

Tuesday, April 2, 2024					
8:00 AM – 5:00 PM	Registration				
8:00 AM – 9:00 AM	Exhibits & Posters Open All Day	Continental Breakfast			
9:00 AM – 10:30 AM		Welcome Remarks & Opening Plenary David Cash , Administrator, <i>U.S. EPA Region 1</i> John Beling , Deputy Commissioner, <i>MassDEP</i> Adam Nordell , Organic Farmer in Maine & <i>Defend Our Health</i>			
10:30 AM – 11:00 AM		Networking Break & Refreshments			
11:00 AM – 12:30 PM		Session 1A <i>Forensics – Part 1</i>		Session 1B <i>Domestic Wastewater Investigations</i>	Session 1C <i>Occupational Exposures</i>
		Taryn McKnight, <i>Eurofins</i> “Analytical Tools: The Basis for Chemical Forensics” Trever Schwichtenberg, <i>Newfields</i> “On the State of PFAS Forensics” Elizabeth Denly, <i>TRC</i> “PFAS Source Identification: Tips for Forensics Evaluations” Moderator: Mike Penzone, <i>Delaware DNREC</i>		Jennifer Harfmann, <i>New Hampshire DES</i> “Presence of PFAS in Domestic Wastewater and Potential Sources” Logan Hayes, <i>California DTSC</i> “Cosmetics Contribute to Perfluoroalkyl and Polyfluoroalkyl Substances (PFASs) at Wastewater Treatment Plants in California’s Dense Urban Environments” Brittany O'Brien-Drake & Jasmine Stefansky, <i>New York State DEC</i> “The Connection Between Septic Systems & Water Supply Well Impacts” Moderator: Zack Smith, <i>Verdantas</i>	Miriam Calkins, <i>CDC/NIOSH</i> “A Review of PFAS in the Occupational Environmental – Historic Trends and Recent Advancements” Abimbola Ojo, <i>UMass Lowell</i> “Polyfluoroalkyl Chemicals and Occupation: Data from the National Health and Nutrition Examination Survey” Katherine Lubina, <i>Rutgers University</i> “PFAS Serum Concentrations Among New Jersey-Based Volunteer Firefighters and New Jersey Adults” Moderator: Mary Butow, <i>New Hampshire DES</i>
		12:30 PM – 2:00 PM	Lunch Buffet (Included)		
	2:00 PM – 3:30 PM	Session 2A <i>Landfill Leachate Studies</i>	Session 2B <i>Soil Background & Sampling</i>	Session 2C <i>Toxicology & Risk Assessment</i>	Session 2D <i>Field Screening Options</i>
Bharat Chandramouli, <i>SGS</i> “PFAS in Washington Landfill Leachate: Occurrence, Transformation and Source Attribution”		Amy Rosenstein, <i>USACE – New England District</i> “Background PFAS Concentrations in Soil and Sediment – An Overview with a Focus on the Northeast”	Greylin Nielsen, <i>MassDEP</i> “Development of Toxicity and Drinking Water Values for Perfluoroheptanoic Acid (PFHpA)”	King Wang, <i>2Witech Solutions LLC</i> “Rapid Field Trace Detection of PFAS in Water”	

	Exhibits & Posters Open All Day	Session 2A (Continued) <i>Landfill Leachate Studies</i>	Session 2B (Continued) <i>Soil Background & Sampling</i>	Session 2C (Continued) <i>Toxicology & Risk Assessment</i>	Session 2D (Continued) <i>Field Screening Options</i>	
		Michael O'Connor, Maine DEP “Summary of PFAS Results at Maine Landfills”	Chris Evans, Maine DEP “Results from a Pilot Study to Sample Farm Fields with a History of Biosolids Application using Incremental Sampling Methodology to Obtain a More Robust Fieldwide Average Soil Concentration for PFAS”	Meghan Lynch, Abt Associates “Calibration and Evaluation of PFAS Toxicokinetics and Implementation in a Community-facing Tool to Estimate Individual Serum Levels”	Robert Mayall, FREDsense “Rapid Biosensors as a Screening Tool for the Detection of PFAS Species in Environmental Samples”	
		Taryn McKnight, Eurofins “City-scale Impacts of PFAS from Normal and Elevated Temperature Landfill Leachates on Wastewater Treatment Plant Influent”	Dorin Bogdan, AECOM “Multiple Sampling Methods for Evaluation of PFAS in Soils on Agricultural Fields in Michigan”	Cheryl Fields & Xun Che, Connecticut DPH “CT DPH Drinking Water Action Levels for Six PFAS Set July 2023”	Elizabeth Wessling, Weston Solutions “Is Screening for PFAS Really Possible?”	
