



ENGINEERING ASSOCIATES, INC.

1935 Eagle Pass, Wooster, Ohio 44691

Telephone: (330) 345-6556

Fax: (330) 345-8077

Kent D. Baker, P.E.

Gary D. Daugherty, P.E.

A. Frederick Seling Jr., P.E.

Ronny E. Portz, P.E.

Sheldon Schlabach, P.E.

**VILLAGE OF PERRYSVILLE
WATER SYSTEM IMPROVEMENTS
NORTH RESERVOIR REPLACEMENT
PRELIMINARY PROJECT COST ESTIMATE
February 24, 2010**

CONSTRUCTION COST				
<u>Item Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>	<u>Total</u>
Ex. Tank Demolition and Removal	Lump	Sum	\$15,000	\$15,000
Site Preparation	Lump	Sum	\$20,000	\$20,000
Access Drive	Lump	Sum	\$30,000	\$30,000
Excavation and Backfill	Lump	Sum	\$20,000	\$20,000
150,000 Gallon Bolted Glass Lined Tank	Lump	Sum	\$190,000	\$190,000
Valve Vault	Lump	Sum	\$10,000	\$10,000
Piping and Valves	Lump	Sum	\$25,000	\$25,000
Chain Link Fence	Lump	Sum	\$10,000	\$10,000
Electrical and Control Work	Lump	Sum	\$20,000	\$20,000
Subtotal				\$340,000
Contingencies (10%)				\$34,000
Total Construction Cost				\$374,000
ENGINEERING COST				
Field Work				\$5,000
Detailed Design				\$23,000
Construction Administration				\$8,000
Construction Observation (3 Months)				\$30,000
As-Built Drawings				\$1,000
Total Engineering Cost				\$67,000
OTHER INCIDENTAL COSTS				
Soils Investigation				\$5,000
Permits and Approvals				\$2,000
Environmental Report				\$10,000
Total Incidental Cost				\$17,000
TOTAL PROJECT COST				\$458,000