

Capital Water Facilities

LOCATION	DESCRIPTION	EXISTING CAPACITY	REQUIRED CAPACITY 30 YEAR	AVAILABLE CAPACITY	AVAILABLE GROWTH	UNIT PRICE	COST ESTIMATE 30 YR	COST ESTIMATE 10 YR	COST E.S.F.	WATER TREATMENT Costs \$1.80/Gal	TOTAL
East Texas City (East of Hwy 3) Exist 13,794/E.S.F. Equivalent Population 48,279 Actual Population 32,287	Ground Storage Capacity Elevated Storage Capacity Well Supply	3.75 M.G. 2.55 M.G. 5200 G.P.M.	2.759 M.G. 1.379 M.G. 4830 G.P.M.	.991 M.G.	4955 E.S.F. 11,710 E.S.F. 1057 E.S.F.						
West Texas City (West of Hwy 3) Exist 3,667/E.S.F. Equivalent Population 12,835 Actual Population (est) 8,713	Ground Storage Capacity Elevated Storage Capacity Well Supply	.5 M.G. .3 M.G. 1850 G.P.M.	.733 M.G. .367 M.G. 1283 G.P.M.	-.233 M.G.	-1165 E.S.F. -670 E.S.F. 1620 E.S.F.						
Zone 1 NW/Bishop Tract PROJ. E.S.F. 18,000 - 30 YR; 6,000 - 10 YR Equivalent Population 63,000 Actual Population (est.) 42,767 Equivalent Population 21,000- 10 YR PROJECT Actual Population (est.) 14,256 - 10 YR PROJ	Ground Storage Capacity Elevated Storage Capacity Well Supply 12" Waterline 16" Waterline	-- -- --	3.6 M.G. 1.8 M/G/ 6300 G.P.M. 3000 L.F. 9500 L.F.	-- -- --	-- -- --	\$1.00/Gal \$1.50/Gal \$750/G.P.M. \$72/L.F. \$115/L.F.	\$3.60 \$2.70 \$4.73 \$0.94 \$1.09	\$1.20 \$0.90 \$1.58 \$0.31 \$0.36	\$4.35 M M/6,000 E.S.F.	\$1.96 M/23,000 E.S.F.	\$1355/E.S.F.
						<i>(in millions)</i>	\$13.06	\$4.35	\$725.0/ E.S.F.	\$630/E.S.F.	
Zone 2 Central/Kohfeldt PROJ. E.S.F. 3,500 - 30 YR; 1,167 - 10 YR Equivalent Population 12,250 Actual Population (est.) 8,316 Equivalent Population 4,083 - 10 YR PROJECT Actual Population (est.) 2,778 - 10 YR PROJ	Ground Storage Capacity Elevated Storage Capacity Well Supply 12" Waterline	-- 0.35** --	.7 M.G. -- 1,225 G.P.M. 11,000 L.F.	-- -- --	-- -- --	\$0.75/Gal \$1.50/Gal \$750/G.P.M. \$72/L.F.	\$0.70 M -- \$0.92 M \$0.79 M	\$0.233 M -- \$0.307 M \$0.263 M	\$0.803 M/1,167 E.S.F.		
							\$2.41 M	\$0.803 M	\$688 E.S.F.	\$630/E.S.F.	\$1318/E.S.F.
Zone 3 (North Central/Humble Camp & Hillman) PROJ. E.S.F. 1,500 - 30 YR; 500 - 10 YR Equivalent Population 5,250 Actual Population (est.) 3,511 Equivalent Population 1,750 - 10 YR PROJECT Actual Population (est.) 1,169 - 10 YR PROJ	Ground Storage Capacity Elevated Storage Capacity Well Supply 12" Waterline 16" Waterline	-- -- --	.3 M.G. .15 M.G. 525 G.P.M. 22,000 L.F. 6,000 L.F.	-- -- --	-- -- --	\$1.0/Gal \$1.50/Gal \$750/G.P.M. \$72/L.F. \$115/L.F.	\$0.30 \$0.23 \$0.39 \$1.58 \$0.69	\$0.10 \$0.08 \$0.13 \$0.53 \$0.23	\$1.07/500 E.S.F.		
							\$3.19	\$1.07	\$2140/E.S.F.	\$630/ E.S.F.	\$2770/ E.S.F.
						<i>(in millions)</i>	<i>(in millions)</i>				

* 10 YR PROJECTION IS 1/3 COST

** .35 MG OF ORCHID TANK ALLOCATED TO ZONE 2