

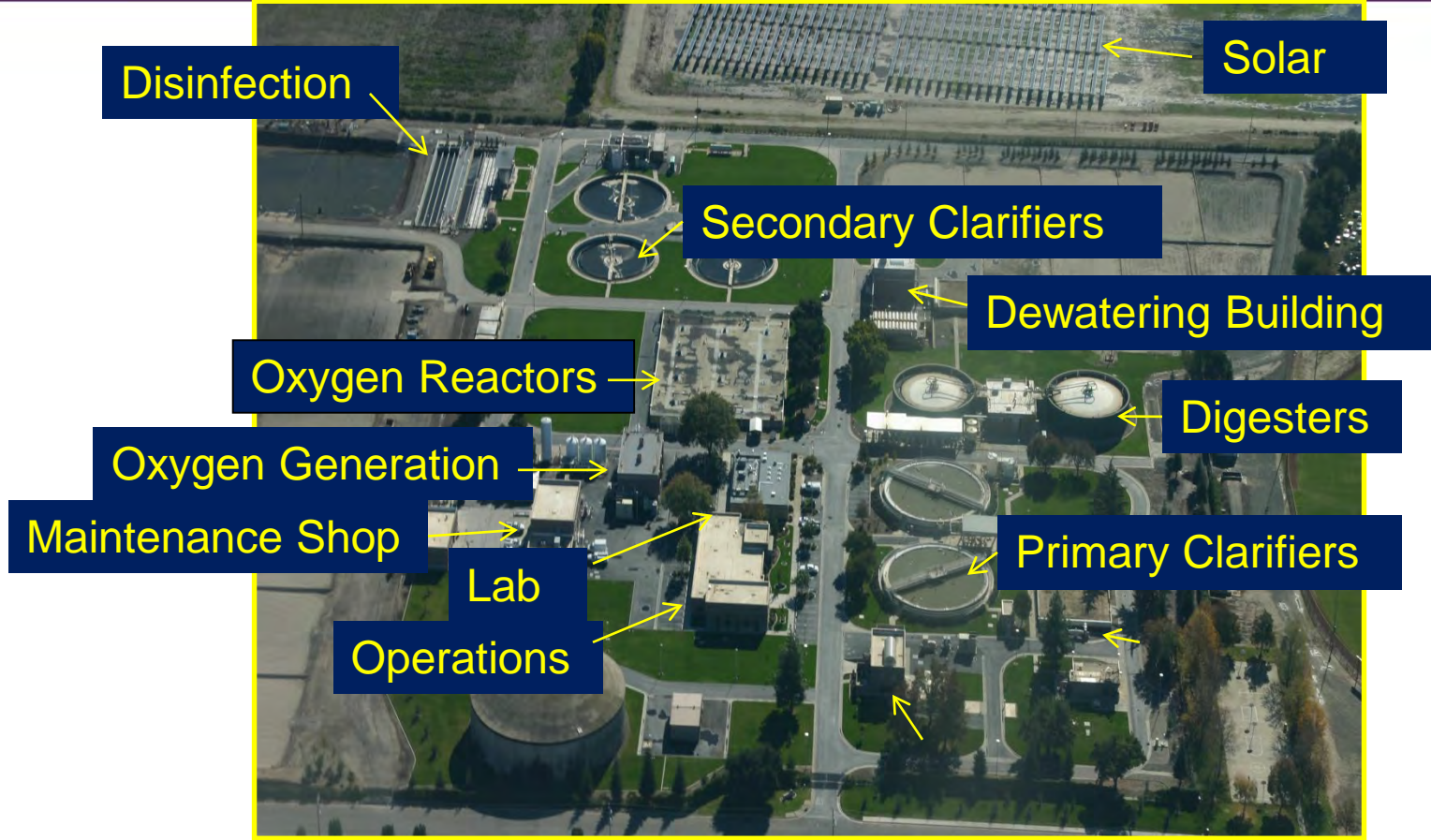


**Benjamin K. Moody**  
**Public Works**



**Wastewater Treatment Facility Improvements**  
**Project SCADA Equipment**

# Wastewater Treatment Facility Improvements Project



Disinfection

Solar

Secondary Clarifiers

Dewatering Building

Oxygen Reactors

Digesters

Oxygen Generation

Primary Clarifiers

Maintenance Shop

Lab

Operations



- Programmable Logic Controllers (PLCs) installed throughout WWTF as part of the current improvement project
- SCADA is the operating software system for the PLCs, providing data and graphical functions for use by WWTF staff
- GE iFIX is the current system, but license is out of date and capabilities are limited
- Staff evaluated large market-share vendors



- Recommend staying with GE iFIX software
- This purchase will update the software, provide additional necessary functions, and provide system redundancies
- Meets operational and regulatory reporting requirements for the updated WWTF
- Tailored to City operational needs



## **\$95,000 – CIP Account No. 981252-65518 (WWTF Improvements Project)**

- Cost for the SCADA system software is approximately \$87,000 (\$81,317 + tax)
- City-supplied equipment costs are anticipated to utilize approved project contingency funds
- Requesting a reserve balance should contingency items arise



Adopt a resolution awarding the purchase of SCADA equipment and software from GE Digital LLC of San Ramon, CA in the amount not to exceed \$95,000 and authorizing the City Manager to execute any necessary documents, with the finding that it is in the best interest of the City.



Questions?