Wastewater Division

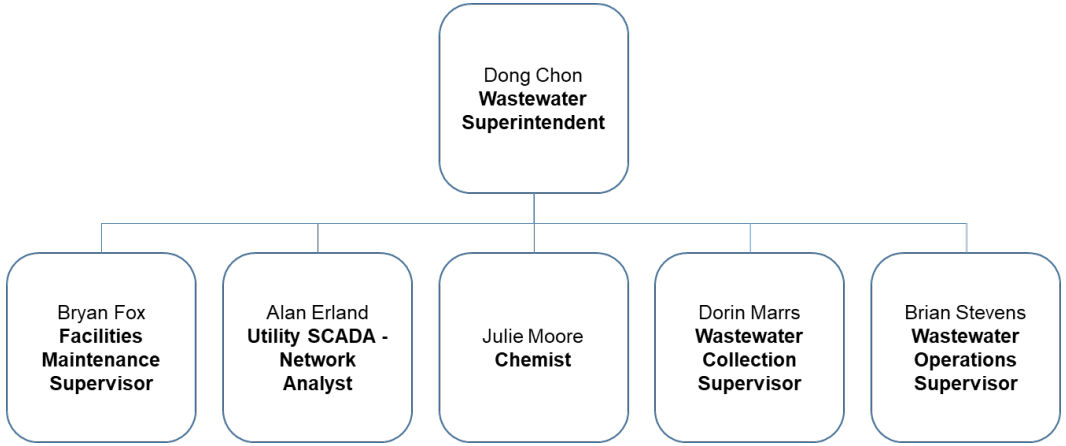
Mission

The Wastewater Division is responsible for protecting public health and the environment for our communities by providing high quality wastewater collection, treatment, and biosolids handling services in an effective, efficient, safe, and responsive manner.

Services

- Wastewater Pretreatment – The wastewater pretreatment is the practice of removing pollutants from industrial wastewaters before they are discharged to the Lompoc Regional Wastewater Reclamation Plant.
- Wastewater Collection – The wastewater collections systems are comprised of gravity pipes, manholes, lift stations, and force mains that collect wastewater from residential and nonresidential customers and convey the flow to the Lompoc Regional Wastewater Reclamation Plant.
- Wastewater Treatment – The wastewater division provides the process of converting wastewater into an effluent that can either be returned to nature and incorporated to the water cycle or for reuse.
- Regulatory Compliance - The wastewater division ensures compliance with regulatory requirements of the wastewater treatment.

Wastewater Division Team

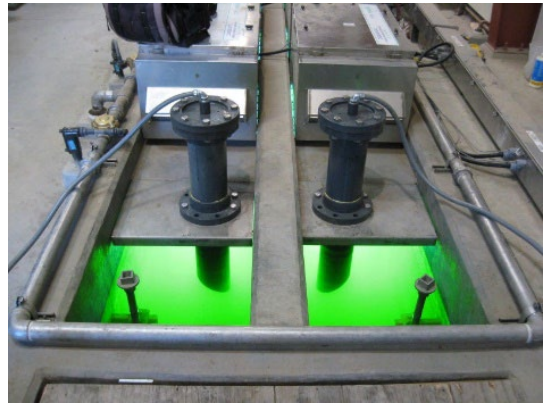


City of LOMPOC

Wastewater Division
Accomplishments 2021-22

- Replacement of approximately 8,600 ft of gravity sewer pipeline.
- Treated 1.05 billion gallons of wastewater with 99.2 % BOD removal and 99.0% ammonia reduction rates
- Produced Class B biosolids and hauled 1,494 tons of biosolids per the hauling contractors certified scales to a certified composting facility
- Rehabilitated and made improvements to both sludge dredges and discharge piping.
- Rehabilitated suction and scum systems of all three secondary clarifiers.

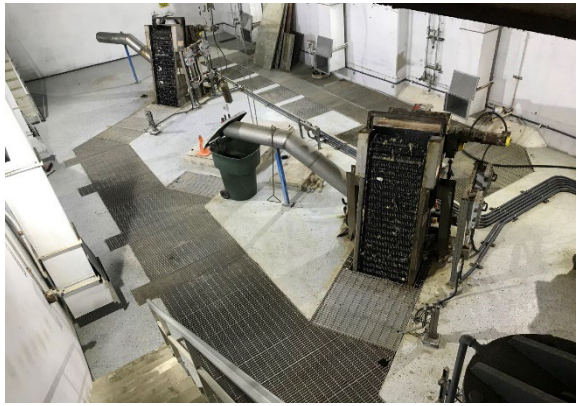



City of LOMPOC

Wastewater Division – Goals & Needs

- Replace 4,500 ft of gravity sewer pipeline
- Optimize our solids handling process to eliminate our capacity restraints and meet part 503 regs for class B sludge requirements
- Upgrade and replace our aeration blower system to extend system range to both lower and expand air delivery capability to improve effluent quality, consistency and plant capacity
- Roof and HVAC replacement on Admin Building
- Headworks improvements
- Perimeter fencing and security improvements
- Floradale monitoring station improvements
- Complete the upgrade to our SCADA system
- Complete conversion to the NELAC Institute (TNI) Environmental Laboratory Accreditation Program



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