DAY 1 – Sunday

3:30 - 5:00 PM

Measuring and limiting PFAS in your treatment plant- sharing advice, sharing stories

Scott Mansell | Research & Innovation Division Manager, Clean Water Services

Summer Sherman-Bertinetti | Operations Analyst in the Research and Innovation Department at Clean Water Services

Whether you've tested or not, you can count on PFAS being present in your biosolids. Here is a 101 on how to test, where to test, and what to do when you get the results. This workshop will be led by Scott Mansell who has done it all. He will be joined by regulators, other operators. All welcome your participation and questions.

DAY 2 – Monday

8:40-9:55 AM

Section Topic: The Only Thing to Fear is Fear Itself (Moderator: Dr. Sally Brown)

Dan Eberhardt | Biosolids Supervisor, City of Tacoma

Patrick Stanley | Director, Resource Recovery and Reuse, Metro Water Recovery

Loud and proud or on the down low? Both approaches have worked, both have their own risks and appeal. Here Dan Eberhardt, City of Tacoma aka Loud and Proud talk with Dan Freedman, Denver Metro aka on the Down Low share notes about what life is like on each side.

10:05-10:55 AM

What is the vibe in your organization? Pride or Paralysis?

Terry Alber | Idaho Department of Environmental Quality

In this session, attendees will discuss:

Personal Introductions

- Where participants are from
- Their role and organization
- Tenure in biosolids work
- Poll placement (from earlier activity)

2. Biosolids Practices and Perspectives

- Current biosolids management strategies
- Personal and organizational accomplishments
- Concerns or fears related to biosolids work

3. Organizational Outlook

- Upcoming changes within organizations
- Emotional and cultural responses to those changes
- Inspirational ideas generated from group discussions

11:10 – 11:50 AM

Beavers: Ecosystem Engineers

Joe Mouser | Communications Manager for Beavers Northwest

Beavers are our ecosystems' natural engineers, and possess the rare ability to create their own habitat. In doing so, they create and expand wetlands and impart climate resiliency to watersheds across our region. In this presentation, we will discuss beavers, their unique adaptations, and the interesting behaviors those adaptations drive. We will also cover the ecological benefits of beavers, with a particular focus on water quality improvement in urban and suburban areas. Finally, we will discuss the challenges that can arise from living alongside them, the solutions that Beavers Northwest provides, and how some local governments in Washington State are partnering with Beavers Northwest to implement non-lethal management solutions to beaver conflicts.

Section Topic: Natural Balance (Moderator: Deveron Musgrave)

12:50 – 2:30 PM

- Using Isotopic Tracers as a way to track Biosolid Nutrients
    - David Butman | University of Washington
    - Learn about how the individual nitrogen isotopes in biosolids may allow us to trace nitrogen from biosolids applications through the landscape.
- City of Bremerton Biosolids Forest Enhancement Program
    - Sean Walsh | Forestry Division Manager, City of Bremerton
    - This session provides a comprehensive overview of the City of Bremerton Biosolids Program, tracing its development from historical practices to the current operational framework. Key topics include program challenges, recent modifications, and strategic planning for the future. - Deveron point of contact
- Harnessing nature's smallest bubbles to achieve the biggest balance in biosolids management
    - Chris Maher | Senior Operations Analyst, Clean Water Services
    - Clean Water Services (CWS), in collaboration with Moleaer—a leading provider of nanobubble technology—is piloting an innovative strategy to improve biosolids dewatering efficiency at the Rock Creek Water Resource Recovery Facility (WRRF). This project explores the use of nanobubble-conditioned makedown water to improve polymer efficiency during centrifuge dewatering—a first-of-its-kind application in the Pacific Northwest.
    - This presentation will detail the pilot design, methodology, and early results from Rock Creek, and will explore the mechanisms by which nanobubbles may enhance polymer activation and floc formation. The findings offer promising implications for utilities seeking to reduce chemical costs, improve operational efficiency, and advance sustainable biosolids management practices.

