



State Water Resources Control Board

SUBJECT: PERFLUOROALKYL SUBSTANCES (PFAS) ITEM AGENDA

WHEN: March 6, 2019 – 9:30AM

WHERE: CalEPA, 1001 I Street, Sacramento, CA

ROOM: Coastal Hearing Room, Floor 2

| TOPICS | PRESENTERS |
|---|---|
| Introductions & Overview | Board Members |
| US EPA PFAS Action Plan Overview | Corine Li, Manager, Drinking Water Management Section, US EPA Region 9 |
| PerfluorooctaneSulfonate (PFOS) and PerfluorooctanoicAcid (PFOA) at Military Facilities | Richard G. Mach, Jr., Director, Environmental Compliance and Restoration Policy, US Navy |
| PFAS in California, Core Scientific Principles and Policy Recommendations | Anna Reade, Ph.D., Staff Scientist, Natural Resources Defense Council Andria Ventura, Toxics Program Manager, Clean Water Action/Clean Water Fund |
| OEHHA’s Evaluation of PFAS | Melanie A. Marty, Ph.D., Assistant Deputy Director, Scientific Programs, OEHHA |
| DTSC’s Regulatory Actions and Findings | Karl Palmer, Chief, Safer Consumer Products Branch, DTSC |
| California’s Regulatory Authorities and Development of a Multi-media PFAS Action Plan | Jane Williams, Executive Director, California Communities Against Toxics |
| Water Boards Phased Investigation Plan | Darrin Polhemus, SWRCB, Deputy Director of Division of Drinking Water Shahla Farahnak, SWRCB, Assistant Deputy Director of Division of Water Quality |
| Public Forum/Comments | |

BIOGRAPHIES

PFAS INFORMATIONAL ITEM – MARCH 6, 2019 CALIFORNIA STATE WATER RESOURCES CONTROL BOARD



Corine Li, P.E., US Environmental Protection Agency

Corine manages an office responsible for oversight of drinking water programs in the US EPA, Region 9 Pacific Southwest Region. In her capacity, she works on national policies and directs regional resources to assure the delivery of safe drinking water. Her office is responsible for overseeing authorized drinking water programs in Arizona, California, Hawaii, Nevada, the Navajo Nation and the outer Pacific islands of American Samoa, the Commonwealth of the Northern Marianas and Guam. She also works closely with the Region 9 office responsible for water systems in the 147 federally recognized Native American Tribes to ensure compliance with SDWA requirements. She is the management lead for the Region 9 Water Emergency Response Team for providing assistance to states, tribes, and utilities.

She is a registered professional civil engineer in the State of CA and has been with USEPA Region 9 for over 30 years.



Richard G Mach, Jr., US Navy

Richard is the Director of Environmental Compliance and Restoration Policy in the Office of the Assistant Secretary of the Navy (Energy, Installations, and Environment). Richard has over 27 years of environmental experience working for the Navy. He has held this position since April 2006, acting as a principal policy advisor for the Navy and Marine Corps on environmental programs, including compliance with environmental laws and regulations, cleanup of contaminated sites, and programs for pollution prevention and sustainability.

Richard holds a Bachelor in Mechanical Engineering degree from Villanova University and a Master's in Public Administration from American University.



Anna Reade, Ph.D., Natural Resources Defense Council (NRDC)

Anna is a staff scientist at NRDC, a nationally-based environmental action group founded in 1970. She works to reduce and eliminate harmful exposures to toxic chemicals for the safety of people and the environment. Her work focuses on understanding the health impacts of PFAS chemicals and promoting health protective policies. For further information on her scope of work, please refer to her expert page at <https://www.nrdc.org/experts/anna-reade>. Prior to joining NRDC, she worked in the California State Senate as a Policy Fellow with the California Council on Science and Technology. Anna holds a bachelor's degree in cell and developmental biology from the UC Santa Barbara, and a PhD in developmental biology from the UC San Francisco, where she was a National Science Foundation Graduate Research Fellow.

BIOGRAPHIES

PFAS Informational Item – March 6, 2019

California State Water Resources Control Board



[Andria Ventura, Clean Water Action/Clean Water Fund](#)

Andria is the Toxics Program Manager at Clean Water Action/Clean Water Fund, a nationally-based environmental action group founded in 1972 during the passing of the Clean Water Act. Andria left a corporate career in publishing in 1995 to work for Clean Water Action. She represents Clean Water Action as a member of SAFER, a national coalition working on chemical policy reform. She also is a member of the BizNGO Policy Work

Group, the mission of which is to promote the creation and adoption of safer chemicals and sustainable materials amongst business and environmental leaders. She oversees TMDL (Total Maximum Daily Load), drinking water contaminants, and chemical policy programs at Clean Water Action.

Andria has a B.A. in history from U.C. Santa Barbara and did graduate work on immigration history at Utah State University.

[Melanie Marty, Ph.D., Office of Environmental Health Hazard Assessment \(OEHHA\)](#)

Melanie is the Assistant Deputy Director of Scientific Programs at OEHHA. She was appointed as OEHHA's Acting Deputy Director for Scientific Affairs in May, 2015. Dr. Marty oversees the office's science division and provides scientific technical review of documents from all OEHHA programs. She has been at OEHHA since its inception in 1991. She previously served as Assistant Deputy Director for Scientific Affairs and Branch Chief of the Air Toxicology and Epidemiology Branch. Dr. Marty is also an Adjunct Assistant Professor at the University of California, Davis, Department of Environmental Toxicology.

She received her Ph.D. from the University of California, Davis in Pharmacology and Toxicology.



[Karl Palmer, Department of Toxics Substances Control \(DTSC\)](#)

Karl works in the DTSC's Safer Products and Workplaces Program where he is responsible for DTSC's efforts to implement the department's Safer Consumer Products regulations. Karl's team also administers DTSC's other toxics in products laws and supports green chemistry strategies and initiatives throughout California.

Prior to his current job, Karl lead DTSC's Regulatory and Program Development Branch, providing technical support and policy development and adopting regulations for hazardous waste classification, recycling, household hazardous waste, electronic waste and universal wastes. Mr. Palmer has worked in each of DTSC's core programs performing a wide variety of work including site assessments of hazardous waste sites, conducting investigations at state superfund sites, cleaning up former methamphetamine labs and coordinating HAZMAT support at major chemical spills and natural disasters.

Mr. Palmer holds a B.S. in Resource Sciences from the University of California, Davis.

BIOGRAPHIES

PFAS Informational Item – March 6, 2019

California State Water Resources Control Board

[Jane Williams, California Communities Against Toxics \(CCAT\)](#)

Jane is the Executive Director at CCAT, a network of local environmental justice groups in California. CCAT's mission is to protect communities from industrial pollutants. Jane is a passionate organizer of communities to fight the building of facilities that would pollute their environment, such as incinerators, landfills, nuclear waste dumps, and industrial plants.

Jane has also served on a number of federal and state advisory committees that study the effects of toxic chemicals on children and public health.

[Darrin Polhemus, State Water Resources Control Board \(State Water Board\)](#)

Darrin is the Deputy Director of Division of Drinking Water at the State Water Board.

[Shahla Farahnak, State Water Board](#)

Shahla is the Assistant Deputy Director of Division of Water Quality at the State Water Board.