



## OUR COMMITMENT

We are committed to taking the necessary precautions to complete the project in a responsible and safe manner.

We are putting systems and processes in place to control costs and decrease the construction's impact. We will use best practices to reduce the impact on neighbors, such as limiting our construction work during the early morning and late evening hours, keeping noise levels low, putting in place traffic management plans and securing the construction site so it is safe. We will also implement construction practices to reduce our impact on the wildlife in the area, including focusing and limiting light levels when working at night.



## ABOUT SLCDPU

SLCDPU, which was established in 1876, is the oldest retail water provider in the West. We understand the stewardship and responsibility that we have been given. Our long and successful history has instilled in us a strong value of protecting and managing our precious water, planning and service.

We are committed to serving our customers and protecting our environment by delivering high-quality drinking water, managing flood control and storm water, collecting and treating wastewater to standards that exceed EPA regulations, and maintaining and enhancing public street lighting.



In an effort to actively protect our sources of drinking water in the Wasatch canyons watershed and raise awareness about how drinking water is delivered we have developed our **Keep It Pure** initiative.



To educate people how wastewater is collected, treated and returned to the environment in a responsible manner, and how storm water is managed, we have created a **Make it Pure** initiative.

**Water is an essential part of our daily lives:** it keeps our City running, our communities healthy, and our economy growing. By working together to take care of this precious resource, we can help ensure all people in the City can enjoy high-quality water resources now and in the future.



[www.slc.gov/utilities](http://www.slc.gov/utilities)



SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES

# Water Reclamation Facility Construction

**Water is one of our most precious natural resources, and it must be managed and used wisely so we can all enjoy a high quality of life and our communities can continue to thrive.**

To ensure Salt Lake City continues to have access to clean, safe, high-quality water—now and for years to come—and that it can be used by people, businesses and industry, treated and safely returned to the environment in a continuous and responsible manner while meeting all the water quality standards, the Salt Lake City Department of Public Utilities (SLCDPU) is building a new Water Reclamation Facility.







ABOUT THE CONSTRUCTION PROJECT

The current SLCDPU Water Reclamation Facility has treated wastewater from people, businesses and industry of Salt Lake City continuously for the last 55 years. To meet new water quality standards, improve its efficiency and reliability, and avoid risks associated with the Facility being at the end of its lifespan, plans are underway to rebuild it.

Because the Water Reclamation Facility is a critical piece of infrastructure we are taking a strategic and methodical approach to its construction. We must ensure that the existing Facility will operate without interruption during the project because the City simply can't run without it.

The project has taken years of planning. SLCDPU has had to consider the City's needs now and into the future and how best to address them. SLCDPU has also developed a financing strategy and rate increase structure to limit its impact on the community, spreading the cost of the project across multiple generations.

The new Water Reclamation Facility is one of the City's largest public works projects in the history of the City.

This project, although the largest, is just one of the projects SLCDPU is undertaking to ensure the City's important water infrastructure systems are operating efficiently and safely to allow us to maintain our quality of life, protect nature and support the City's economic vitality.

Why a New Facility?

A lot has changed in the 55 years since the Water Reclamation Facility was built. Water quality regulations and standards have evolved to become more stringent. New state and federal regulations, which go into effect January of 2025, require increased removal of phosphorus from treated wastewater, and additional changes to water quality standards for nutrients are expected in the near future. Additionally, the City's population is growing resulting in an increased demand for water and for wastewater to be treated.

New standards are a good thing and they are in place to protect the health of our communities and the environment. A new, state-of-the-art Water Reclamation Facility that meets all state and federal safety regulatory standards and provides a modern, safe way to treat water and return it to the environment in a responsible manner is good for everyone.

MAKING IT A REALITY

SLCDPU is currently working with engineering consultants to complete additional analysis and site evaluations, and design of the new Water Reclamation Facility.

The design and construction will be completed in stages, with the first construction project beginning 2019, and all key process areas coming online by 2025.

Quick Facts



**Wastewater** is used water from homes, businesses and industry. In homes, it comes from sinks, showers, bathtubs, toilets, washing machines and dishwashers. Wastewater includes human waste, food scraps, oils, soaps, salts, chemicals and more.



**Water Reclamation** is the process of treating wastewater into reusable water that can be used again or safely returned to the environment.



Every minute of every day, wastewater is created by people, businesses and industry in the City. SLCDPU receives about **35 million gallons** of wastewater ever day; this number is expected to nearly double as the City's population increases.



SLCDPU's top priority is to deliver high-quality, **safe, clean drinking water** to all its customers, collect the water that is used, treat the wastewater and return it to the environment.



The current Water Reclamation Facility is the City's **only wastewater treatment plant** for the City.



The Water Reclamation Facility must **operate 24/7** without interruption. The Facility will continue to operate without interruption, even during construction.

Timeline

The construction will be implemented in phases with a project completion date of 2025.



WE ARE IMPLEMENTING A ROBUST PUBLIC ENGAGEMENT EFFORT TO ENSURE IT REFLECTS COMMUNITY NEEDS AND GOALS

SLCDPU is looking for input on the architectural design of the Facility as well as on the sustainability and educational elements. The project is an opportunity to incorporate additional sustainability principles into the Facility. The Facility currently captures and uses methane from the digesters for heating and power. The project will provide an opportunity to include educational components related to water for the public to access.

To facilitate communication with the community and engage with stakeholders the following activities will take place:

- Public open houses
- Community briefings and presentations
- Working groups—Great Salt Lake, sustainability, educators and youth
- Information materials and mailings
- A project website
- A community care line