- Biosolids impacts on soil carbon, soil health, and successful integration of livestock grazing
    - Deirdre Griffin-Lahue, PhD | Associate Professor of Soil Quality and Sustainable Soil Management at Washington State University
    - This talk will provide and update on the latest findings and activities from the long-term agricultural biosolids trials near Mansfield, WA, focusing on agronomic benefits, soil carbon accumulation and stability, and opportunities for farmers to integrate additional soil health management practices while using biosolids.

Section Topic: Contaminants Du jour (Moderator: Jori Nelson)

2:45 – 5:05 PM

- Is Washington like Michigan? Putting the WA PFAS data into context
    - Dr. Sally Brown | University of Washington
    - The results from the voluntary WA DOE PFAS survey are in. I'll compare the numbers to a recent survey of Michigan biosolids. Numbers will be used in combination with end uses in WA to see if there are areas of concern.
- PFAS- the National perspective
    - Dr. Ian Pepper | Regents Professor at the University of Arizona
    - The first phase of this national study is drawing to a close. Here you can see what biosolids amended soil look like under the lens of PFAS. We will present data on soil PFAS concentrations and groundwater PFAS concentrations.
- Voice for Biosolids: Finding our Roar in the Face of a Changing Regulatory Landscape
    - Maile Lono-Batura | Director of Renewable Resources, CASA
    - When PFAS surfaced, it was veiled as yet another contaminant which water resource recovery facilities were not originally designed to handle, let alone be held responsible for its very existence. What has transpired over the last decade as a dull roar has become a mighty lion whose fangs were only sharpened by the release of the Draft Biosolids Risk Assessment for PFOA

and PFOS and a host of negative media blitzes. This talk will outline some key differences between the original Part 503 development and Draft Risk Assessment missteps that have left an indelible mark on biosolids practices near and far. For the 30+ year standing biosolids regulation, history has been written, now let it help to guide the future of responsible and research-based regulations. Standing our ground in the face of a lion feels like an immense test of our resolve. Yet we have the grit, the uncaged lens on possibilities, and a spigot on one of the most undervalued circular resources that have been here since the beginning of humankind before designer chemicals were even a non-stick sparkle in mainstream consumerism.

- State of Washington Biosolids Program: PFAS and SB5033
    - Emily Kijowski | Statewide Biosolids Coordinator, Department of Ecology
    - This talk will provide an update on several Ecology biosolids program efforts. Including results of Ecology's PFAS biosolids sampling study, an update on implementation of Senate Bill 5033 that passed during the 2025 legislative session, as well as an update on the General Permit for Biosolids Management.
- Is it coming from the landfill?
    - Rebecca Singer | Director, King County Solid Waste Division
    - One potential source of PFAS into treatment works is leachate from landfills. In my new position as head of Solid Waste for King County, this is something I've had to look at. I will share results from our testing. These can be used to guide any plant that accepts landfill leachate as part of their influent.
- The Fate of Microplastics in Wastewater Treatment from Sink to Sea
    - Teigan Gulliver, P.E. | West Region Biosolids Lead at HDR
    - Microplastics from Textiles, industrial processes, and personal care products enter wastewater systems, where their small size allows many to bypass treatment and reach aquatic ecosystems. These pollutants can adsorb toxins, disrupt marine life, and persist in the environment. This session explores the sources, fate, and transport of microplastics in wastewater treatment, regulatory considerations, and innovative solutions such as

biodegradable alternatives. Understanding their journey can help drive changes in consumer products and treatment technologies to reduce pollution.

