

Thomas C. Green Water Treatment Plant Decommissioning & Deconstruction

Background

GWTP, commissioned in 1924, is the oldest and smallest of Austin's water treatment plants and is located in a land-locked site. For a number of reasons, including the facility's age, condition, and limited expansion potential, the GWTP is being decommissioned and deconstructed to make ready for new development that will connect the current 2nd Street District and the new Seaholm Redevelopment District.

This project includes the deconstruction of the buildings and structures on the six acre water treatment plant site bounded by Cesar Chavez on the south, 2nd Street Alley on the north, San Antonio to the east and Shoal Creek to the west. To accomplish this, work is split into five areas: environmental remediation; wastewater and storm water utility isolation/relocation; deconstruction and recycling of applicable materials including onsite concrete crushing; Shoal Creek bank stabilization utilizing mechanically stabilized earth wall construction; and site restoration.

Project Update – May 20, 2010

Below is a more detailed listing of the items to be accomplished as part of the project. I will keep this list updated and provide you a monthly idea of where the project has accomplished its tasks and where the work will progress.

A. Environmental:

- Total removal of site asbestos (found in 5 buildings and 2 pipelines); *in the 5-buildings the work is completed and the 2-underground pipeline remain at this time*
- Total removal of paint with lead (found in small patches, several locations); *this work is approximately 90% complete and will continue.*
- Environmental protection (trees, sediment, runoff); *installation completed and monitoring of the environmental protection will continue.*

B. Utility Isolation/Relocation:

- Construct new storm water lines – 2 locations; *2nd Street Alley 100% complete, Cesar Chavez Street work will be performed at a later date.*
- Install pipe lining – San Antonio St; *work continues and should complete by the first week in June - traffic control devices will be in place on San Antonio Street during this time. The narrowing of the trail will remain in place until the pipe lining is completed. (The cofferdam remains in Lady Bird Lake.)*

C. Deconstruction/Recycling:

- Salvage and relocate C.O.A. assets to other facilities; *work is approximately 99% complete.*
- Take down on-site structures/buildings/equipment; *work is in progress.*
- Recycling and/or disposal of deconstruction materials; *work is in progress.*
- Crush concrete/masonry and mix with on-site soil, and keep it on site. *work is in progress.*

D. Shoal Creek Bank Stabilization:

- Install cofferdams in Shoal Creek; *work is completed and monitoring of the environmental protection will continue.*
- Remove existing wire baskets/rock and preparatory excavation; *work is in progress on the north end of Shoal Creek.*
- Install limestone wall and new bank protection system; *the installation of the limestone block has started and the new bank protection system is in progress.*
- Plant native grasses, plants, and trees.

E. Site Restoration:

- Improve grading/storm drain system;
- Install fencing/gates;
- Install site area electrical;
- Install site lighting;
- Install landscaping, temporary irrigation system; and
- Repair curbs, gutters, and sidewalks.

For more information, Contact:

Project Manager: Cynthia Jordan, (512) 974-7183, Cynthia.Jordan@ci.austin.tx.us

**Resident Project Representative (onsite inspector): Butch Billings, URS Corporation
Ph # (512) 494-4097 – office (512) 656-4772 – cell**