

**City of Portland Bureau of Environmental Services**  
**Operator-In-Training Wastewater Academy**

<b>Week 1</b>	<b>Course Name</b>	Intro to Portland's NPDES Permit	Intro to Portland's SCADA System - iFIX	Intro to Portland's Collection & Pumping
	<b>Course Duration (excludes breaks)</b>	2	2	6
	<b>Course Instructor</b>	Ron Lilienthal, BES	Ron Lilienthal, BES	Ron Lilienthal, BES
	<b>Course Type</b>	Wastewater	Wastewater	Wastewater
<b>Week 2</b>	<b>Course Name</b>	Intro to Portland's TCWTP	Intro to Portland's CBWTP	
	<b>Course Duration (excludes breaks)</b>	6	6	
	<b>Course Instructor</b>	Ron Lilienthal, BES	Ron Lilienthal, BES	
	<b>Course Type</b>	Wastewater	Wastewater	
<b>Week 3</b>	<b>Course Name</b>	Portland's Influent Structure & Pumping	Portland's Headworks	Portland's Wet Weather Screening Facility
	<b>Course Duration (excludes breaks)</b>	2	6	4
	<b>Course Instructor</b>	Ron Lilienthal, BES	Ron Lilienthal, BES	Ron Lilienthal, BES
	<b>Course Type</b>	Wastewater	Wastewater	Wastewater
<b>Week 4</b>	<b>Course Name</b>	Portland's Dry Weather Primary Treatment	Portland's Wet Weather Primary Treatment	
	<b>Course Duration (excludes breaks)</b>	4	6	
	<b>Course Instructor</b>	Ron Lilienthal, BES	Ron Lilienthal, BES	
	<b>Course Type</b>	Wastewater	Wastewater	
<b>Week 5</b>	<b>Course Name</b>	Portland's Secondary Treatment	Portland's Recycle Streams	
	<b>Course Duration (excludes breaks)</b>	6	2	
	<b>Course Instructor</b>	Ron Lilienthal, BES	Ron Lilienthal, BES	
	<b>Course Type</b>	Wastewater	Wastewater	

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Week 6	Course Name	Portland's Chlorination	Portland's Dechlorination	Portland's Outfalls & Discharge
	Course Duration (excludes breaks)	6	4	4
	Course Instructor	Ron Lilienthal, BES	Ron Lilienthal, BES	Ron Lilienthal, BES
	Course Type	Wastewater	Wastewater	Wastewater
Week 7	Course Name	Portland's Solids Thickening	Portland's Solids Dewatering	
	Course Duration (excludes breaks)	6	6	
	Course Instructor	Ron Lilienthal, BES	Ron Lilienthal, BES	
	Course Type	Wastewater	Wastewater	
Week 8	Course Name	Portland's Solids Digestion	Portland's RNG	
	Course Duration (excludes breaks)	6	6	
	Course Instructor	Ron Lilienthal, BES	Ron Lilienthal, BES	
	Course Type	Wastewater	Wastewater	
Week 9	Course Name	Portland's Lagoon	Portland's Stormwater Permit	
	Course Duration (excludes breaks)	4	6	
	Course Instructor	Ron Lilienthal, BES	Ron Lilienthal, BES	
	Course Type	Wastewater	Wastewater	
Week 10	Course Name	Intro to Portland's STEP Construction		
	Course Duration (excludes breaks)	10		
	Course Instructor	Ron Lilienthal, BES		
	Course Type	Wastewater		