

**Coos Bay WWTP 1
Anaerobic Digestion Training Outline**

Remote Session #1	
Time	Topic
10	WWTP design flows and loads.
20	WWTP Plant flow diagram review. Old WWTP1 compared to with additional clarifier and contact basin.
15	Anaerobic digester feed sources and quantities. What has changed?
20	Review plant solids balance. Flows, loading and sources.
Break	
15	Discussion. Why is digester feed important?
15	How to balance digester feed. Why is this important?
15	Digester heating. New boiler operation. Heating operation and temperature management.
10	Digester mixing. Why is mixing important. Discuss mixing options and practices.
120	total time session #1
Onsite Session #2	
Time	Topic
20	Maintaining digester operation. How to monitor and adjust. Discussion on current practices.
20	Data collection. Flows, loads, performance. Review of past performance.
20	Laboratory sampling and analysis. Parameters and what the numbers indicate.
Break	
20	Discussion. Recordkeeping and data analysis.
40	Operating strategies. Two digester operation or single with holding tank. FSL role in operation. When and how to make changes.
120	total time session #2
240	total minutes
4	total hours (4.0 without breaks)
0.40	CEUs pending OESAC approval.