

City of Henderson
April 13, 2021

LVVWAC ANNUAL UPDATE

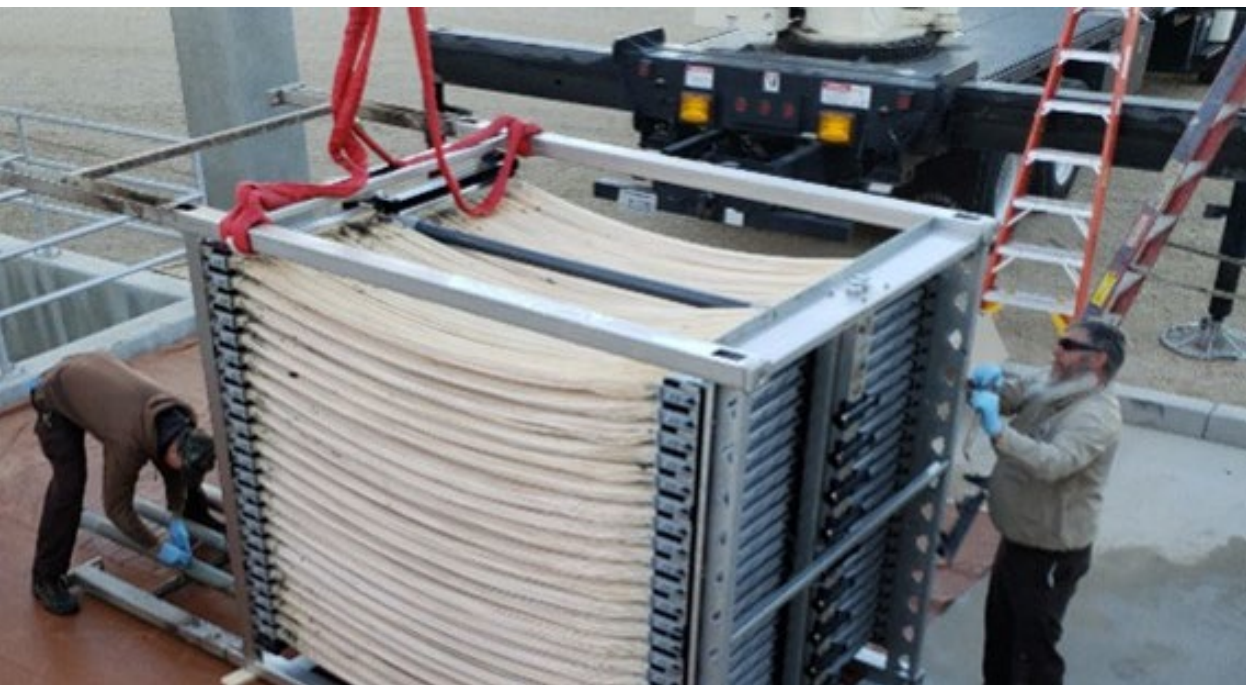
CITY OF HENDERSON

2020 SIGNIFICANT ACHIEVEMENTS

Wastewater Treatment

- 9.0 billion gallons treated
- 2.5 billion gallons reclaimed water delivered
- 0 permit violations
- Received NACWA Platinum Award for 16 years of full compliance