		<u>Moderator:</u> Jennifer Lichtensteiger, NEIWPCC	<u>Moderator:</u> Kelly O’Connell, Casella	<u>Moderator:</u> Laurel Schaidler, Silent Spring Institute	<u>Moderator:</u> Duncan Pfaehler, Maine DACF	
3:30 PM – 4:00 PM		Networking Break & Refreshments				
4:00 PM – 5:30 PM		Session 3A <i>Destruction Technologies – Part 1</i>	Session 3B <i>Farm, Fish & Wildlife Impacts</i>		Session 3C <i>Communities & Risk Communication</i>	
		Lauren March, Arcadis “PFAS Destruction: A Discussion of Emerging Technologies Aimed at Destroying Fluorinated Organics”	Richard Kersbergen, Maine DACF “Mitigation Strategies for Dairy Farms Impacted by PFOS Contamination: A Case Study of an Organic Dairy Farm in Maine”		Wendy Heiger-Bernays, Boston University SPH “Risk/Health Communication is Harder than it Looks”	
		Steven Woodard, ECT2 “Destruction of PFAS in IX Still Bottoms and Foamate: Pairing Specific Technologies for Efficient Closed Loop PFAS Treatment”	Breana Bennett, Maine CDC “Fish and Game Impacted by Historic Land Application of Biosolids in Fairfield, Maine”		Claire Nitsche, Washington State DOH “Meeting to Listen: Case Study of a Community Engagement Model for PFAS-Impacted Areas”	
		John Xiong, Haley & Aldrich “Destruction of PFAS Using an Innovative Advanced Reduction Process”	Katherine Pochini & Katryn Williams, New York State DEC “Dimensions of PFAS Contamination and Assessment of Ecological Impact on Aquatic Resources in New York State”		Laurel Schaidler, Silent Spring Institute “PFAS Exchange – An Innovative Online Resource Center to Educate and Empower PFAS-Impacted Communities”	
		<u>Moderator:</u> Jeremiah Duncan, GZA GeoEnvironmental, Inc.	<u>Moderator:</u> Molly King, Maine DEP		<u>Moderator:</u> Caredwen Foley, Massachusetts OTA	
5:30 PM – 7:00 PM	Reception – Sponsored by GZA GeoEnvironmental, Weston Solutions, & AdvaMed					

Wednesday, April 3, 2024

8:00 AM – 5:00 PM	Registration				
8:00 AM – 8:30 AM	Continental Breakfast				
8:30 AM – 10:00 AM	Exhibits & Posters Open	Session 4A <i>AFFF Transition Issues</i>	Session 4B <i>Analytical Considerations</i>	Session 4C <i>Air Impacts</i>	
		Ian Ross, CDM Smith “State of the Science: Firefighting Foam Transition Challenges and Solutions” Sean Smith, Washington Department of Ecology “Analysis of the Disposal of PFAS Firefighting Foam on Public Health and the Environment: Lessons Learned and Recommendations for Other Disposal Programs” Dhimiter Bello, UMass Lowell “Thermal Degradation Behavior of Conventional and Replacement Firefighting Foams” <u>Moderator:</u> Meghan Lally, Connecticut DEEP	Elizabeth Denly, TRC “PFAS Analyses of Aqueous Samples Containing Suspended Solids – As If We Didn’t Have Enough Issues” Jean Van Buren, U.S. EPA “Targeted and Non-Targeted Analytical Methods for PFAS Detection and Quantification in Environmental Matrices” Greg Toffoli, New Jersey DEP “Adsorption of PFAS When Using the Synthetic Precipitation Leaching Procedure (SPLP)” <u>Moderator:</u> Linda Gaines, U.S. EPA	Katherine Wieck, UNH “Occurrence of Atmospherically Deposited PFAS in the Great Bay Watershed, New Hampshire” Dan Bryant, Woodard & Curran “It’s Raining PFAS: Influence of Precipitation Formation Mechanisms and Local and Regional Sources on PFAS Background Concentrations in Massachusetts Rainfall” Melissa Woodward, URI “In and Outdoor Passive Sampling of Atmospheric PFAS” <u>Moderator:</u> Barbara Morin, NESCAUM	
