

Indiana-American Water Company

Jeffersonville



The Southern Indiana Operations and Treatment Center is the largest Design-Build project ever constructed by Bowen Engineering. It was also Indiana-American Water Company's most ambitious endeavor to date.

Meeting Growing Demand

In early, 1997, strapped with an aging, undersized facility and struggling to meet the voracious water needs of a fast growing service area, IAWC identified that they had to bring a new regional operations and treatment center online by April 1, 1999. A new facility was planned to include: well fields, finished water distribution systems, large finished water reservoirs, pump station, backwash tanks, filter building, chemical building regional I&C systems for the expansive service area, as well as a maintenance garage and operations building.

Indiana-American and Bowen had just completed three successful fast-track design-build water treatment projects in other Indiana communities: Crawfordsville, Noblesville and Franklin. Pleased with the outstanding results achieved on these projects, IAWC decided to have the same Bowen-led design-build team provide the services on this challenging effort.

By Fall, 65% of the design documents were submitted to the Indiana regulatory agency.

At this point, Bowen began the earthwork and foundation construction. A short fifteen months later, the new treatment facility was treating water . . . *ahead of schedule.*

From the first hour of conceptual design to the final day of start up, the project team worked together to achieve every one of Indiana-American's objectives.

Collaborative value-engineering especially helped the team identify and target areas where savings could be realized. This ongoing process ultimately provided cost reductions totaling more than \$6.2M, bringing down the final cost from an original owner-defined budget of \$31.8M to \$25.6M . . . *a 19.5% savings.*



CONTRACTOR OF CHOICE

HIGHLIGHTS

Total Contracts
\$25,600,000

Client Savings
\$6,200,000

Project Location
Jeffersonville, IN



Indiana-American Water Company - Jeffersonville Office Facility

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\$25,600,000

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Project Location
Jeffersonville, IN

Office Space
15,600 SF



The Operations Building became the new home of IAWC's management and operations staff. The 15,600 square feet two-story office building consisted of management offices, conference rooms, file storage, locker rooms, lunch room, control room and laboratories.

The architecturally significant building is emphasized with its exterior steel columns and expands into an open two-story lobby area.

