

Project

Aurora Water Aurora Reservoir Water Purification Facility (ARWPF) Control Building Aurora, Colorado

Scope of Services

Lintjer + Haywood's involvement with this fast paced project includes master planning for the Aurora Reservoir including site and facility design for the ARWPF from the conceptual level through production of construction documents. The design of this facility took place in less than 22 months and was accomplished using staff from several consultant offices throughout the United States and Canada. In addition to Lintjer + Haywood Architects preparing bid documents for several of the buildings, responsibilities included managing the architectural document production of several consultant offices.

Project Description

This project involved the design of a 50 MGD water treatment facility on a 100+ acre site and included a Control Building, 11 process buildings, 4 lagoons, 1 forebay and several miles of roads.

"Prairie Style" best represents the building character chosen for the Aurora Reservoir Project. This style has come to be associated with low horizontal structures with broad overhanging hipped roofs and a melding of interior and exterior space.

Spaces in the 12,000 SF control building included offices, a control room, an operators' laboratory, SCADA/server room, conference and lunchrooms, and locker facilities. The clearstory over the center of the building is used to bring light to the internal spaces of the facility.

Architectural services for this facility includes furniture layout and procurement, artwork selection, audio-visual equipment layout and selection for the conference rooms, and the aquarium design that serves as the "canary in a coal mine" for this water treatment facility.



Exterior materials include multi-colored and textured precast concrete; aluminum storefront and windows; synthetic stone facing with precast concrete lintels; and prefinished metal wall and roof panels and copings.

Project Data

Client:	City of Aurora, Aurora Water
Phase:	Construction - Summer 2010 Completion
Construction Cost:	Total Project: \$191,000,000
	Control Building: \$3,500,000