

Presentation Questions for Microplastics in WRRFs: Where They Appear and Where They Disappear by Belinda Sturm

Please use the field below to enter 5 True or False questions that relate to your presentation. Please be sure to indicate in the field the correct answer.

1. Question 1

The majority of microplastics are removed during primary sedimentation in wastewater treatment.

Correct Answer

True

2. Question 2

Most of the microplastics are greater than 100 um, with a smaller fraction less than 100 um.

Correct Answer

False

3. Question 3

Most microplastics entering a WRRF will ultimately be sequestered in the biosolids.

Correct Answer

True

4. Question 4

Microplastic sampling procedures should always include a blank sample, which can be distilled water processed through the same filtration and extraction procedure.

Correct Answer

True

5. Question 5

It is known that stormwater is a minor contributor of microplastics in streams and rivers, compared to wastewater discharges.

Correct Answer

False

Presentation Questions for Updates to ASCE's Clean Water and In-Process Oxygen Transfer Standards by Diego Rosso

Please use the field below to enter 5 True or False questions that relate to your presentation. Please be sure to indicate in the field the correct answer.

1. Question 1

Without correcting for non-conservative N₂, should an oxygen transfer test on a deammonification process be considered invalid?

Correct Answer

True

2. Question 2

Does the current ASCE protocol for in-process oxygen transfer testing consider non-conservative N₂ processes?

Correct Answer

False

3. Question 3

In N₂ gas easy to measure?

Correct Answer

False

4. Question 4

Does the activated sludge process in its nitrification/denitrification layout require correction for non-conservative nitrogen?

Correct Answer

False

5. Question 5

Should future updates of the ASCE standard reflect the need for non-conservative N₂ correction?

Correct Answer

True

Presentation Questions for Utility Financing Demystified (Mid-Agency): North Charleston Sewer District by Phillip Sexton

Please use the field below to enter 5 True or False questions that relate to your presentation. Please be sure to indicate in the field the correct answer.

1. Question 1

North Charleston Sewer District's S&P bond rating is AA+.

Correct Answer

True

2. Question 2

North Charleston Sewer District's 7-year Capital Improvement Program is approximately \$105 million.

Correct Answer

True

3. Question 3

North Charleston Sewer District has approximately 51,000 customers.

Correct Answer

False

4. Question 4

Boeing is one of North Charleston Sewer District's Top 10 customers.

Correct Answer

True

5. Question 5

North Charleston Sewer District is funded through rates alone.

Correct Answer

True

Presentation Questions for The Evolution of a Stormwater Control Project: Protecting Downtown New Haven Against the Rising Flood by Virginia Roach

Please use the field below to enter 5 True or False questions that relate to your presentation. Please be sure to indicate in the field the correct answer.

1. Question 1

The New Haven flood control design accounted for climate change.

Correct Answer

True

2. Question 2

The best flood solution in New Haven was found to be large diameter gravity pipes.

Correct Answer

False

3. Question 3

The current recommended plan is to microtunnel a storage pipe under the Rail Yard and construct a pumping station at the end of the tunnel near the shoreline.

Correct Answer

True

4. Question 4

Although flow diversion is a favorable alternative, no opportunities were recommended to do this.

Correct Answer

False

5. Question 5

All the soils in New Haven are permeable sandy materials.

Correct Answer

False

Presentation Questions for Reducing Chlorides in Wastewater through Drinking Water Treatment by John Graupman

Please use the field below to enter 5 True or False questions that relate to your presentation. Please be sure to indicate in the field the correct answer.

1. Question 1

The chlorides are naturally occurring in the groundwater.

Correct Answer

False

2. Question 2

Wastewater treatment facilities are the primary contributor to surface water chlorides.

Correct Answer

False

3. Question 3

Source reduction for chlorides actually requires hardness reduction for most cities.

Correct Answer

True

4. Question 4

Ion exchange softeners are the primary source of chlorides for this area's wastewater.

Correct Answer

True

5. Question 5

The City of Pipestone's chloride limit was less than 300 mg/L.

Correct Answer

True
