

Enhanced wastewater treatment solutions

Presented by:

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Overview

Operating as a contractor in Ontario for 40 years (Aquicon)

Partnership with UK's Plantwork Systems under Aquicon Water

 Delivery and distribution of de Hoxar Spiral Separation technology to Canada



Spiral Technology Overview

- Extremely compact footprint; less than 5% of site area when compared to conventional settlement tanks
- Once covered the volume of air needed to be treated is typically 1% compared to conventional tanks
- Can produce higher sludge density at a constant rate; 5% to 6%
- Ideal solution for efficient extraction of high calorific primary sludge for Anaerobic Digestion as part of utilities CHP programs.





Early Stages and Planning

- Understanding the unique challenges faced by plant operators
- Exploring opportunities beyond primary and secondary settlement
- Recurring themes





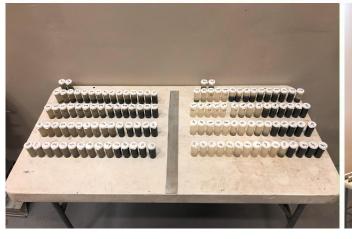
Municipal Collaboration

- Working together to overcome concerns over a large pilot
- Adhering to the site's Environmental Compliance Approval
- Performing testing on various municipal flows
- Identifying the best suitable site for trials
- Assistance with laboratory testing













Pilot Installation and Operation









Future Collaborations & Thank You





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