DAY 3 – Tuesday

Section Topic: Outreach/Pride (Moderator: Mike Gates)

8:30-10:05 AM

- Turning Waste into Wins (and Conversations!) in King County
  - Dave Keeney | Biosolids Project Manager, King County
  - This presentation will ferment some great ideas by sharing a case study of King County's new pilot composting facility. We'll briefly cover the design, construction, and operation, but the real dirt is how this facility creates opportunities to provide compost to the community and serves as a natural vehicle for discussing wastewater treatment and the beneficial use of biosolids.
- Biosolids Stepping into the mindset- not the pile.
  - Deidre Bartlett, C.E.T. | Manager Biosolids Operations, Gold Bar WWTP, EPCOR Water Services
  - An overview of how stakeholders should get boots on the ground to fully understand biosolids and how valuable it can be to your program and operations.
- You are the face of your biosolids
  - Mike Van Ham | President, SYLVIS Environmental
  - Pride in product is a critical component of a successful biosolids program. Here we'll talk about how Sylvis shows that pride to farmers, regulators and neighbors. Remember, pride never starts with an apology.
- State of the Solids: The City of Columbus 100% Beneficial Reuse Program
  - Moss Birri | Biosolids Specialist, City of Columbus
  - The City of Columbus commits to 100% beneficial reuse of its biosolids in a state with less than 50% beneficial reuse. The City has achieved this goal

since April 2016 through a diverse outlet portfolio and region-specific biosolids management strategies. These core outlets include liquid land application, cake application for mine reclamation, off-site digestion, and the City owned and operated Class A Biosolids Composting Facility. Learn about the management successes and challenges of these various outlets with an eye toward future growth.

Section Topic: Regional Regulatory Updates (Moderator: Deidre Bartlett)

10:20 – 11:40 AM

- Regional Regulatory Panel
    - Mounia Sassi | Eastern Region Biosolids Program Coordinator, Washington State Department of Ecology
    - Pat Heins | State Coordinator for Biosolids and Water Reuse, Oregon DEQ
    - Terry Alber | Idaho Department of Environmental Quality
    - Sarah Deslauriers, PE, ENV SP | California Association of Sanitation Agencies
    - **A. Regulatory Developments**
        - New or proposed regulations affecting:
            - Beneficial use of biosolids (e.g., land application, composting)
            - PFAS management and oversight
            - Nutrient product harvesting (e.g., struvite, ammonia)
    - **B. Regulatory Responsibilities**
        - Changes in responsibilities for regional regulators related to:
            - Biosolids use and classification
            - PFAS monitoring and enforcement
            - Nutrient recovery and product certification
    - **C. Facility Practices and Compliance**
        - Nutrient harvesting activities at facilities
        - Use and classification of harvested products (e.g., Class A EQ)
        - Methods for demonstrating compliance with Class A standards
    - **D. Regional Highlights and Challenges**
        - Notable achievements or innovations in biosolids management

    - Persistent or emerging challenges faced by jurisdictions
- Oregon's HB 2947—Building the Science and Data to Understand the Effects of PFAS in Oregon's Municipal Biosolids on Farmland
    - Susie Smith | Oregon Association of Clean Water Agencies
    - With increasing national concern about PFAS in biosolids, regulatory actions in states around the nation to restrict or ban biosolids land application, and a growing concern in Oregon about losing cooperative agreements with farmers for land application, Oregon's wastewater agencies began to clamor several years ago for a scientific research study to get Oregon-specific information. At the same time, DEQ has wanted this study to help provide scientific underpinnings for any policy actions they might take in the future related to PFAS in biosolids. In 2025, the Oregon legislature passed, with broad bipartisan support, HB 2947. This bill will help fund Oregon State University (OSU) researchers to study the effects of per- and polyfluoroalkyl substances (PFAS) in land applied biosolids on soil and agricultural crops at select sites across the state. The 2025/26 Biosolids PFAS study was designed through a three-way partnership of OSU, the Department of Environmental Quality (DEQ), and the Oregon Association of Clean Water Agencies (ACWA). The $800,000 study is being funded by the State's General Fund ($410,000), Oregon DEQ through an EPA grant ($225,000), and Oregon ACWA ($165,000). This presentation will focus on how/why Oregon biosolids managers came to the decision to seek funding for an Oregon-specific biosolids/PFAS study, how the framework and methods for the study were developed, how we won legislative support, how this study will be performed over the next 18 months, and the project objectives we hope to achieve.
- Defending Biosolids Recycling in the Age of PFAS
    - Jimmy Slaughter | Partner, Beveridge & Diamond, P.C.
    - This presentation will survey and analyze the latest policy, legislative, and litigation developments affecting the beneficial use of biosolids and compost containing trace amounts of PFAS. The talk will provide wastewater and residuals professionals' current information that will help

