

TOWN OF TRURO
NEW DPW FACILITY COMPARISON OF SITE COSTS

Item Description	340 Rt 6 Property	Town Hall Rd Property Well @ Snows Field	Town Hall Rd Property Well @ Conservation Trust	Walsh Property	Sandpit Road
Site Preparation (site specific)	\$ 1,264,000	\$ 346,000	\$ 346,000	\$ 314,000	\$ 1,078,000
<i>Clear and Grub Site</i>					
<i>Strip & Stockpile Top Layer Surface</i>					
<i>Screen Top Layer</i>					
<i>Respread/Reuse Top Layer</i>					
<i>Topsoil import and spread</i>					
<i>Site Cuts to Fill</i>					
<i>Import & Place Fill</i>					
<i>Tree Removal</i>					
<i>Stump Removal</i>					
<i>Finish Grading</i>					
Retaining Wall	\$ 271,000	\$ 485,000	\$ 485,000	\$ 155,000	\$ -
Site Access	\$ 14,000	\$ -	\$ -	\$ 97,000	\$ 67,000
<i>HMA Berm-Driveway</i>					
<i>Gravel Pavement Subbase-Driveway</i>					
<i>Bituminous Concrete (Hot Mix Asphalt)-Driveway</i>					
Stormwater Improvements	\$ 278,000	\$ 243,000	\$ 243,000	\$ 333,000	\$ 263,000
<i>Drainage System - Manhole</i>					
<i>Drainage System - Catchbasin</i>					
<i>Storm Piping</i>					
<i>OCS</i>					
<i>SWTU</i>					
<i>Precast Flared End and Riprap Level Spreader</i>					
Water Distribution	\$ 74,000	\$ 74,000	\$ 74,000	\$ 633,000	\$ 583,000
<i>Water Distribution System - Domestic Tap</i>					
<i>Water Distribution System - Fire Service Tap</i>					
<i>Water Distribution System - 4" Copper</i>					
<i>Water Distribution System - 6" DI Fire Service</i>					
<i>12" Ductile Iron Water Piping</i>					
<i>8" Ductile Iron Water Piping</i>					
<i>Misc Water Pipe Fittings</i>					
<i>Water Distribution System - Hydrant</i>					
<i>Water Distribution System - Valves</i>					
<i>Water Distribution System - Misc. Accessories</i>					
Additional Fire Suppression Pump System	\$ 43,000	\$ -	\$ -	\$ -	\$ -
New Well and Water Line Construction	\$ -	\$ 400,000	\$ 210,000	\$ -	\$ -
Cistern (20,000 gal tank and piping)	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000
Fire Pump and Vault	\$ -	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
Snow's Field Modifications and Fencing for Well Relocation	\$ -	\$ 905,000	\$ -		\$ -
<i>New Little League Field with Fence</i>					
<i>Refurbished existing Natural Grass Rectangular Fields</i>					
<i>New Parking and Asphalt Perimeter Walks</i>					
<i>Misc. Site Ammenities Allowance (i.e.benches, bleachers, signs, etc.)</i>					
<i>Irrigation</i>					
Temporary Operations/Conditions	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -
Subtotal Site Specific Cost Difference:	\$ 1,944,000	\$ 2,893,000	\$ 1,798,000	\$ 1,722,000	\$ 2,181,000
Design Contingency (4%):	\$ 77,760	\$ 115,720	\$ 71,920	\$ 68,880	\$ 87,240
Escalation - Yr 1 (11% per year):	\$ 222,394	\$ 330,959	\$ 205,691	\$ 196,997	\$ 249,506
Escalation - Yr 2 (6% per year):	\$ 134,649	\$ 200,381	\$ 124,537	\$ 119,273	\$ 151,065
Location Factor (4%):	\$ 95,152	\$ 141,602	\$ 88,006	\$ 84,286	\$ 106,752
<i>Site Specific Escalation & Design Contingency:</i>	\$ 529,955	\$ 788,662	\$ 490,154	\$ 469,435	\$ 594,564
Site Specific Construction Cost Difference:	\$ 2,473,955	\$ 3,681,662	\$ 2,288,154	\$ 2,191,435	\$ 2,775,564
A&E Fees (design, bid, const.): Assume 10% of Const. Value	\$ 247,395	\$ 368,166	\$ 228,815	\$ 219,144	\$ 277,556
Construction Contingency (6%)	\$ 148,437	\$ 220,900	\$ 137,289	\$ 131,486	\$ 166,534
Rounded Total	\$ 2,870,000	\$ 4,271,000	\$ 2,654,000	\$ 2,542,000	\$ 3,220,000
Cost Difference:	\$ 328,000	\$ 1,729,000	\$ 112,000	\$ -	\$ 678,000