

Apex - 1700 AFA - with wells producing 527 gpm average each

Working Draft for Discussion Purposes Only

Item	\$ Cost	Notes
Well A1	\$790,000	
Well A2	\$855,000	From Technical Memorandum by AB
Well A3	\$855,000	
Equip Well A1	\$1,580,000	
Equip Well A2	\$1,580,000	Based on actual costs for Contract 1289 "Equip Searchlight Well No. S-3"
Equip Well A3	\$1,580,000	
Wellhead Treatment A1	\$3,000,000	
Wellhead Treatment A2	\$3,000,000	High cost due to using "zero wastewater" package, per quote from "Evoqua Water Technologies". May be cut to \$500,000 each if waste stream could be discharged to a public sewer. Or \$780,000 plus 9 acres per well for drying beds
Wellhead Treatment A3	\$3,000,000	
Storage Tank*	\$3,750,000	
Extension of Power	\$1,625,000	\$125/LF
16" pipeline	\$4,169,000	No fiber optic.
24" pipeline	\$14,815,000	No fiber optic.
25% Contingency	\$10,149,750	
Design (15%)	\$7,612,313	
Facilities Connection Charge	\$59,040	3" and 4" Meter
Regional Connection Charge	\$591,000	3" and 4" Meter
Application Fee	\$6,250	3" and 4" Meter
Inspection Fee	\$2,550	3", 4" and 10"
AMR	\$312	3", 4" and 10"
Oversizing Charge	\$10,000	3" and 4" Meter
Backflow	\$0	
Fire Meter Charges	\$0	10" Fireline

TOTAL \$59,030,215

* This is tank T4 from the Poggemeyer master plan. Size is 5 MG in the master plan. Sized for this analysis based on NAC 445A.6674 for a "new public water system" = avg. day operating storage + 75% avg. day emergency reserve + 4,500 gpm for 4 hours fire.

**PRELIMINARY ESTIMATE -
SUBJECT TO REVISION DURING DESIGN**