their decisions on risk, liability, management, planning, and defense of litigation.

WORKSHOP: How to talk about risk

12:45-2:15 PM

- Dr. Sally Brown | University of Washington
- EPA says 1 part per billion can be a concern. You've got 14. This workshop will help you tell the story of how EPA was just doing their job and how by advocating for biosolids (even with 14 or 40) you are still doing yours.

• SPEAKERS

- Terry Alber
- Terry Alber has spent over two decades involved in water quality, including operations, inspections, data and sample collection and analysis, and regulatory analysis, interpretation, compliance, and enforcement. He started his fifteen years with the City of Boise as an Environmental Technician and rose through Senior Environmental Specialist to the Pretreatment Program Coordinator position. In the last four and a half years, he has tackled the challenge of book-ending the wastewater treatment process as DEQ's Biosolids and Pretreatment Coordinator, providing compliance assistance and guidance to Idaho's POTWs. In Idaho, if you have a Biosolids or Pretreatment question, Terry will have an answer (even if he has to make one up).

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- Deidre Bartlett, C.E.T.
- Manager Biosolids Operations, Gold Bar WWTP, EPCOR Water Services
- Born and raised in Eastern Canada, Deidre Bartlett brings both heart and grit to everything she does. Now based in Edmonton, Alberta, working for EPCOR Utilities Inc. she has spent over 10 years championing environmental sustainability through biosolids management. Deidre is known for her strategic thinking and knack for turning operational hurdles into cost-saving, forward-looking initiatives.
- Outside of work, Deidre seeks balance in nature in addition to touring water and wastewater facilities along the way. She loves traveling during the slower seasons of biosolids management, tuning into gripping true crime podcasts, and spending time outdoors—whether that's a hike in the woods or just soaking in a quiet prairie sunset.

- Moss Birri
- Moss Birri graduated from the Ohio State University with a bachelors in Soil Science while working in the Soil Microbial Ecology Lab and writing their honors thesis on the efficacy of enzyme assays in assessing land management impacts on soil health. They entered their role as Biosolids Specialist with the City of Columbus bringing laboratory, public communication, and hands on regenerative agricultural experience. They bring an ecological and soil health driven approach to the goal of maintaining and growing the City's 100% Beneficial Reuse Biosolids program.

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- Dr. Sally Brown
- University of Washington
- Sally Brown is a Professor at the University of Washington. Sally Brown received her MS and PhD under Dr. Rufus Chaney in 1996 at the University of Maryland. Her dissertation was on the Long-term effects of biosolids application on agricultural soils. Her work with biosolids started there and hasn't stopped since. She is a Fellow in the Soil Science Society of America and was a two term member of the National Academy of Science Committee on Soil Science. She writes a monthly column for BioCycle Magazine and Northwest Biosolids Resource Library for members only.

