

Collection System Utility Management Characteristics

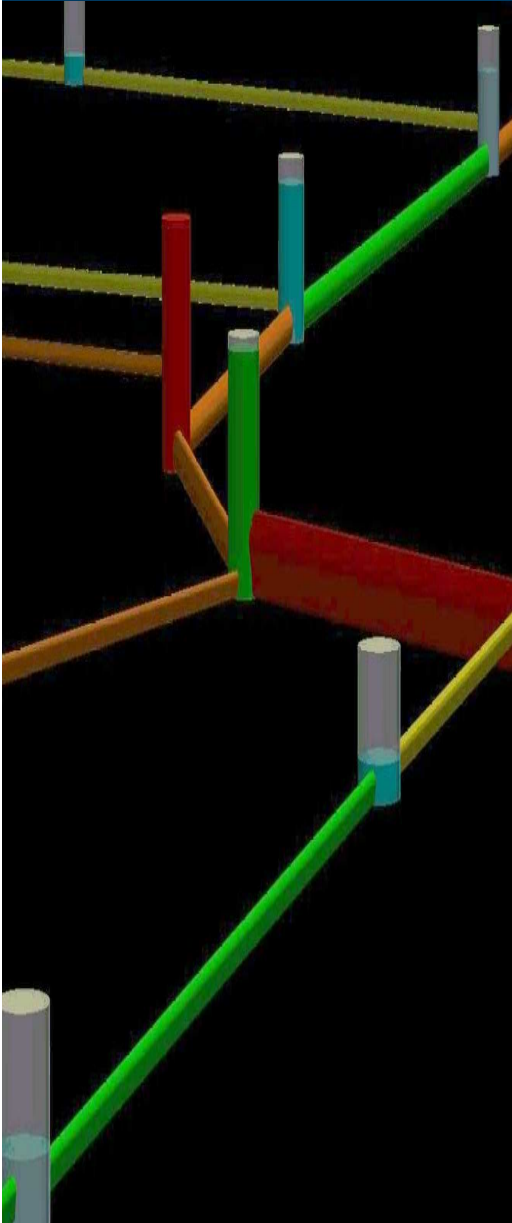
**NACWA Pre-Treatment
Conference – Phoenix
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City of Albany, CA**

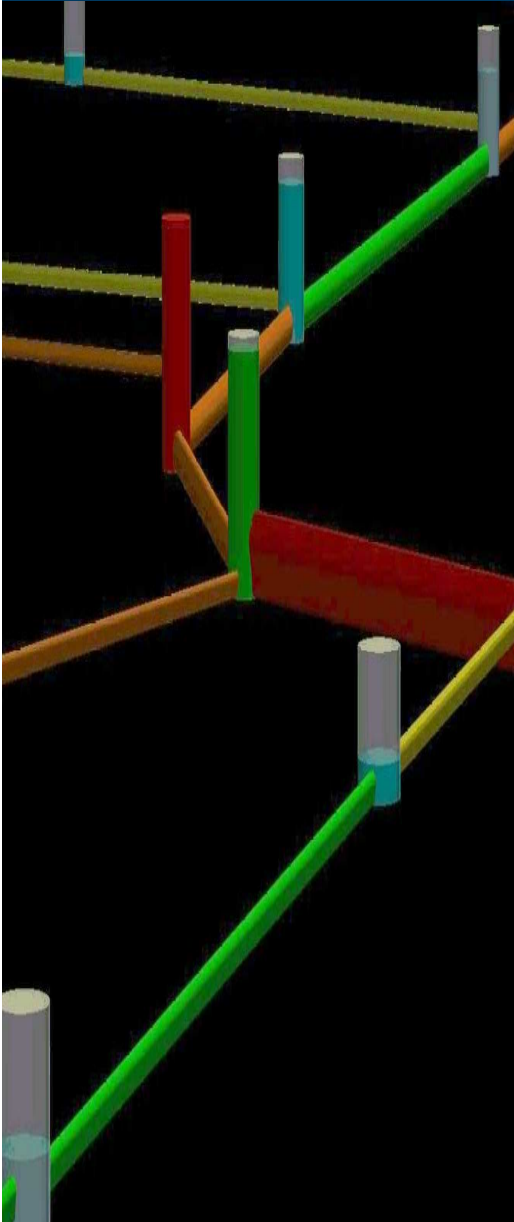
r66rc-wef@yahoo.com

What makes CS management unique?

