

COST ESTIMATE NO. 1  
MEADOWPARK LAKE AND HOLIDAY LAKE  
WATER TREATMENT PLANT IMPROVEMENTS  
CROSSVILLE, TENNESSEE  
WAUFORD PROJECT NO. 4628

<u>Item</u>	<u>Description</u>	<u>Estimated Cost</u>
1.	New Chemical Building at Meadowpark Lake Water Treatment Plant including excavation, concrete, building construction, storage tanks and feed equipment, electrical work, and underground piping	\$430,000
2.	New 450KW standby diesel generators at the Meadowpark Lake Water Treatment Plant for the Filter Building and High Service Pumping Station including generator enclosure, sub-base fuel tank, and electrical modifications	\$420,000
3.	Paint Existing Pipe Gallery at Holiday Lake Water Treatment Plant including SP-6 surface preparation and multiple coat painting system	\$90,000
4.	Replacement of Settling Basin Equipment at the Holiday Lake Water Treatment Plant including removal of existing equipment, cleaning and concrete remediation, and installation of new similar sludge collection equipment	<u>\$510,000</u>
	ESTIMATED CONSTRUCTION COST	\$1,450,000
	CONSTRUCTION CONTINGENCIES (10%)	<u>\$150,000</u>
	1. Budgeted for Construction	\$1,600,000
	2. Engineering: Design	\$95,000
	Bidding and Award	\$8,000
	During Construction (8 months Intermittent field observation)	<u>\$92,000</u>
	TOTAL ESTIMATED PROJECT COST	\$1,795,000

ENR CONSTRUCTION COST INDEX – 10403 (September 2016)