- David Butman
- University of Washington
- David Butman grew up outside Boston, MA in the city of Gloucester. After completing an economics major in college, he continued to finish a double major with environmental science. Post college, he worked as a fisheries observer for the National Marine Fisheries Service through the North Atlantic, and finally he got too cold in the winter. From there he worked for the State of Massachusetts in the Dept. of Environmental Protection as a watershed analysis. Following his time in Boston, he moved to Woods Hole, MA where he worked as a research assistant at Woodwell Climate Research Center estimating biomass throughout the forests of Siberia from space borne satellites. At this point, he was hooked on satellites and research, returned to the Yale School of Forestry and Environmental Studies, where he completed a dual masters and PhD focusing on carbon cycling in inland water systems. This developed into a Post-Doc with the U.S.G.S and finally led to his

position here at the University of Washington where he works to understand the cycling of carbon from land through soils and into aquatic systems. His real life is spent with his wife and two kids frightened by the future but also involved with robotics, hiking, growing things, and generally looking around and realizing what we need to save.

- Sarah Deslauriers, PE, ENV SP
- California Association of Sanitation Agencies
- Sarah is the Director of Air, Climate, & Energy Programs for the California Association of Sanitation Agencies or CASA. Her 23-year career includes 2 years as a research associate performing life cycle GHG emissions accounting of WWTPs and 19 years of engineering consulting assessing the vulnerability of water and wastewater systems to climate change and other hazards, managing GHG emissions, and evaluating biosolids management approaches and innovative solids treatment technology in balance with developing regulations/legislation. With CASA, she engages with state, local, and federal regulatory agencies advocating on both climate mitigation and adaptation related issues in support of building resilient communities.
- Sarah has a Bachelors and Masters in Atmospheric, Oceanic, and Space Science, a Masters in Environmental and Water Resources Engineering, and a graduate certificate in the Program of Industrial Ecology from the University of Michigan. Sarah is also a registered professional engineer in CA and a credentialed Envision Sustainability Professional.

- Jim Dunbar, P.E

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- Jim Dunbar is the General Manager for California operations at Lystek International. Jim is a graduate of the University of Notre Dame (BSCE) and St. Xavier University (MBA) and a Professional Engineer with more than 25 years' experience in the management of solid waste and treatment of liquid wastes in the United States and Europe. Jim's involvement with biosolids has led him to develop a northern California regional organics management facility which opened in 2016. This facility also has a successful land application program that utilizes a Class A liquid fertilizer program. Jim has been on the Northwest Biosolids Board of Directors since 2017, and the Board President since 2021.

- Dan Eberhardt
- Dan started his journey with the City of Tacoma in February 1985 with Sewer Transmission. In 1990, Dan had the opportunity to move to the Biosolids end of the plant /TAGRO. In 2014, Dan was promoted to Biosolids Supervisor. It's been a fun and fulfilling 40 years.

- Deirdre Griffin-Lahue, PhD
- Deirdre Griffin LaHue is an Associate Professor of Soil Quality and Sustainable Soil Management at Washington State University, based at the Northwestern Washington Research & Extension Center (NWREC) in Mount Vernon. Her research focuses on the impacts of agricultural practices on soil health, microbial communities, and the functions they provide. She takes a systems approach to understanding dynamics of soil organic matter, microbes, and nutrients in agriculture to help improve the resilience of cropping systems. Deirdre received her M.S. and Ph.D. in Soils & Biogeochemistry from UC Davis, where she studied the

effects of soil amendments and irrigation management on soil carbon and nitrogen dynamics, soil health, and system productivity and profitability. Originally from Maryland, Deirdre earned her B.S. at the University of Maryland in Environmental Science and Policy.

- Teigan Gulliver, P.E.
- West Region Biosolids Lead at HDR
- Teigan has 17 years working on water and sanitation and currently serves at HDR's West Region Biosolids Lead. Teigan received the MWH/Association of Environmental Engineering & Science Professors National Best Master's Thesis Award, studying the fate and transport of microplastics in wastewater treatment processes. As Chair of HDR's cross-sector PFAS Practice Group, Vice Chair of WEF's PFAS Task Force, and a founding member of WEF's Microconstituents Community, she works to unite professionals across disciplines to develop holistic strategies for addressing the complex challenges posed by emerging contaminants.