Collection systems are...

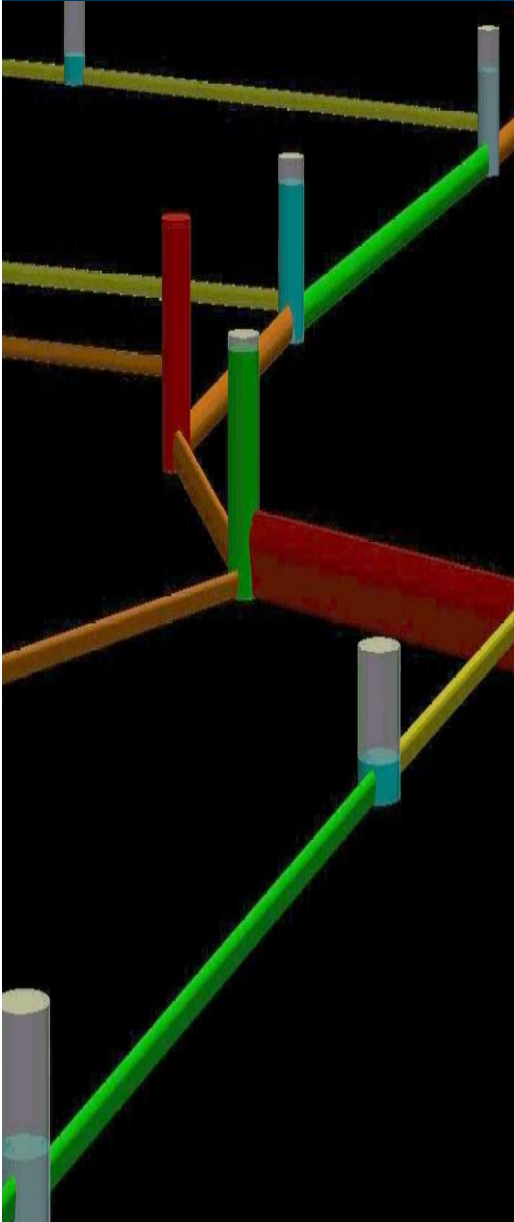


What makes CS management unique?



**Collection systems are...
...the last public utility to be
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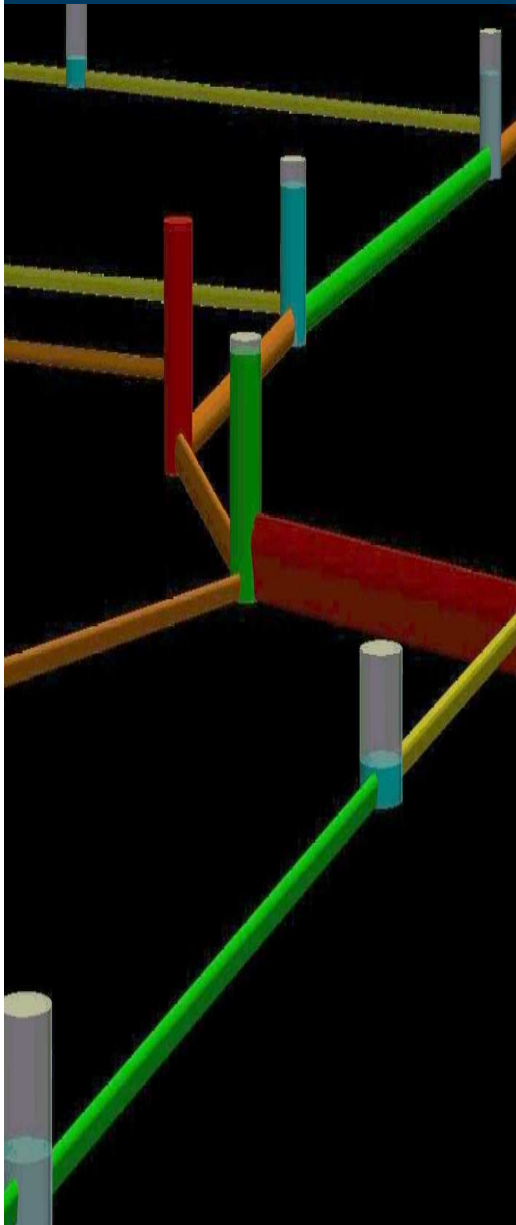


Collection systems are...

