What makes CS management unique?

Collection systems are...
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...the last public utility to be regulated.
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...“open” systems (the only non-pressurized public utility)
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...Designed for collection, not delivery (similar to solid waste industry)
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Collection systems are...

...the last public utility to be regulated.

...“open” systems (the only non-pressurized public utility).

...Designed for *collection*, not *delivery* (similar to solid waste industry).

...Slaves to topography
What makes CS management unique?

Collection systems are…

... biologically dynamic environments.
What makes CS management unique?

Collection systems are...

... biologically dynamic environments.

... handling a non-uniform commodity.
What do all these factors add up to?

1) Collection systems must be preserved as predominantly liquid waste or micro-waste streams.
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2) Manufacturers must pursue research and development paths that preserve collection system and treatment plant integrity.
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1) Collection systems must be preserved as predominantly liquid waste or micro-waste streams.

2) Manufacturers must pursue research and development paths that preserve collection system and treatment plant integrity.

3) Water quality regulation may expand to include solids designs.
Collection System
Utility Characteristics

Thank You!
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