

FAC 8924 MISCELLANEOUS PUMP STATION

FY22 SUC: \$894.17 / EA

Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 8924 MISCELLANEOUS PUMP STATION

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM EA
Design Life 50
Average Size 1.0

SUC \$894.17

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.	\$11.95	\$14.94	50.0000	50	50	\$747.18	\$747.18	
Replace pump / motor assembly, partial circulation pump, 1/2 HP	20	1.00 Ea.	\$3,822.30	\$4,402.23	2.5000	2	2	\$8,804.46	\$8,804.46	
Preventive maintenance oil filter	1	1.00 Ea.	\$6.19	\$7.48	50.0000	50	50	\$373.83	\$373.83	
Repack gate valve gland, 3/8" - 1-1/2" valves	10	1.00 Ea.	\$27.84	\$33.31	5.0000	5	5	\$166.55	\$166.55	
Replace gate valve, partial, 3/8" - 1-1/2" valves	20	2.00 Ea.	\$793.00	\$923.88	2.5000	2	2	\$1,847.77	\$1,847.77	
Maintenance and repair secondary transformer, liquid filled	25	1.00 Ea.	\$123.74	\$153.26	2.0000	2	2	\$306.52	\$306.52	
Replace service cable	50	0.20 M.L.F.	\$622.38	\$761.92	1.0000	1	1	\$761.92	\$761.92	
Maintenance and repair breaker, molded case, 480 V, 3 pole	20	2.00 Ea.	\$143.53	\$179.82	2.5000	2	2	\$359.63	\$359.63	
Maintenance and repair breaker, enclosed, 240 V, 1 pole	25	2.00 Ea.	\$143.53	\$179.82	2.0000	2	2	\$359.63	\$359.63	
Replace safety switch, heavy duty 30 A	25	1.00 Ea.	\$576.35	\$690.44	2.0000	2	2	\$1,380.88	\$1,380.88	
Maintenance and repair receptacles and plugs	20	1.00 Ea.	\$42.24	\$52.74	2.5000	2	2	\$105.48	\$105.48	
Replace fluorescent light fixture ballast, 80 W	10	2.00 Ea.	\$249.34	\$302.47	5.0000	5	3	\$1,512.37	\$907.42	
Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W	20	2.00 Ea.	\$454.87	\$554.83	2.5000	2	2	\$1,109.66	\$1,109.66	
Maintenance and repair electrical service ground	25	1.00 M.L.F.	\$87.89	\$109.79	2.0000	2	2	\$219.57	\$219.57	
Replace lamp with exit light L.E.D. retrofit kits	15	1.00 Ea.	\$72.11	\$83.41	3.3333	3	3	\$250.24	\$250.24	
Maintenance and repair voice/data outlet	10	1.00 Ea.	\$51.29	\$64.06	5.0000	5	5	\$320.29	\$320.29	
			\$7,228.55	\$8,514.39				MR Subtotal	\$18,021.03	
									MR Per Year	\$360.42
									PM Total	\$533.75
									Subtotal	\$894.17
									Total Per Unit	\$894.17

FAC 8924 MISCELLANEOUS PUMP STATION

SUC \$894.17

Release 2021 Qtr 3

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	\$63.19	\$67.40	\$0.00	\$130.58	\$157.12	\$186.82
Valve, motor operated, above 4", annually	3.00	1.50	\$35.18	\$75.33	\$0.00	\$110.51	\$136.62	\$164.50
Valve, OS&Y, above 4", annually	1.00	0.16	\$5.86	\$8.02	\$0.00	\$13.88	\$16.87	\$20.16
Duplex sump, annualized	1.00	1.65	\$23.25	\$83.25	\$0.00	\$106.51	\$133.81	\$162.27
						\$361.48	\$444.43	\$533.75

FAC 8924 MISCELLANEOUS PUMP STATION

Modeled Component List

CostWorks Release 2021 Qtr 3

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.
------------------------------	---------

FAC 8924 MISCELLANEOUS PUMP STATION
Sustainment by Year
CostWorks Release 2021 Qtr 3

