



St. Mary's County Metropolitan Commission
 23121 Camden Way, California, Maryland 20619

Serving St. Mary's County

Potable Water Distribution - Wastewater Collection / Treatment

Phone: 301-737-7400

www.metcom.org

Water and Sewer Construction Cost Estimate Calendar Year 2022

Note: If phased please complete a separate estimate for each phase or section.

Project Name and Phase (if applicable): _____

Developer: _____

Engineering Firm: _____ Completed by: _____

LUGM Number: _____

Water EDUs: _____ Sewer EDUs: _____ Date: _____

Water				
Item / Description	Unit	Quantity	Unit Price	Total
1" Corp. Stops	EA.		\$310.24	\$0.00
1-1/2" Corp. Stops	EA.		\$717.67	\$0.00
2" Corp. Stops	EA.		\$904.16	\$0.00
1" Curb Stop w/box	EA.		\$679.14	\$0.00
1 1/2" Curb Stop w/box	EA.		\$1,094.73	\$0.00
2" Curb Stop w/box	EA.		\$1,094.73	\$0.00
1" Copper WHC	L.F.		\$132.00	\$0.00
1-1/4" Copper WHC	L.F.		\$151.00	\$0.00
1-1/2" Copper WHC	L.F.		\$91.00	\$0.00
2" Copper WHC	L.F.		\$108.00	\$0.00
4" Main, DIP CL - 52	L.F.		\$140.00	\$0.00
6" Main, DIP CL - 52	L.F.		\$270.50	\$0.00
8" Main, DIP CL - 52	L.F.		\$195.00	\$0.00
10" Main, DIP CL - 52	L.F.		\$405.00	\$0.00
12" Main, DIP CL - 52	L.F.		\$226.00	\$0.00
16" Main, DIP CL - 52	L.F.		\$326.38	\$0.00
20" Main, DIP CL - 52	L.F.		\$457.97	\$0.00
4" Main, C-900, SDR - 21 PVC	L.F.		\$90.00	\$0.00
6" Main, C-900, SDR - 21 PVC	L.F.		\$105.00	\$0.00
8" Main, C-900, SDR - 21 PVC	L.F.		\$214.50	\$0.00
10" Main, C-900, SDR - 21 PVC	L.F.		\$121.00	\$0.00
12" Main, C-900, SDR - 21 PVC	L.F.		\$130.00	\$0.00
4" Main, HDPE DR - 11	L.F.		\$33.08	\$0.00
6" Main, HDPE DR - 11	L.F.		\$62.65	\$0.00
8" Main, HDPE DR - 11	L.F.		\$72.93	\$0.00
10" Main, HDPE DR - 11	L.F.		\$101.83	\$0.00
12" Main, HDPE DR - 11	L.F.		\$137.59	\$0.00
4" Valve & Box	E.A.		\$3,342.94	\$0.00
6" Valve & Box	E.A.		\$3,592.68	\$0.00
8" Valve & Box	E.A.		\$4,401.43	\$0.00