...the last public utility to be regulated.

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

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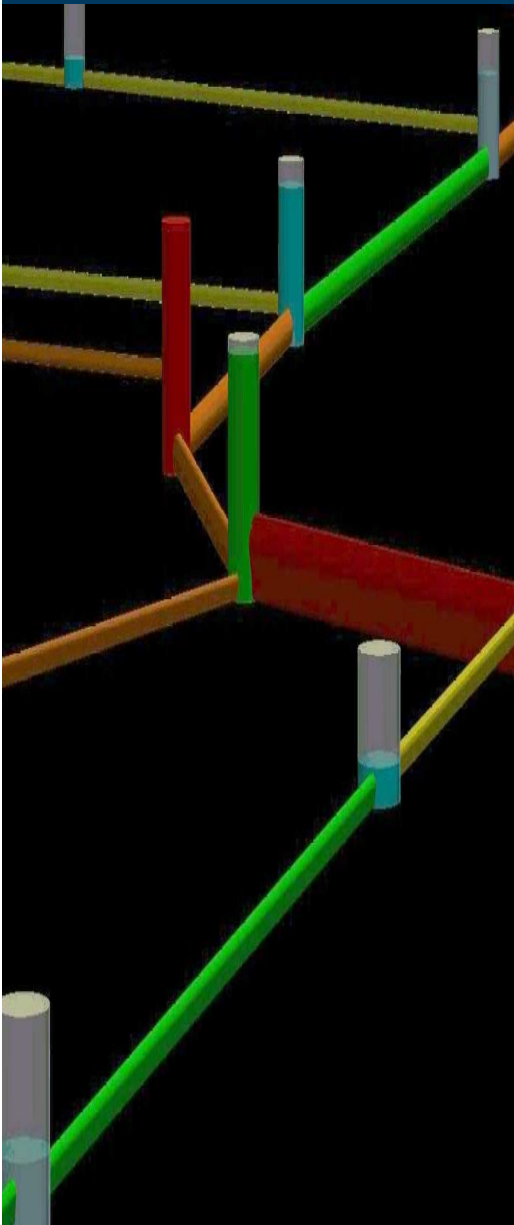
Collection systems are...

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

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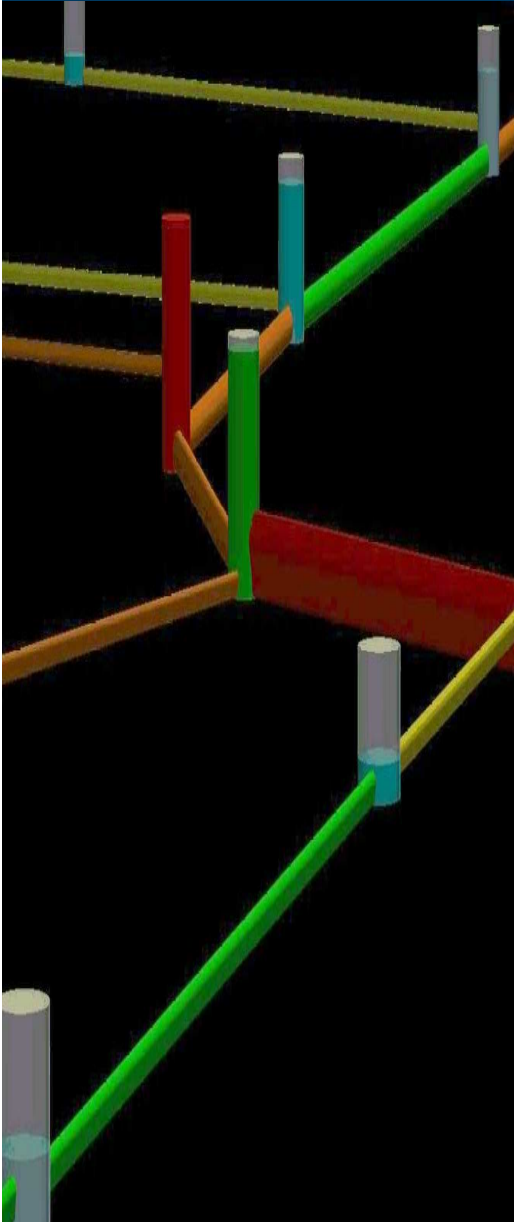
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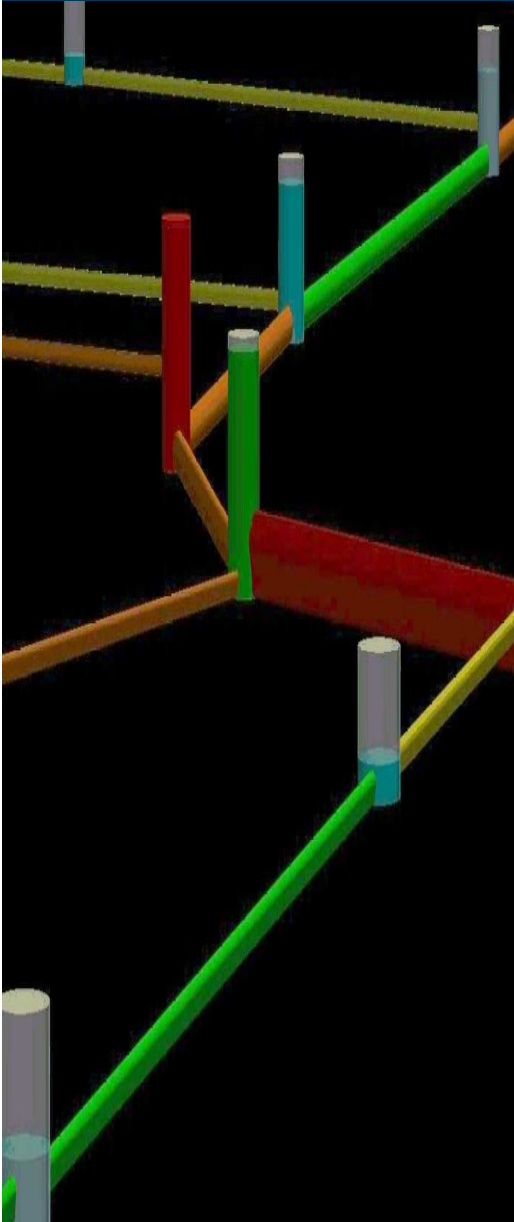
...Slaves to topography

