

**FAC 8924 MISCELLANEOUS PUMP STATION**

FY24 SUC: \$950.51 / EA  
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 8924 MISCELLANEOUS PUMP STATION

Release 2023 Qtr 4  
Zip Code Prefix 222  
Type MR

UM EA  
Design Life 50  
Average Size 1.0

SUC \$950.51

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	
Insp./chk. pump/mtr. oper., lub., chk. align. circulation pump, 1/2 HP	1	1.00 Ea.	\$12.56	\$15.72	50.0000	50	50	\$786.09	\$786.09	
Replace pump / motor assembly, partial circulation pump, 1/2 HP	20	1.00 Ea.	\$4,075.42	\$4,693.63	2.5000	2	2	\$9,387.25	\$9,387.25	
Preventive maintenance oil filter	1	1.00 Ea.	\$7.09	\$8.52	50.0000	50	50	\$425.89	\$425.89	
Repack gate valve gland, 3/8" - 1-1/2" valves	10	1.00 Ea.	\$29.27	\$35.02	5.0000	5	5	\$175.12	\$175.12	
Replace gate valve, partial, 3/8" - 1-1/2" valves	20	2.00 Ea.	\$1,178.30	\$1,363.20	2.5000	2	2	\$2,726.40	\$2,726.40	
Maintenance and repair secondary transformer, liquid filled	25	1.00 Ea.	\$128.85	\$159.82	2.0000	2	2	\$319.65	\$319.65	
Replace service cable	50	0.20 M.L.F.	\$791.82	\$957.42	1.0000	1	1	\$957.42	\$957.42	
Maintenance and repair breaker, molded case, 480 V, 3 pole	20	2.00 Ea.	\$151.68	\$190.03	2.5000	2	2	\$380.07	\$380.07	
Maintenance and repair breaker, enclosed, 240 V, 1 pole	25	2.00 Ea.	\$151.68	\$190.03	2.0000	2	2	\$380.07	\$380.07	
Replace safety switch, heavy duty 30 A	25	1.00 Ea.	\$676.63	\$806.23	2.0000	2	2	\$1,612.47	\$1,612.47	
Maintenance and repair receptacles and plugs	20	1.00 Ea.	\$44.04	\$54.98	2.5000	2	2	\$109.96	\$109.96	
Replace fluorescent light fixture ballast, 80 W	10	2.00 Ea.	\$209.21	\$257.98	5.0000	5	3	\$1,289.91	\$773.94	
Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W	20	2.00 Ea.	\$495.25	\$602.75	2.5000	2	2	\$1,205.51	\$1,205.51	
Maintenance and repair electrical service ground	25	1.00 M.L.F.	\$92.28	\$115.32	2.0000	2	2	\$230.64	\$230.64	
Replace lamp with exit light L.E.D. retrofit kits	15	1.00 Ea.	\$109.06	\$125.48	3.3333	3	3	\$376.44	\$376.44	
Maintenance and repair voice/data outlet	10	1.00 Ea.	\$54.32	\$67.84	5.0000	5	5	\$339.21	\$339.21	
			\$8,207.47	\$9,643.99				MR Subtotal	\$20,186.13	
									MR Per Year	\$403.72
									PM Total	\$546.79
									Subtotal	\$950.51
									Total Per Unit	\$950.51

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UM EA

Zip Code Prefix 222

Design Life 50

Type PM

Average Size 1.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Pump, condensate return, over 1 H.P., annualized	1.00	1.12	\$63.76	\$71.07	\$0.00	\$134.82	\$162.52	\$193.40
Valve, motor operated, above 4", annually	3.00	1.50	\$24.90	\$79.79	\$0.00	\$104.68	\$131.11	\$158.78
Valve, OS&Y, above 4", annually	1.00	0.16	\$4.14	\$8.50	\$0.00	\$12.64	\$15.61	\$18.78
Duplex sump, annualized	1.00	1.65	\$26.82	\$88.94	\$0.00	\$115.76	\$145.13	\$175.83
						\$367.91	\$454.36	\$546.79



**FAC 8924 MISCELLANEOUS PUMP STATION**  
**Modeled Component List**  
**CostWorks Release 2023 Qtr 4**

D20 Plumbing	
Circulation Pump, 1/2 HP	1.0 Ea.
D50 Electrical	
Cable, Service	0.2 M.L.F.
Safety Switch, Heavy Duty	1.0 Ea.
Fluorescent Lighting Fixture	2.0 Ea.

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Sustainment by Year  
CostWorks Release 2023 Qtr 4