- Pat Heins
- State Coordinator for Biosolids and Water Reuse, Oregon DEQ
- Pat Heins has over 25 years of experience working in environmental compliance. He started as an analyst for an environmental laboratory and an assistant environmental compliance manager for a manufacturing facility, before working as a consultant for 14 years. Pat began working for Oregon Department of Environmental Quality in 2014 in the NW region and is now working in DEQ's headquarters as the state biosolids and recycled water program coordinator and serves as a permit writer for individual and statewide water quality permits.

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- Dave Keeney
- King County
- Dave is the Biosolids Composting project manager for King County. He has spent the past 11 years beneficially using biosolids, first at Metro Vancouver and for the past 3.5 years at King County. At King County he managed the design and construction of the compost facility that he now operates.

- Emily Kijowski
- Statewide Biosolids Coordinator, Department of Ecology
- Emily Kijowski is the Statewide Biosolids Coordinator for Washington State Department of Ecology. In 2019 she began working at the Department of Ecology's Biosolids program and shortly thereafter transitioned into the Statewide Coordinator role to oversee implementation of the permit and program statewide. During her time with Ecology she has prioritized consistent program implementation across the state and keeping informed about toxic priority chemicals. Most recently the focus has been on the presence of PFAS in biosolids as a result of their use in manufacturing of industrial and household consumer products upstream of wastewater treatment plants.

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- Maile Lono-Batura
- CASA
- Maile Lono-Batura is the Director of Renewable Resources for the California Association of Sanitation Agencies (CASA). In this role, she works closely with CASA's Air/Climate/Energy Director to synchronize advocacy efforts that bolster the role of bioresources in creating a circular resource society. She was previously the Director of Sustainable Biosolids Programs at the Water Environment Federation (WEF) as a central coordinator and network leader for WEF's biosolids programs. The launch of her career was as the Executive Director of Northwest Biosolids which she held for 22 years, spearheading biosolids research, partnering on advocacy initiatives, and facilitating numerous outreach programs. Maile earned degrees in Community & Environmental Planning and Environmental Studies, a Master's in Nonprofit Leadership and is a Certified Compost Facility Operator and Board-Certified Environmental Scientist. She was recognized as a 40 Under 40 Rising Star by AAEES in 2022.

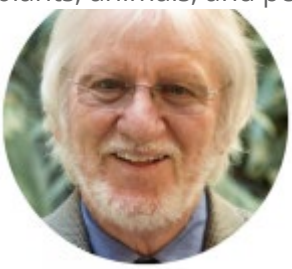
- Scott Mansell
- Research & Innovation Division Manager, Clean Water Services
- Scott is a manager in the Research and Innovation Division at Clean Water Services in Hillsboro, Oregon. Scott's career in research and engineering has covered an exceptionally wide range of subject areas within the One Water framework. He currently manages research groups studying a variety of subjects including advanced sensing, PFAS and emerging contaminants, advanced hydraulic and water quality modeling, data analysis/machine learning, and molecular biology and is an

active participant in projects in many other areas including reuse, thermal management, stormwater management, climate change, and integrated planning. He has collaborated on many research projects and studies with universities, consultants, and other utilities around the country. Scott received his BS in Civil and Environmental Engineering from the University of Utah in 2006 and worked in consulting for 2 years before starting grad school. After earning a PhD in Environmental Engineering from UC Berkeley in 2012, Scott worked in consulting for 5 more years before coming to Clean Water Services in 2017. He is a registered engineer in the State of Oregon and serves as the Pacific Northwest representative for the WateReuse Association Research Committee.

- Chris Maher
  - Senior Operations Analyst | Clean Water Services
  - Chris Maher graduated from Colorado State University with a BS in Chemistry and began his career in wastewater as an operator at the Upper Blue Sanitation District in Breckenridge, CO where he worked for 13 years and earned his MS degree in Environmental Engineering through the Illinois Institute of Technology. He has been with Clean Water Services for 12 years as an Oregon Grade IV Certified Wastewater Operator where he is now a Senior Operations Analyst in the Research and Innovation Department.