Water Subtotal (Sheet 1): \$0.00

Water Cont.				
Item / Description	Unit	Quantity	Unit Price	Total
10" Valve & Box	E.A.		\$6,636.00	\$0.00
12" Valve & Box	E.A.		\$8,208.46	\$0.00
16" Valve & Box	E.A.		\$23,413.04	\$0.00
8"x 4" Tapping Sleeve & Valve	E.A.		\$6,594.89	\$0.00
8" x 6" Tapping Sleeve & Valve	E.A.		\$7,365.31	\$0.00
8" x 8" Tapping Sleeve & Valve	E.A.		\$8,723.58	\$0.00
12" x 6" Tapping Sleeve & Valve	E.A.		\$9,222.10	\$0.00
12" x 8" Tapping Sleeve & Valve	E.A.		\$10,641.19	\$0.00
12" x 12" Tapping Sleeve & Valve	E.A.		\$15,371.46	\$0.00
6" Fire Hydrants, Assembly	E.A.		\$9,554.50	\$0.00
Post Indicator Valve	E.A.		\$4,013.21	\$0.00
4" Blowoff	E.A.		\$3,342.94	\$0.00
6" Blowoff	E.A.		\$4,052.54	\$0.00
8" Blowoff	E.A.		\$4,964.81	\$0.00
12" Blowoff	E.A.		\$8,208.46	\$0.00
4" Check Valve	E.A.		\$6,079.82	\$0.00
8" Check Valve	E.A.		\$11,148.01	\$0.00
Air Release Valve and Vault	E.A.		\$26,748.80	\$0.00
Bore & Jack (Up to 24" Casing w/Grout)	L.F.		\$1,483.95	\$0.00
Directional Drilling up to 12"	L.F.		\$22.59	\$0.00
Concrete Encasement	C.Y.		\$431.74	\$0.00
Borrow Backfill Material (Quantity = 10% of total linear feet of pipe)	L.F.		\$96.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

Water Subtotal (Sheet 2): \$0.00
 Water Subtotal (Sheet 1): \$0.00
Water Total: \$0.00

* Please include the estimated cost of water storage tanks as an additional line item in the cost estimate.

Sewer				
Item / Description	Unit	Quantity	Unit Price	Total
6" Clean-out Assembly	E.A.		\$1,702.91	\$0.00
4" Gravity PVC SDR - 35 / C900 DR 14	L.F.		\$164.00	\$0.00
6" Gravity PVC SDR - 35 / C900 DR 14	L.F.		\$172.00	\$0.00
8" Gravity PVC SDR - 35 / C900 DR 14	L.F.		\$369.00	\$0.00
10" Gravity PVC SDR - 35 / C900 DR 14	L.F.		\$222.00	\$0.00
12" Gravity PVC SDR - 35 / C900 DR 14	L.F.		\$249.00	\$0.00
24" Gravity, RCP	L.F.		\$533.15	\$0.00
4" Force Sewer, HDPE / DR-11	L.F.		\$33.08	\$0.00
6" Force Sewer, HDPE / DR-11	L.F.		\$62.65	\$0.00
8" Force Sewer, HDPE / DR-11	L.F.		\$72.93	\$0.00
10" Force Sewer, HDPE / DR-11	L.F.		\$101.83	\$0.00
12" Force Sewer, HDPE / DR-11	L.F.		\$137.59	\$0.00
6" Gravity/Force Sewer, DIP CI-52	L.F.		\$136.23	\$0.00
8" Gravity/Force Sewer, DIP CI-52	L.F.		\$285.00	\$0.00
10" Gravity/Force Sewer, DIP CI-52	L.F.		\$300.00	\$0.00
12" Gravity/Force Sewer, DIP CI-52	L.F.		\$324.00	\$0.00
16" Gravity/Force Sewer, DIP CI-52	L.F.		\$326.38	\$0.00
20" Gravity/Force Sewer, DIP CI-52	L.F.		\$457.97	\$0.00
1-1/2" Force Sewer, PVC SDR -21	L.F.		\$111.00	\$0.00
2" Force Sewer, PVC SDR -21	L.F.		\$111.00	\$0.00
2-1/2" Force Sewer, PVC SDR -22	L.F.		\$113.00	\$0.00
3" Force Sewer, PVC SDR - 21	L.F.		\$113.00	\$0.00
4" Force Sewer, PVC C900 / DR18	L.F.		\$23.37	\$0.00
6" Force Sewer, PVC C900 / DR18	L.F.		\$35.38	\$0.00
8" Force Sewer, PVC C900 / DR18	L.F.		\$52.93	\$0.00
10" Force Sewer, PVC C900 / DR18	L.F.		\$73.96	\$0.00
12" Force Sewer, PVC C900 / DR18	L.F.		\$262.62	\$0.00
1-1/2" Valve & Box	E.A.		\$1,405.49	\$0.00
2" Valve & Box	E.A.		\$1,417.83	\$0.00
2-1/2" Valve & Box	E.A.		\$2,051.40	\$0.00
3" Valve & Box	E.A.		\$1,746.46	\$0.00
4" Valve & Box	E.A.		\$3,342.94	\$0.00
6" Valve & Box	E.A.		\$4,052.54	\$0.00
MH-4' Dia., Precast	V.F.		\$751.26	\$0.00
MH-5' Dia., Precast	V.F.		\$2,060.00	\$0.00
Adjust 4' Dia MH Rings	V.F.		\$847.42	\$0.00
Adjust 5' Dia MH Rings	V.F.		\$1,216.37	\$0.00
MH - 6' Dia. Doghouse	V.F.		\$34,411.00	\$0.00
Standard Frame & Cover	EA.		\$1,768.00	\$0.00
Water Tight Frame & Cover	EA.		\$2,365.81	\$0.00
Drop Connection (Inside or Out)	EA.		\$3,618.13	\$0.00
Inserta-Tee	EA.		\$3,284.94	\$0.00
Kor-n-Seal, Tie-in to Manhole	EA.		\$3,618.13	\$0.00
Air Release Valve and Vault	E.A.		\$26,748.80	\$0.00
Bore & Jack (Up to 24" Casing w/Grout)	L.F.		\$1,483.95	\$0.00
Directional Drilling up to 12"	L.F.		\$25.48	\$0.00
Flushing Connection	E.A.		\$7,039.16	\$0.00
Grinder Pump, Duplex	E.A.		\$37,542.18	\$0.00
Oil/Grease Interceptors	E.A.		\$29,329.83	\$0.00
Septic Tank	1000 Gal		\$3,650.09	\$0.00
Borrow Backfill Material (Quantity = 10% of total linear feet of pipe)	L.F.		\$96.00	\$0.00
WWPS (Insert LS From Engineer's Estimate)*	L.S.	1		\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