10:00 AM – 10:30 AM		Networking Break & Refreshments			
10:30 AM – 12:00 PM		Session 5A <i>Water Treatment</i>	Session 5B <i>Advancing Field & Laboratory Analysis</i>	Session 5C <i>Policy & Legislation – Part 1</i>	Session 5D <i>Evaluation & Modeling</i>
		Philip Farina, Clear Creek Systems “PFAS Treatment: What to Do Before You Do It” Baxter Miatke, Arcadis “What a Waste! The Role of Innovative PFAS Treatment Technologies for Managing PFAS Waste from Water Treatment Systems” Nadine Demers, Vermont DEC “PFAS Drinking Water Treatment Efficacy Study – An Evaluation of GAC Media Lifespan to Optimize Treatment Design and Operational Requirements” <u>Moderator:</u> Lisa Kammer, Weston Solutions	Dora Chiang, WSP “Total and Target PFAS Analysis of Spent PFAS-Laden Solid Media” Susie Genualdi, U.S. FDA “Assessment of Advanced Analytical Instruments to Reach Required Limits of Quantification for PFAS in Foods” Bharat Chandramouli, SGS “Making Sense of Ultrashort PFAS: Relevance, Measurement and Occurrence” <u>Moderator:</u> Thomas Simones, Maine CDC	Nick Nigro, Pace Analytical Services, LLC “PFAS in Consumer and Related Products – Current Technical and Regulatory Update [ASTM F15.81 Update]” Melissa Lavoie, NEWMOA “NEWMOA Model Legislation” Michael Belliveau, Defend Our Health “PFAS in Products Sold in Maine - An Analysis of Early Data Reported by Manufacturers” <u>Moderator:</u> Michele McCaughey, Rhode Island DEM	Chris Evans, Maine DEP “Results from an Evaluation of Soils and Shallow Groundwater at Fields with a History of Land Application to Support Evaluation of PFAS Leaching to Groundwater” Caitlin Johnson, Geosyntec Consultants “Modeling PFAS Bioaccumulation in Aquatic Ecosystems” Amy Quintin, WSP “PFAS in Chicken Eggs Near Contaminated Sites: Modeled vs. Measured Data” <u>Moderator:</u> Tracy Kelly, Maine DEP

12:00 PM – 1:30 PM	Exhibits & Posters Open All Day	Lunch Buffet (Included)			
1:30 PM – 3:00 PM		Session 6A <i>Forensics – Part 2</i>	Session 6B <i>Wastewater Treatment System Investigations</i>	Session 6C <i>Destruction & Disposal</i>	Session 6D <i>Human Exposure Studies</i>
		Michael Bock , <i>TIG Environmental</i> “Understanding Processes that Alter PFAS Profiles”	Ping Wang , <i>Delaware DNREC</i> “PFAS in Wastewater and Impacts from Land Surface Discharges”	Micah Blate , <i>Hazen & Sawyer</i> “PFAS in Biosolids: Can It Be Broken? An Update on Two WRF Projects”	Kathryn Crawford , <i>Middlebury College</i> “Evaluating PFAS Exposure from Fluorinated Waxes Among U.S. Snow Sport Participants”