- Joe Mouser
  - Communications Manager for Beavers Northwest
  - Joe Mouser is a graduate from the University of Washington in Plant Biology and Wetlands Science and Management. His position of Communications Manager for

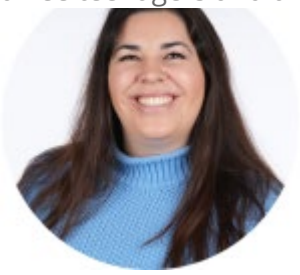
Beavers Northwest allows him to combine his passion for wetland habitats with his skills in community engagement and outreach to make an impact on the world around him. He believes that by helping beavers and humans to coexist, we can improve the functions of the urban watersheds of our region to better serve the plants, animals, and people that rely on them.



- Ian Pepper
- Regents Professor at the University of Arizona
- Dr. Pepper is a Regents Professor at the University of Arizona. He is also Director of the University of Arizona Water & Environmental Technology Center (WET), and Director of the Water and Energy Sustainable Technology Center (WEST). Dr. Pepper is an environmental microbiologist whose research has focused on soil and water quality and land application of biosolids. His expertise has been recognized by membership on 6 National Academy of Science Committees, including the 2002 Committee that evaluated land application. Dr. Pepper is a Fellow of the American Association for the Advancement of Science, the American Academy of Microbiology, the Soil Science Society of America, and the American Society of Agronomy. He is also a Board Certified Environmental Scientist within the American Academy of Environmental Engineers and Scientists. He is the author or co-author of 10 textbooks; 50 book chapters; and over 250 peer-review journal articles.Recent research contributions have focused on Wastewater-based Epidemiology related to Covid-19, and evaluation of indirect exposure to PFAS from land application of biosolids.

- Mounia Sassi

- Eastern Region Biosolids Program Coordinator | Washington State Department of Ecology
- Began with Ecology biosolids program in 2022. oversees permit conformance with regulatory requirements and I am the go-to facilities can rely on in managing their biosolids beneficially. During my time with Ecology I have prioritized bringing facilities into compliance to avoid environmental harm and recently lead the PFAS in Biosolids assessment project in WA state. Prior to joining Ecology, I worked as source control inspector at the City of Abbotsford in BC Canada. I hold a master degree in Chemistry from USTHB University in Algeria. Outside of work, I am busy mom with three teenagers and two dogs.



- Summer Sherman-Bertinetti
- Operations Analyst in the Research and Innovation Department at Clean Water Services
- Summer is an Operations Analyst in the Research and Innovation Department at Clean Water Services. She co-leads the emerging contaminants research projects and leads the method development for trace organics in-house at Clean Water Services, completing the validation of EPA 1633 method for PFAS analysis in 2024. She has most recently expanded the in-house analysis to include 6PPD-quinone (2025) and is currently working on developing the Total Oxidizable Precursor (TOP) assay for PFAS and analysis of PFAS in vegetation. Her work at Clean Water Services focuses on research of emerging contaminants throughout WRRFs and the surrounding waters, soils, and most recently, vegetation. Summer received her BS in Chemistry and BS in Mathematics Applied Science from the University of California, San Diego (UCSD) in 2017 and PhD in Chemistry from the University of Wisconsin, Madison (UW-Madison) in 2022. Following her PhD, she continued as a Postdoctoral Research Associate at UW Madison, in which she spent her time researching PFAS in surface water, natural freshwater foam, and in ice around Wisconsin. Shortly following her move to Oregon in 2023, she joined Clean Water Services. Summer is currently serving as the Event Coordinator for the Pacific Northwest WateReuse

Section, co-chairing the WateReuse track at PNCWA 2025, and is part of the coordinating committee for the 2025 WateReuse Oregon Summer Summit.

