesses to learn how to do business with the FEMA. The webinar will cover FEMA's small business program, category management, contracting, and regional coordination.

The p.m. PT on **July 14. Participants must register by July 9 at 2 p.m PT. Each company may register a webinar is 10 a.m. – 12** maximum of three participants due to limited capacity. Closed Caption will be made available. Webinar attendance does not guarantee contract award.

Learn more about how to do business with FEMA at [FEMA.gov](https://www.fema.gov).

Contact Us

If you have any questions, please contact FEMA Region 10 Office of External Affairs:

- News Desk at (425) 487-4610 or FEMA-R10-NewsDesk@fema.dhs.gov
- Congressional Affairs at FEMA-R10-CongQ@fema.dhs.gov
- Tribal Affairs at FEMA-R10-Tribal@fema.dhs.gov
- Private Sector at FEMA-R10-CommunityPartners@fema.dhs.gov

PFAS in Stormwater: Treatability and Implications of Emerging Water Quality Standards for Stormwater Dischargers - July 29, 12:00 - 1:00 PM (EDT) This presentation will provide an update on the state-of-the-practice for Per- and Polyfluoroalkyl Substances (PFAS) in urban and industrial stormwater, including its abundances, its treatability and implications for source control, and implications for industrial and municipal stormwater dischargers. <https://register.gotowebinar.com/register/3978339149413246991>

City and County of Honolulu 2021 Virtual Stormwater Quality BMPS Workshops. August 25 – 27, 2021.

Information: <https://swqbmeps2020.sched.com/>

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, 2021

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

Emcon Virtual Conference September 13-14, 2021

On behalf of our Scientific Committee, we cordially invite you to Emcon 2021, the 7th International Conference on Emerging Contaminants. This event will be held virtually on September 13-14, 2021, where you can expect to hear the latest research news and discoveries about the environmental chemistry of emerging environmental contaminants and their management. We welcome you to EMCON where you can virtually reconnect with old colleagues and meet new friends from around the world while discussing your exciting research and ideas together as a community. <https://web.cvent.com/event/930867c6-cb37-48f8-b2e0-e7f361d941ab/summary>

2021 Virtual P2 Roundtable Region 9/10 Pollution Prevention Regional Oct. 20, 21, 27, 28 10:00-2:30.
<https://pprc.org/2021/projects-2/projects/2021-virtual-p2-roundtable-call-for-presentations/>

Iowa's IStorm 2021 Annual Conference and Exhibition. The virtual conference will be held on Wednesday, October 27 through Friday, October 29 from 9AM-Noon each morning. Hosted by the Iowa Stormwater Education Partnership. See: <https://iowastormwater.org/event/istorm-2021-annual-conference-exhibition-day-1/>

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).

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