

12/10/2019

Webinar Title: *Optimizing Performance of Facultative Wastewater Lagoon Systems Part 1 of 2*

February 19, 2020 (1-2:30 Eastern)

Registration: <https://attendee.gotowebinar.com/register/111251188694335500>

Webinar Title: *Optimizing Performance of Aerated Wastewater Lagoon Systems Part 2 of 2*

March 18, 2020 (1-2:30 Eastern)

Registration: <https://attendee.gotowebinar.com/register/1941249754662402572>

Cost: FREE

Audience: Wastewater Treatment Plant Operators, Clean Water Act National Pollutant Discharge Elimination System (NPDES) technical assistance providers, permit writers and compliance staff from states, tribes and US EPA. While all plant operators may find this useful, it is geared more toward smaller systems with flow of less than 1 million gallons per day.

Presenter: Steve Harris, President H&S Environmental, LLC who is working under a grant with the Environmental Finance Center – US EPA Region 8. **US EPA NPDES Expert Q&A Support:** Michael Tate, PE, EPA Region 7 Water Division, Permits & Loans Branch; Louis Salguero EPA Region 4's Municipal Compliance Assistance Section.

Description: US EPA is presenting a series of technical assistance webinars to highlight best practices for optimizing performance at small wastewater treatment lagoons. This training is for wastewater lagoon owners and operators and is presented by Steve Harris, President H&S Environmental, LLC. These webinars will cover methods, techniques, and strategies operators can use to get more BOD₅ reduction, better TSS removal, odor control, sludge reduction, nutrient removal, and how to get more years of dependable service out of the lagoon system the community is currently using. We will present case studies of “how to” solutions to make lagoon operators more effective at their jobs. Attendees will learn how to fine-tune their systems using relatively simple process control tools and methods in order to optimize performance and return their system to compliance. Attendees will be able to ask questions via a chat box.

References: To get the most benefit from the Webinar, which will be fast paced and covering a lot of topics, attendees are encouraged to review these background materials.

<https://www.rcap.org/resource/wastewater-lagoon-basics/> 56 minutes webinar

<https://www.rcap.org/resource/wastewater-lagoon-troubleshooting/> 61 minutes webinar

[EPA - Wastewater Technology Fact Sheet Facultative Lagoons](#) (4 pages)

[EPA - Wastewater Technology Fact Sheet Aerated, Partial Mix Lagoons](#)
(<https://www3.epa.gov/npdes/pubs/apartlag.pdf>) (5 pages)

Principles of Design and Operations of Wastewater Treatment Pond Systems for Plant Operators, Engineers, and Managers <https://www.epa.gov/nutrient-policy-data/principles-design-and-operations-wastewater-treatment-pond-systems-plant> (see Appendix E for Troubleshooting)

Sponsors: U.S. EPA's Office of Compliance and the US EPA-Authorized State Reducing SNC with NPDES Permits National Compliance Initiative (NCI) Workgroup. **Contacts:** Seth Heminway - heminway.seth@epa.gov, Peter Bahor - bahor.peter@epa.gov; Laura Paradise – paradise.laura@epa.gov
More information: Website under development

Promotion: E-mails to: EPA and state (by EPA Regions) NPDES compliance/enforcement program staff, Regions, attendees registered for prior webinars and the Fed/State SNC NCI Workgroup – who will forward to systems in noncompliance. The Association of Clean Water Administrators (ACWA), National Rural Water Association and Rural Community Assistance Partnership will distribute webinar information to their association members.