CITY OF HENDERSON

2020 SIGNIFICANT ACHIEVEMENTS

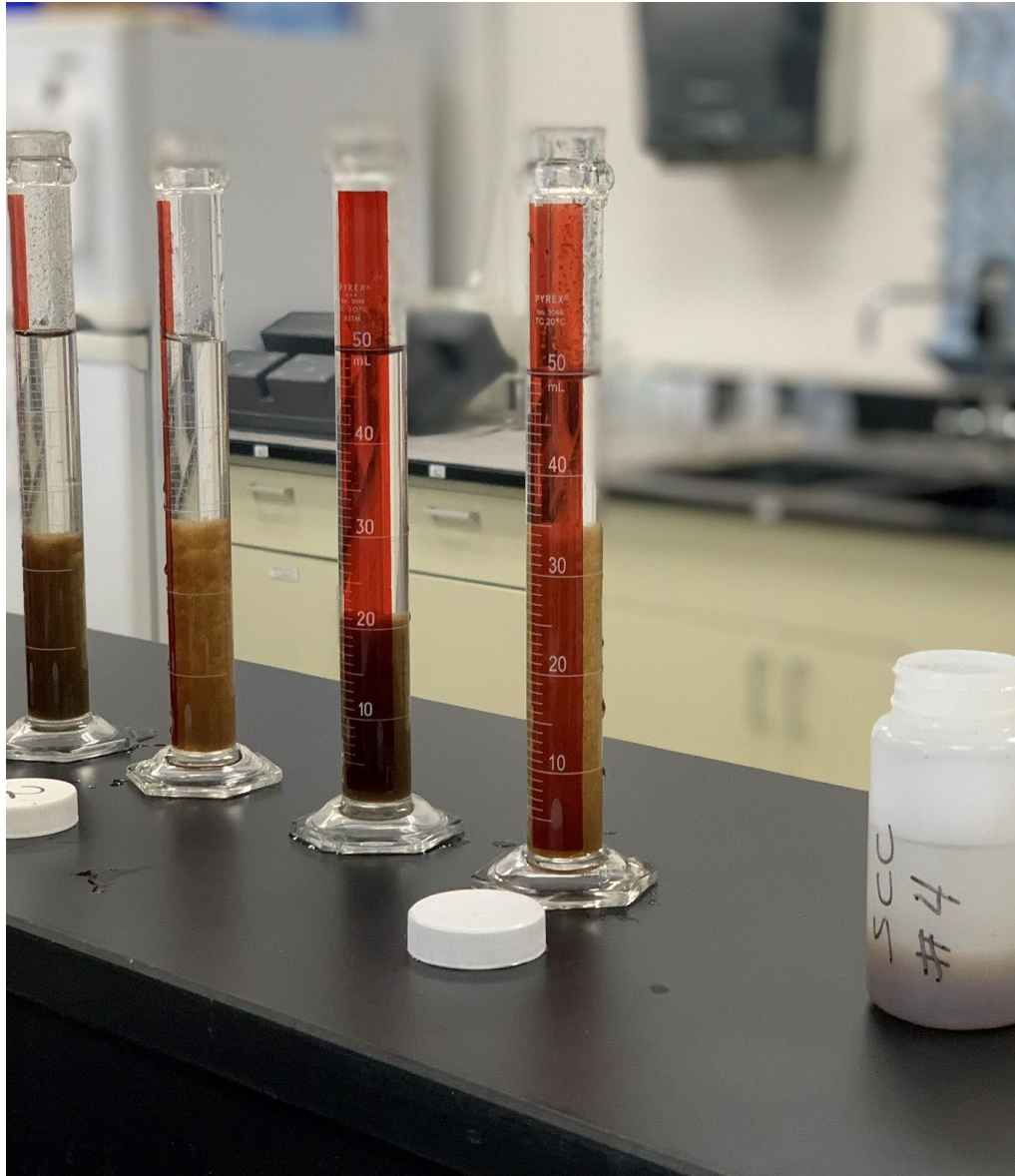
Wastewater Operations Projects

- Purchased and Installed Low Energy Advanced Performance (LEAP) membrane aeration system at SWRF
- Upgraded a lift station and installed gravity sewer in order to eliminate another lift station
- Began CMAR process for Kurt R. Segler Water Reclamation Facility Phase 4 Expansion
- Many retirements and internal promotions

Security and Emergency Preparation

- SCADA security improvements
- Revised Security Master Plan
- Completed AWIA process for water and wastewater
- Emergency Response Plan revision





CITY OF HENDERSON

2020 SIGNIFICANT ACHIEVEMENTS

Project Planning and Construction

- Began pump and electrical systems rehabilitation on largest lift station
- SCADA communication upgrades to prepare for new development
- Designed replacement for air treatment piping at SWRF
- Designing WRF ultraviolet disinfection capacity upgrade
- In planning for chemical building replacement
- In planning for two lift station relocations / replacements

CITY OF HENDERSON OPPORTUNITIES

Upcoming Opportunities in 2021

- **Staffing** – Workforce turnover
- **Growth** – Plant capacity expansion
- **Rehabilitation** – Aging facilities



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