

# OPRD Water/Wastewater School 2021

## Beverly Beach State Park

November 2 - 4, 2021

Time	Course	CEU's	Description	Instructor	Location
			<b>Tuesday, Nov 2nd</b>		
8 AM-10AM	OPRD Water & Wastewater plants	0.2 W/WW	Welcome – Discussing most common Water & Wastewater plants in OPRD, common issues and remedies roundtable.	Scott Nebeker, PE & Jered Mangini	Meeting Hall
10AM - 12PM	Water and Wastewater Sampling-Plans/Techniques/Equipment	0.2 W/WW	How to create a sampling plan for Water and Wastewater systems. How and when to take samples. Learn in the classroom and go out and take a sample following procedures. Learn how to properly use Chlorine meters, PH readers, Turbidimeters, etc.	Becky Picton (Edge Analytical Labs)	Meeting Hall/Field
12 PM-12:30 PM	Lunch		Lunch Provided		Meeting Hall
12:30 – 2:30	Inspecting & Maintaining Basins – Includes Septic Tanks, Lagoon and Water System Reservoirs	0.2 W/WW	Routine/Required inspections on septic tanks and reservoirs. Learn how to inspect, what to look for, and what to do if you find a deficiency. Learn in the classroom and go through an inspection of a Septic Tank and Reservoir.	Scott Nebeker, PE,	Meeting Hall/Field
2:30-4:30 PM	“Safety” in Water & Wastewater plants	0.2 W/WW	Eye wash station inspections, Safe Chlorine handling practices, Good housekeeping, PPE. Conduct a <b>Job Hazard Assessment</b> of daily tasks in regards to Water and Wastewater operations	Robert Smith, OPRD Safety and Risk	Meeting Hall
		0.8 CEU's	<b>END OF DAY 1</b>		

<b>Wednesday, Nov 3rd</b>					
8 AM-10 AM	Basic Math for Water and Wastewater Systems	0.2 W/WW	Common Math needed to operate Water & Wastewater plants (contact time, flow rates, Pounds formula, etc.)	OAWU Staff, (Bob Waller)	Meeting Hall
10:15-12:15	Inspection Preparedness for Water and Wastewater Systems	0.2 W/WW	Sanitary Conditions Inspection and Survey; How to prepare for Water and Wastewater treatment plant inspections	Amy Bleekman (OHA); Paul Kennedy (DEQ)	Meeting Hall
12:15-12:45	Lunch		Lunch Provided		Meeting Hall
12:45-4:45	Maintenance Round Robin, Water and Wastewater	0.4 W/WW	Rotate through 4 stations @ 60 minutes each: Pipe fitting repairs 1.(HDPE, PVC), 2. (Copper, poly), 3. Sewer Camera and GPS locator use/hacks, 4. Reports for Water and Wastewater Systems	Nick Schoeppner, Brandon Stearns, Randy Copsey, Jim Picolloti	Beverly Beach Shop Yard
		0.8 CEU's	<b>END OF DAY TWO</b>		
<b>Thursday, Nov 4<sup>th</sup></b>					
8AM – 9AM	Chlorine Pump maintenance	0.1 W/WW	Discuss main issues/remedies when utilizing a dosing pump for Chlorine injection (priming, air lock, Chlorine line replacement, etc.)	David Figgins	Meeting Hall
9 AM – 11 AM	Pump preventative maintenance	0.2 W/WW	Pump Preventative Maintenance, Utilizing Bobcat/Jib Crane/Spitz Lift to pull a pump, Use proper Lock out Tag out procedures, perform preventative maintenance	Jim Picolloti	Meeting Hall/Field