What makes CS management unique?



Collection systems are...
... biologically dynamic environments.

What makes CS management unique?

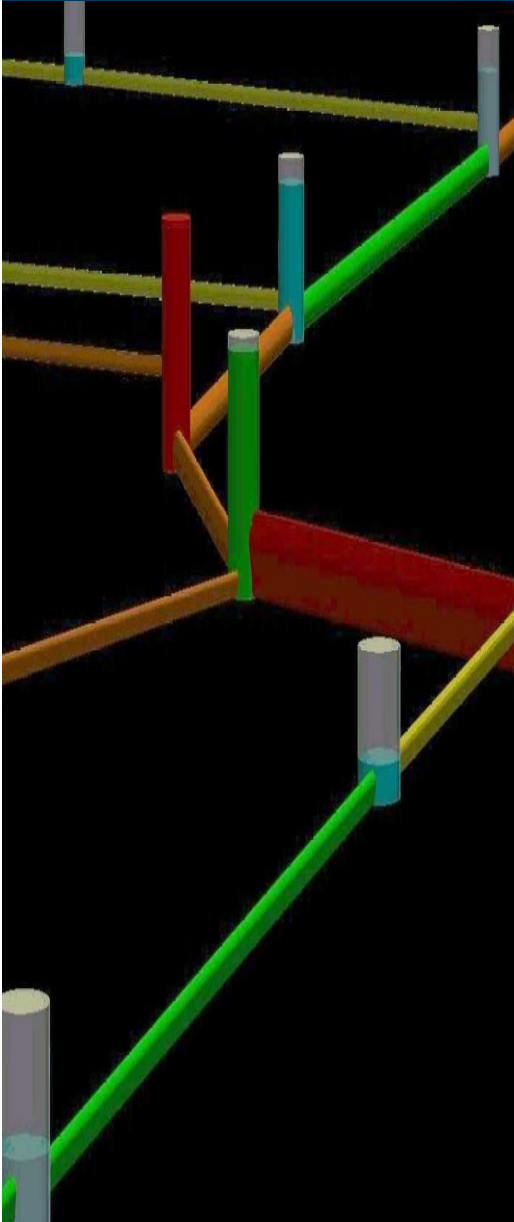


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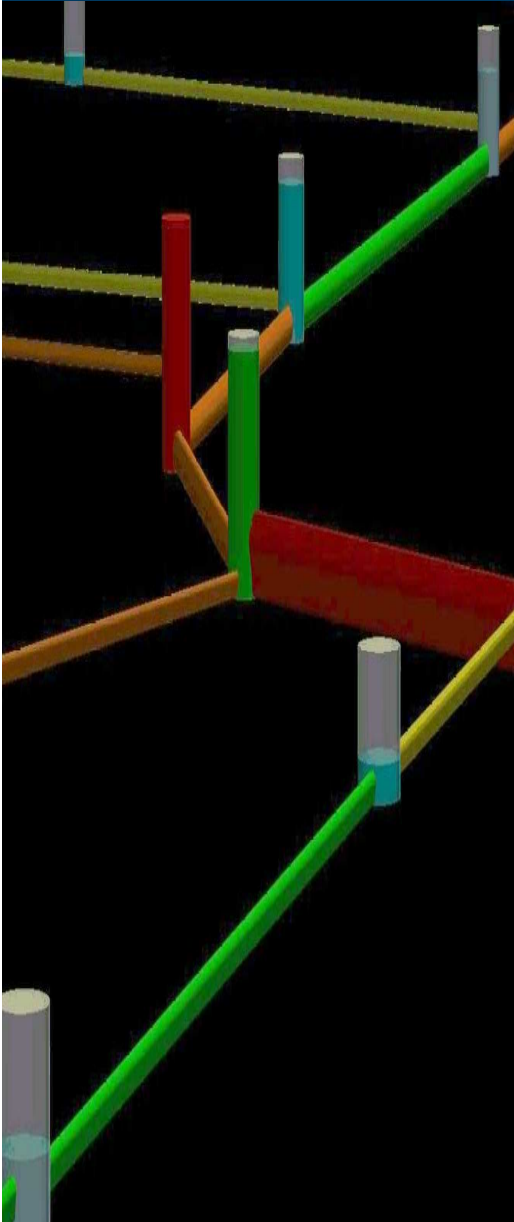
... handling a non-uniform commodity.