		Matthew Dunn , <i>RPS Group/Tetra Tech</i> “PFAS Alternatives Require Consideration of New Pathways and Potential Consequences”	Brett Goodrich , <i>Maine DEP & Steve Knollmeyer</i> , <i>Pace Analytical</i> “Wastewater Effluent PFAS Monitoring for Public and Private Dischargers in Maine with EPA Method 1633/537.1 Comparison”	Bill Dawson , <i>Buckeye Fluid Solutions</i> “Underground Injection - Proven, Safe and Reliable Wastewater Disposal Technology”	Emily Pennoyer , <i>Boston University SPH</i> “Source Attribution of PFAS Measured in Serum from California Residents 2018-2020”
		Michael Kanarek , <i>Weston Solutions</i> “Identifying and Understanding Multiple PFAS Plumes at an Airport”	Sarah Jakositz , <i>CDM Smith</i> “Down the Drain: An Investigation of Per- and Polyfluoroalkyl Substances in an Island Community’s Wastewater Collection System”	Annielu DeWitt , <i>Clean Harbors Environmental Services</i> “PFAS Treatment and Disposal Decision-Making in the Face of Many Unknowns”	Yuting Wang , <i>Dartmouth College</i> “Dietary Intake During Pregnancy and PFAS Concentrations in Maternal Plasma and Human Milk in the New Hampshire Birth Cohort Study (NHBCS)”
		<u>Moderator</u> : Anthony Bollasina, <i>New York State DEC</i>	<u>Moderator</u> : Nasim Pica, <i>Weston Solutions</i>	<u>Moderator</u> : Richard Spiese, <i>Vermont DEC</i>	<u>Moderator</u> : Mary Butow, <i>New Hampshire DES</i>
3:00 PM – 3:30 PM		Networking Break & Refreshments			
3:30 AM – 5:00 PM		Session 7A <i>Landfill Leachate Treatment</i>	Session 7B <i>Backyard & Farm Food Supply Impacts</i>	Session 7C <i>Impacted Communities</i>	
		Andrew Punsoni , <i>Allonnia</i> “Bench, Field Pilot, and Booster Testing of PFAS Treatment Using SAFF”	Andy Smith , <i>Maine CDC</i> “Home-Raised Chicken Egg PFAS Testing and Exploratory Evaluation of Water and Soil Exposure Pathways”	Page Hingst , <i>Santee Sioux Nation</i> “PFAS as an Injustice to Tribal Communities”	
		Rick Gillespie , <i>Revive Environmental</i> “Advanced Techniques for PFAS Management in Landfill Leachate: Foam Fractionation and SCWO Case Studies”	Duncan Pfaehler , <i>Maine DACF</i> “Investigating Uptake of PFOS in Vegetables on Farms in Maine”	Nia Clements , <i>Cornell University</i> “Evaluating PFAS Exposure Association with Sociodemographic Vulnerability in New York State”	
		Mike Ditton , <i>Heartland Water Technology</i> “PFAS Separation and Concentration Through Leachate Evaporation”	Jonathan Petali , <i>New Hampshire DES</i> “PFAS in Backyard Produce: A Pilot Study Investigating Impacts of Water, Soil and Biosolids”	Laurene Allen , <i>Merrimack Citizens for Clean Water</i> “Data Gaps and Information Needs from the Impacted Community Perspective”	
		<u>Moderator</u> : Michael O’Connor, <i>Maine DEP</i>	<u>Moderator</u> : Linda Gaines, <i>U.S. EPA</i>	<u>Moderator</u> : Mike Penzone, <i>Delaware DNREC</i>	

Thursday, April 4, 2024

8:00 AM – 12:00 PM	Registration				
8:00 AM – 8:30 AM	Continental Breakfast				
8:30 AM – 10:00 AM	Exhibits & Posters Open	Session 8A <i>Thermal Technologies</i>	Session 8B <i>Biosolids Management</i>	Session 8C <i>Policy & Legislation – Part 2</i>	