- Rebecca Singer
- Director, King County Solid Waste Division
- Rebecca Singer is the Director for the King County Solid Waste Division (SWD), an industry leader in waste and recycling management, providing garbage transfer, disposal, and recycling services for approximately 1.9 million people across 37 cities within King County. The SWD manages eight transfer and recycling stations, two drop boxes, one open landfill, and stewards nine closed landfills. Additionally, the division also oversees landfill gas production, wastewater pretreatment processes, and special waste handling. With a goal of zero waste by 2050, Rebecca is helping to drive the regions circular economy to reduce waste, reuse existing resources, and generate improved recycling systems.
- More recently, Rebecca lead Operations and Maintenance for King County's Wastewater Treatment division where she gained extensive experience in wastewater processing, strategic planning, and regulatory compliance, including policy development, educating colleagues and the public on technical topics, and building cross-functional teams. Rebecca played key roles in multiple state and federally funded projects that used biosolids and recycled water.
- Before her position with King County, she worked for the Washington State Department of Ecology, providing technical assistance to nearly 300 biosolids-permitted facilities. Rebecca holds a Master of Science in Environmental and Forest Resources from the University of Washington.

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- Jimmy Slaughter
- Partner | Beveridge & Diamond, P.C.
- Jimmy is a trial lawyer who has defended biosolids recycling for thirty years. He represents cities, contractors, farmers, and trade association in federal and state courts across the country. His work includes defending tort and nuisance cases alleging harm from biosolids and challenging ordinances that attempt to limit land application.

- Susie Smith
- Susie Smith has worked for local governments in Oregon for nearly 40 years, focusing on water, energy, land and infrastructure planning, management, and regulatory compliance. After working for the City of Springfield, Oregon for nearly 24 years in various capacities, including Environmental Services Manager, General Manager for the Eugene-Springfield Metropolitan Wastewater Commission, and Public Works Director, she retired and founded Stony Creek Consulting to support local governments in addressing water quality and infrastructure challenges and climate resiliency. She served from 2016 to 2023 as the Executive Director of the Oregon Association of Clean Water Agencies (ACWA), a not-for-profit association of public wastewater and stormwater management agencies dedicated to protecting Oregon's waters. She currently maintains contracts with ACWA and other clients that are primarily focused on water quality toxics issues, sustainable water quality management strategies, and statewide water quality policy issues. Smith has a BS in Conservation of Natural Resources from the University of California at Berkeley, and an MS in Urban and Regional Planning from the University of Oregon focused on energy and water resources planning. Smith served as a Governor-appointed member of the Oregon Water Resources Commission from 2000-2008, and she served as an elected Commissioner of the Eugene Water and Electric Board for three terms (1990-2002).

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- Patrick Stanley
- Metro Water Recovery
- Patrick Stanley leads Metro Water Recovery's Resource Recovery and Reuse Department, overseeing the transportation and beneficial reuse of biosolids, including land application of **METROGRO®** to private farms and a 52,000-acre METROGRO Farm. He also manages Metro's diverse fleet maintenance program and the operation of a regional wastewater collection system serving over 60 jurisdictions. With over 10 years at Metro, Patrick credits the department's success to a cohesive mission-driven team and the support of strong organizational leadership. He enjoys spending time with his Grandchildren, spoiling and teaching them bad habits.

- Sean Walsh
- Forestry Division Manager | City of Bremerton
- Sean Walsh is the Forestry Manager for the City of Bremerton, where he oversees 8,000 acres of utility and forest lands with a focus on sustained yield forestry, biosolids utilization, and drinking water protection, all in alignment with environmental regulations.
- Prior to joining the city in 2022, he managed forestry specific projects on over 300,000 acres for timberland investment firms, with expertise in reforestation, forest health, and state permitting. He holds a B.S. in Forest Management from Oregon State University. Outside of work, he enjoys homebrewing, hiking, backpacking, and woodworking.


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