\$0.00

* Please include the estimated cost of simplex grinder pumps and pump stations as an additional line item in the cost estimate.

Totals	
Water Total:	\$0.00
Sewer total:	\$0.00
Subtotal:	\$0.00
Contingencies (10% of subtotal):	\$0.00
Total:	\$0.00
Construction and Mobilization: <small>(10% of Total Construction Cost, \$500 min. \$2500 max.)</small>	\$0.00
Construction Survey Including Field Engineering: <small>(5% of Total Construction Cost, \$1000 min. \$50,000 max.)</small>	\$0.00
Engineer's Cost Estimate: <small>(Total of Water, Sewer, Construction Mobilization., and Construction Survey, Rounded to the nearest \$100)</small>	\$0.00
Bond/ Letter of Credit: <small>(110% of Engineers Cost Estimate, Rounded to the nearest \$100)</small>	\$0.00
Water and/or Sewer Infrastructure Inspection: <small>(2.5% of Bond/LOC amount (if applicable), or 2.5% of 110% of the Engineer's Cost Estimate, rounded to the nearest \$100 if no Bond/LOC is required, for projects ≤ \$385k; or 1.5% of Bond/LOC amount (if applicable), or 1.5% of 110% of the Engineer's Cost Estimate, rounded to the nearest \$100 if no Bond/LOC is required, for projects > \$385k.</small>	\$0.00

* Note: The prices for the pipes include the cost for bends, tees, crosses, reducers, caps, and all other incidentals.

**Note: This estimate is for MetCom use only and should not be used for any other purpose.

FOR METCOM STAFF ONLY

St. Mary's County	
Metropolitan Commission	
Engineering Department	
Reviewed for general conformance with design concept of the project and general compliance with requirements of the contract documents only. No contract requirements are waved.	
<input type="checkbox"/> Approved	<input type="checkbox"/> Revise & Resubmit
<input type="checkbox"/> Approved as Noted	<input type="checkbox"/> Rejected
By: _____	Date: _____