

Oregon Parks and Recreation Department
Water Short School 2021
COURSE OUTLINE

The intent of this training, or Water/Wastewater Short School is to provide an opportunity for State Parks employees to obtain training towards certification and continuing education for licenses already held.

We have Park Rangers throughout the state operating various water and wastewater systems. Although complex in many ways, our systems are generally smaller in volume than municipalities or water boards. Since 2013, OPRD has held a similar training to this proposed one every other November. We have found it more relevant and relatable for our staff than many other continuing education offerings.

The proposed Agenda for 2021 reflects the 'sun-setting' of several previous sessions and the addition of other types of topics in demand by field staff.

I have attached a Course Schedule to this review request as well. A course outline follows:

Day 1

- most common water/wastewater plants within State Park System; common issues and remedies roundtable
- how to create sampling plans, when and how to sample; review needed equipment; discuss the process from the 'lab's' perspective
- septic tank inspection (discuss what to look for, field inspection process); what if deficiency?
- Reservoir inspections (what to look for, routine vs. required, preventative, field inspection process)
- Safety in Water/Wastewater: (perform a Job Hazard Analysis, PPE, safety equipment inspection)

Day 2

- Basic Math: (common math needed to operate plants)
- Inspection Preparedness: (Sanitary Conditions Inspection and Survey, DEQ permit Inspections)
- Maintenance Round Robin: through 4 'stations' for hands-on common practices (pipefitting and repair, sewer camera, GPS locator, Reports for water/wastewater plants)

Day 3

- Pump maintenance: issues and remedies when using dosing pumps
- Pump Preventative Maintenance: field practice utilizing best practices and latest equipment
- Tour of Water Production Plant and Wastewater Treatment Plant; discuss challenges/accomplishments

Thank you for your consideration.

Preson Phillips
Internal Maintenance, Projects, and Construction Training Chair (IMPACT)