		Gorm Heron, TRS Group “Thermal Desorption of PFAS-Containing Soil: Lessons Learned at In-Situ & Ex-Situ Implementations” Martin O'Brien, Calgon Carbon “Thermal Destruction of PFAS During Full-Scale Reactivation of PFAS-Laden Granular Activated Carbon” Robert Martin, Clean Earth “Developments in the Remediation of PFAS Contaminated Soil by Thermal Desorption” <u>Moderator:</u> Sue Bator, <i>GeoEngineers</i>	Eamon Twohig, Vermont DEC “How Vermont is Managing Biosolids in the Face of PFAS” Eric Spargimino, CDM Smith “Lifecycle of Destruction Technologies in Wastewater and Sludge Over the Past 5 Years” Todd Williams, Jacobs “Impact of Several Biosolids Stabilization Technologies on PFAS” <u>Moderator:</u> Anthony Drouin, <i>New Hampshire DES</i>	Linda Gaines, U.S. EPA “Occurrence of Atmospherically Deposited PFAS in the Great Bay Watershed, New Hampshire” Paul Napoli & Coral Odier-Rivera, Napoli Shkolnik “PFAS Litigation Landscape: Navigating State and Federal Policies for a Safer Future” Tracy Kelly, Maine DEP “Maine’s Approach to Investigating PFAS-Successes and Lessons Learned” <u>Moderator:</u> Lisa Kammer, <i>Weston Solutions</i>	
10:00 AM – 10:30 AM		Networking Break & Refreshments			
10:30 AM – 12:00 PM		Session 9A <i>Case Studies of Impacted Sites</i>	Session 9B <i>Advancements in Analytical Methods</i>	Session 9C <i>Fish Studies</i>	Session 9D <i>Medical & Energy Uses</i>
	Richard Desrosiers, GZA GeoEnvironmental, Inc. “Soil, Groundwater and Surface Water PFAS Treatment at an AFFF Application Site” Thomas Cambareri, Sole Source Consulting, LLC “Historical Reconstruction of PFAS Exposures from AFFF-Contaminated Public Supply Wells in Hyannis, MA” Jaana Pietari, Ramboll “Case Study of Management of PFAS Impacts at a Fluoropolymer Application Site” <u>Moderator:</u> Rose Sinclair, <i>Casella</i>	Kurt Pennell, Brown University “Analytical Methods for Effluent Samples Collected During Thermal Treatment of PFAS Impacted Soil” Alicia Stell, CEM Corporation “Rapid, Efficient and High-Throughput Extraction Method of PFAS from Soil” Rock Vitale, Environmental Standards, Inc. “Performing Quantitative PFAS Analysis by Speciated and Non-Speciated Methods in Complex Matrices – Understanding and Addressing the Challenges” <u>Moderator:</u> Jennifer Lichtensteiger, <i>NEIWPCC</i>	Rebecca DeVries, Eastern Research Group “PFAS in Surface Water and Freshwater Fish from Selected Waterbodies in MA” Tom Danielson, Maine DEP “PFAS: A New Fish Tissue Issue” Heidi Pickard, Harvard University “Accumulation of Perfluoroalkyl Acids and Sulfonamido Precursors in Biota in an AFFF-Impacted Watershed” <u>Moderator:</u> Wendy Heiger-Bernays, <i>Boston University SPH</i>	Chris Kaye, STERIS “PFAS and Medical Devices” Pierce Vatterott, Minneapolis Heart Institute “A Clinician's View of the Role of Fluorinated Polymers in Cardiac Implantable Devices” Liz Harriman & Gabriel Salierno, TURI “The Intersection of Clean Energy and PFAS” <u>Moderator:</u> Roxy Kozyckyj, <i>AdvaMed</i>	

