



Zero Liquid Discharge Pilot Study and Project

- Processing the existing brine so that there is little need for ocean outfall or trucking the brine for disposal
- The result of the processed brine via Zero Liquid Discharge would be a “salt oatmeal” that could be disposed of at a land fill
- Pilot project would be a small scale experiment to test the appropriate technology
- Grant opportunity through National Alliance for Water Innovation (NAWI) and project performed by Global Water Innovations

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- Next steps



- Request for Project submittal to NAWI 3/15/2022 submitted by Global Water Innovations
- Review and response by May 2022
- CCSD Board review and approval
- Agency coordination
- Selected projects announced by NAWI until end of September 2022.
- If grant approved, no out of pocket cost to other than as minimal amount of your staff's time as possible to facilitate the pilot.
- Pilot project would process 150,000 gallons of brine generated by RO system
- Global Water Innovations will provide the required 50% cost share required under this grant
- If one of the two technologies (switchable solvent or electrodialysis) CCSD to secure funding for a permanent installation.