

**FAC 8314 SEPTIC TANK AND DRAIN FIELD**

FY24 SUC:	\$0.13 / GA
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 8314 SEPTIC TANK AND DRAIN FIELD

SUC \$0.13

Release 2023 Qtr 4

UM GA

Zip Code Prefix 222

Design Life 30

Type MR

Average Size 8639.386251

Adjusted Occurences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace pipe, 2" pipe and fittings, PVC	30	32.00 L.F.	\$2,277.33	\$2,817.72	1.0000	1	1	\$2,817.72	\$2,817.72	
Replace pipe, 6" pipe and fittings, PVC	30	16.00 L.F.	\$2,020.98	\$2,453.83	1.0000	1	1	\$2,453.83	\$2,453.83	
Replace rainwater sump pump / motor assembly	20	1.00 Ea.	\$639.87	\$757.30	1.5000	1	1	\$757.30	\$757.30	
Replace old valve, non-drain, 6"	10	1.00 Ea.	\$3,644.53	\$4,266.69	3.0000	3	3	\$12,800.07	\$12,800.07	
Replace old valve, non-drain, 2"	10	1.00 Ea.	\$1,208.68	\$1,386.45	3.0000	3	3	\$4,159.34	\$4,159.34	
			\$9,791.39	\$11,681.99				MR Subtotal	\$22,988.26	
									MR Per Year	\$766.28
									PM Total	\$371.07
									Subtotal	\$1,137.35
									Total Per Unit	\$0.13

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Valve, check, above 4", annualized	2.00	0.51	\$8.28	\$27.47	\$0.00	\$35.75	\$44.81	\$54.30
Storage tank, ground level, annualized	1.00	0.72	\$19.76	\$37.60	\$0.00	\$57.37	\$70.62	\$84.87
Filter plant, annually	0.20	1.78	\$3.97	\$92.11	\$0.00	\$96.07	\$124.10	\$152.33
Sewage lift, over 1 H.P., annualized	0.50	0.73	\$15.26	\$37.81	\$0.00	\$53.07	\$65.94	\$79.57
						\$242.26	\$305.48	\$371.07



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**Modeled Component List**  
**CostWorks Release 2023 Qtr 4**

D20 Plumbing	
Rainwater Sump Pump	1.0 Ea.
Valve, Non-Drain, 2"	1.0 Ea.
G30 Site Mechanical Utilities	
Storage Tank Ground Level, annualized	1.0 Each
Sewage Lift, annualized	0.5 Each

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Sustainment by Year  
CostWorks Release 2023 Qtr 4

