

2019 Industrial Pretreatment Seminar Agenda

7:30-8:30 Registration/Breakfast and Opening Remarks

8:30-9:15 DNR Update - Bob Liska (WDNR)

9:15-9:45 The Pretreatment Program and the New Management Standards for Hazardous Waste Pharmaceuticals – Jodie Opie and Newton Ellens (EPA Region 5)

EPA published the final rule, titled, “Management Standards for Hazardous Waste Pharmaceuticals and Amendment to the P075 Listing for Nicotine” in the *Federal Register* on February 22, 2019. This final rule prohibits all healthcare facilities and reverse distributors from discharging any hazardous waste pharmaceuticals to a sewer system that passes through to a POTW. What this rule means for a POTW and their pretreatment program will be discussed.

9:45-10:00 Break

10:00- 10:45 Explosive and Toxic Gases in Wastewater Treatment Systems - Christopher Hohol (Company Fire & Industrial Response Enterprises, LLC)

The presentation will review the primary and secondary hazards associated with explosive and toxic gas failures at WWTP systems. Several Case studies will be reviewed which will discuss critical failure points and mitigation so these incidents do not happen at your facility.

10:45-11:45 Small Group breakout- Topics will vary (5-10 people in each – committee members to run discussion in each group)

11:45-12:45 Lunch

12:45-1:15 General overview of Sanimax’s production facility and treatment systems - Dennis Berceau and Erik Adkins (Sanimax)

1:15-2:15 Nickel Dialysis; Reducing the Nickel Waste - Josh Haese and Bill Richer (Pioneer Metal Finishing)

With diffusion dialysis focused on targeting the element Ni, Pioneer has reduced the amount of Nickel in their waste water stream and by-product. 40% of our waste cost was cut out using the current dialysis unit. Pioneer will be looking to go all green in 2020 with the addition of more dialysis units so that no Nickel bath is sent out as waste again.

2:15-2:30 Break

2:30-3:30 PFAS Overview

3:30-4:00 Roundtable