

Water Treatment Plant 2 Construction Update

John Gilroy, PE
Environmental Services Manager

Lorrie Hill, PE
Project Manager

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Water Treatment Plant 2



2012 Facility Plan



Completed

- Membrane Module Replacement (2015)
- Residuals Handling Basin (2015)
- Filter Rehabilitation (2017)



In Progress

- Lime Feed Building
- Basin Modifications
- Alternative Disinfection
- Clearwell Replacement

\$17.3 million



Future

- Electrical Modifications (2021)
- Chemical Feed Improvements
- Basin Expansion (2023)
- Residuals Basin Expansion (2027)
- Membrane Module Addition

Water Treatment Plant 2



Photo Credit: Crossland Heavy Contractors, LLC

OLATHE
KANSAS

Alternative Disinfection

1 Alternative Disinfection



Photo Credit: Crossland Heavy Contractors, LLC

Alternative Disinfection



Photo Credit: Crossland Heavy Contractors, LLC

Basin Modifications

2 Basin Modifications



Photo Credit: Crossland Heavy Contractors, LLC



Basin Modifications



Lime Feed Improvements

3 Lime Feed Improvements



Lime Feed Improvements



Clearwell Replacement

4 Clearwell Replacement



Photo Credit: Crossland Heavy Contractors, LLC

Clearwell Replacement



CMAR Successes

- Informed Decision Making
- Proactive Cost Management - \$2 Million Saved
- Competitive Bidding – 85% of Project
- Reduce Future Capital Needs – Basin 2
- Collaborative Problem Solving and Innovation
- Streamlined Construction Sequencing



Thank You!

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