

ALTERNATIVE "F-1" (Revised - tank only option)

Engineer's Opinion of Probable Construction Cost

ITEM	QUANTITY	UNIT	UNIT COST	EXTENSION
Fire Department Substation:				
Structure (prefabricated steel building)	0	S.F.	\$0	\$0
Water Storage Facility:				
Site excavation & grading	1	Ea.	\$35,000	\$35,000
Tank foundation	1	Ea.	\$30,000	\$30,000
50kgal Tank structure	1	Ea.	\$90,000	\$90,000
Freeze protection	1	Ea.	\$5,000	\$5,000
TOTAL:				\$160,000

Engineer's Opinion of Annual Probable Operations & Maintenance Cost

ITEM	QTY.	UNITS	UNIT COST	EXTENSION
Weekly system inspection	52	Hours	\$0	\$0
Electricity	5000	kWH	\$0.50	\$2,500
Repair and maintenance	1	Year	\$2,500	\$2,500
Contingencies	1	Year	\$2,500	\$2,500
TOTAL:				\$7,500

(Does not include replacement cost)

Approximate Annualized 20 Year Life Cycle Costs

Approximate annualized construction cost (A/P, 20 years @ 9%)	\$17,520
Approximate Operations & Maintenance (F/A, 20 years @ 4%)	\$11,167
TOTAL, approximate annual payment for 20 year life cycle	\$28,687
Approximate annualized payment for each of 120 residences	\$239
Approximate annualized amount for each of 400 parcels	\$72