What do all these factors add up to?



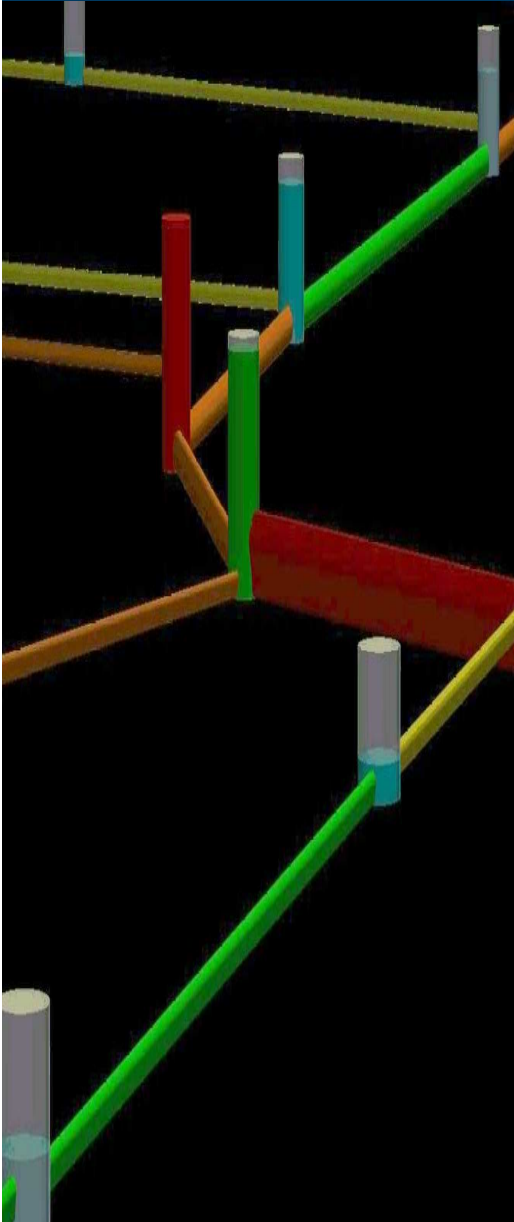
- 1) Collection systems must be preserved as predominantly liquid waste or micro-waste streams.

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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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