

SIMILAR COMPLETED PROJECTS ATTACHMENT 3

MSDGC Little Miami WWTP Sludge Handling Process Upgrade

ASE teamed with Brown & Caldwell to provide engineering services for the Metropolitan Sewer District of Greater Cincinnati (MSDGC) Little Miami WWTP Sludge Handling Process Upgrade Project. The project included the complete upgrade of the Sludge Handling process, including all new electrical, instrumentation and controls.



Services by ASE

ASE provided the detailed electrical, instrumentation and controls design for the project. The control systems were comprised of Rockwell ControlLogix PLCs and GE Proficy/iFIX SCADA systems, based on MSDGC's standards.



A new electrical room was constructed for the new Motor Control Center (MCC), PLC panel, network switch cabinet, and associated electrical equipment. A new dedicated HVAC system was installed for the electrical room in order to protect the electrical equipment from the environmental impacts and extend the life of the equipment. A new PLC panel was installed along with all new instrumentation and field controls. All electrical and I&C components in the building were replaced.

During the construction phase, *ASE assisted with the Construction Administration activities related to the electrical and I&C upgrades.* ASE provided coordination with the contractor and commissioning, checkout and startup support services. The construction was successfully completed in 2012.

Brown & Caldwell provided a letter of reference for ASE, based on the success of over 18 projects for which ASE has teamed with them over the last 7 years. The reference letter is included in Attachment 1 for the Statement of Qualifications.

