

FAC 8951 MISCELLANEOUS STORAGE TANK AND BASIN

FY24 SUC: \$0.0202 / GA
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 8951 MISCELLANEOUS STORAGE TANK AND BASIN

SUC \$0.0202

Release 2023 Qtr 4

UM GA

Zip Code Prefix 222

Design Life 45

Type MR

Average Size 215000.0

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	
Minor repairs to concrete floor unfinished	15	5.00 S.F.	\$190.67	\$232.68	3.0000	3	3	\$698.05	\$698.05	
Repair metal stairs	15	32.00 S.F.	\$2,309.36	\$2,670.27	3.0000	3	3	\$8,010.81	\$8,010.81	
Replace metal hand rail	30	2.00 L.F.	\$121.08	\$140.75	1.5000	1	1	\$140.75	\$140.75	
Metal floor grating repairs - (2% of grating)	10	64.00 S.F.	\$2,122.05	\$2,557.32	4.5000	4	4	\$10,229.30	\$10,229.30	
Clean out bucket floor drain with bucket	5	2.00 Ea.	\$618.30	\$774.00	9.0000	9	9	\$6,966.01	\$6,966.01	
Replace floor drain with bucket	40	2.00 Ea.	\$5,460.24	\$6,256.88	1.1250	1	1	\$6,256.88	\$6,256.88	
Preventive maintenance fuel level meter	5	1.00 Ea.	\$39.18	\$49.05	9.0000	9	9	\$441.42	\$441.42	
Install new 2" gasket, 1 per M.L.F. natural gas, steel/iron	30	4.00 Ea.	\$565.63	\$700.38	1.5000	1	1	\$700.38	\$700.38	
Replace 10' of buried 3" diam steel pipe/M.L.F. natural gas	12	12.00 Ea.	\$8,690.89	\$10,734.76	3.7500	3	3	\$32,204.27	\$32,204.27	
Prep & paint 100k gal. ground level fuel storage tank, 24' dia x 30' tall	25	2.00 Ea.	\$75,513.61	\$90,303.45	1.8000	1	1	\$90,303.45	\$90,303.45	
			\$95,631.01	\$114,419.54				MR Subtotal	\$155,951.32	
									MR Per Year	\$3,465.58
									PM Total	\$869.04
									Subtotal	\$4,334.62
									Total Per Unit	\$0.0202

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Fuel oil storage tank, above ground, annualized	1.00	3.28	\$23.44	\$169.84	\$0.00	\$193.29	\$246.58	\$301.05
Vertical lift, over 1 H.P., annualized	1.00	1.46	\$46.46	\$75.63	\$0.00	\$122.09	\$149.43	\$179.08
Water flow meter, turbine, annualized	1.00	0.59	\$18.72	\$30.42	\$0.00	\$49.14	\$60.14	\$72.08
Circuit breaker, high voltage air, annualized	1.00	0.47	\$13.83	\$32.48	\$0.00	\$46.31	\$57.43	\$69.25
Valve, sediment strainer, above 4", annualized	1.00	0.31	\$5.92	\$16.74	\$0.00	\$22.66	\$28.28	\$34.19
Duplex sump, annualized	1.00	1.65	\$26.82	\$88.94	\$0.00	\$115.76	\$145.13	\$175.83
Valve, globe, above 4", annualized	2.00	0.32	\$8.28	\$17.00	\$0.00	\$25.28	\$31.21	\$37.55
						\$574.53	\$718.20	\$869.04

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Modeled Component List

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B10 Superstructure	
Railing, Metal	2.0 L.F.
D20 Plumbing	
Floor Drain With Bucekt	2.0 Ea.
G30 Site Mechanical Utilities	
Fuel Oil Storage Tank, annualized	1.0 Each
Vertical Lift, annualized	1.0 Each
Water Flow Meter, Turbine, annualized	1.0 Each

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Sustainment by Year
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