12:00 PM – 1:30 PM	Exhibits & Posters Open	Lunch Buffet (Included)		
1:30 PM – 3:00 PM		Session 10A <i>Adsorption Technologies</i>	Session 10B <i>Agriculture Impacts – A Comprehensive Study in Maine</i>	Session 10C <i>Working with Companies to Reduce Use</i>
		Matt Geary, CETCO “The Versatility of Surface-Modified Clay Adsorbents for PFAS Treatment”	Thomas Simones, Maine CDC “Summary Findings of a Multiyear Study on PFAS Uptake into Grasses and Corn Plants for Livestock Feed Grown on Biosolid-Amended Farm Fields”	Kelsey Klucas, Minnesota TAP “PFAS Source Identification and Reduction Efforts in Minnesota”
		Aswin Kumar Ilango, SUNY Albany “Engineered Biopolymers for Removing Mixtures of Per- and Polyfluoroalkyl Substances from Water”	Barbara Astmann, Maine CDC “A Static Modeling Approach to Understanding the PFOS Soil to Forage to Beef Exposure Pathway”	Heather Tenney, TURI “Massachusetts TURA PFAS Use Information”
		Tao Jiang, SUNY Albany “Graphene-Based Sorbents for PFAS Removal from Aqueous Media”	Antti Mikkonen, Environmental Protection Authority Victoria, Australia “Dynamic PFOS Exposure and Body Burden Models Provide Insights for Livestock Management on PFAS-Impacted Farms”	Anne Tavalire, Michigan EGLE “Reducing PFAS Discharged to Wastewater Treatment Plants: the Michigan Experience”
		<u>Moderator:</u> Richard Desrosiers, GZA GeoEnvironmental, Inc.	<u>Moderator:</u> Andy Smith, Maine CDC	<u>Moderator:</u> Anthony Bollasina, New York State DEC
3:00 PM – 3:30 PM		Networking Break & Refreshments		
3:30 PM – 5:00 PM		Session 11A <i>Destruction Technologies – Part 2</i>	Session 11B <i>Biosolids Treatment</i>	Session 11C <i>PFAS Alternatives</i>
		Louis LeBrun, Axine Water Technologies “Onsite Electrochemical Oxidation for the Destruction of Concentrated PFAS, Pharmaceuticals, and Micropollutants Reduces the Cost, Complexity, and Liability for Many Facilities”	Patrick McKeown, ECT2 “Targeting PFAS at a Regional Wastewater Treatment Plant in the Northeast”	Mark Rossi, Clean Production Action “Safer Alternatives to PFAS: The Case of Reusable Food Packaging, Service Ware, & Cookware”
		Richard Higgins, Onvector LLC “PFAS Destruction by Plasma Vortex in a Closed Loop with Regenerable Ion Exchange Groundwater Treatment”	Jim Henderson, Heartland Water Technology “Ultra-High Temperature Gasification for Biosolids Treatment, PFAS Destruction, & Hydrogen Production”	Eugene Park, New York State Pollution Prevention Institute “Alternatives to PFAS-Fume Suppressants in Chrome Plating”
		Dora Chiang, WSP “Supercritical Water Oxidation for PFAS Waste Destruction”	John Ross, Brown and Caldwell “Some Like It Hot, but PFAS Does Not! Advancing Thermal Destruction of PFAS in Biosolids”	Anila Bello, UMass Lowell “Barriers and Incentives to Adopting Fluorine Free Foam (FFF) Replacement Alternatives in Fire Training Facilities: Results of the First National Survey”
		<u>Moderator:</u> Richard Spiese, Vermont DEC	<u>Moderator:</u> Nasim Pica, Weston Solutions	<u>Moderator:</u> Caredwen Foley, Massachusetts OTA
5:00 PM	Adjourn			