



Water Treatment Plant Project Summary

**City of Independence, MO
Courtney Bend Water Treatment Plant
New Basins and Pump Station**

Contract Value: \$16.1 Million

Duration: October, 2003 – October, 2005

Location: Sugar Creek, MO



OWNER:

City of Independence
1161 E Truman Road
Independence, MO 64050

ENGINEER:

Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114

GENERAL CONTRACTOR:

Foley Company
7501 E Front Street
Kansas City, MO 64120

PROJECT SUMMARY:

This project was an addition and renovation to an existing water treatment plant. General modifications included the addition of a 6 million gallon steel solids contact basin and a 7.5 million gallon steel settling basin. Project also included conversion of existing filters from declining rate to constant rate operation, demolition of high service pumps, addition of a new cast in place concrete clearwell and transfer pump station.

A new 48 million gallon high service pump station was built in conjunction with a 2.5 million gallon prestressed concrete ground storage reservoir, a packaged lime storage and feed system. Modifications were made to the existing chemical feed systems and this included site work, electrical work, mechanical work and extensive underground piping.