

# Supercritical Water Oxidation Solids Treatment

*Presented by:*  
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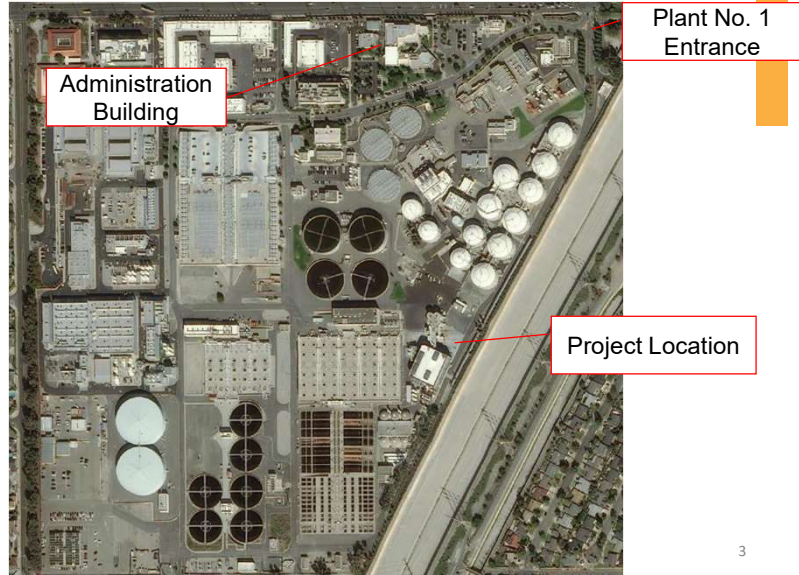
## Follow Up Information

- Positive Test Results
- Staff Seeking Regional Partners
- Federal Funding Update
- Cost/Schedule Update

2

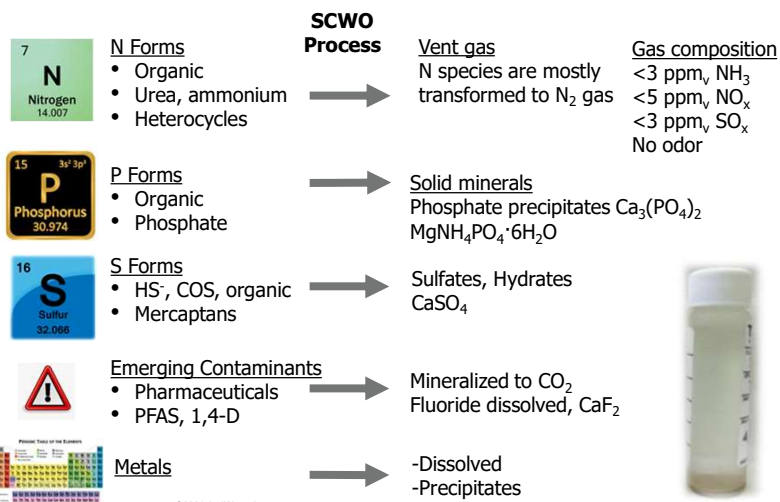
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# Location



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# Fate of Chemicals in Solids



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## Tests of OC San Sludge



- Southern California Air Quality Management District asked for air emissions data as part of the permitting process.
- OC San Biosolids sent to the existing one-ton-per-day unit.
- Test results are promising.

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## Staff Are Seeking Partners

- The Board directed staff to seek out local research partners to share in the risks, costs, and potential rewards.
- Staff are having positive discussions with other agencies.
- Federal Funding Opportunities look promising for \$3M to \$3.4M.

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## Project Budget

Project Item	Current	Projected
374Water Contract (Equipment and Operation)	\$5,139,000	\$5,139,000
Public Works Site Prep and Utilities	\$370,000	\$1,855,000
OC San Costs (Staff, Permitting, Etc.)	\$254,000	\$439,000
Contingencies	\$1,127,000	\$1,167,000
<b>Total Project Cost</b>	<b>\$6,890,000</b>	<b>\$8,600,000</b>

Staff will bring a budget increase request, if necessary, with the award of the Public Works Site Prep and Utilities Contract. Sufficient funding exists in the Research Program at the current estimate.

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## Project Schedule

Milestone	Date
Site Prep Project Advertised	September 2022
Fabricate Nix 6 and Solids Feed	October 2022
Site and Utility Construction	March 2023
Install and Commission Unit	August 2023
374Water Startup and Operation	December 2023
OC San Own and Operate	March 2024

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8