

FAC 8926 HAZARDOUS WASTE STORAGE OR DISPOSAL FACILITY

FY22 SUC: \$4,738.08 / EA

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

FAC 8926 HAZARDOUS WASTE STORAGE OR DISPOSAL FACILITY

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM EA
Design Life 45
Average Size 1.0

SUC \$4,738.08

Adjusted Occurrences 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 glass - 1st floor (1% of glass) - alum. window fixed	1	0.30 S.F.	\$3.62	\$4.25	45.0000	45	45	\$191.32	\$191.32
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	6.00 Ea.	\$868.42	\$1,035.65	2.2500	2	2	\$2,071.31	\$2,071.31
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	6.00 Ea.	\$2,928.79	\$3,471.15	0.9000	0	0	\$0.00	\$0.00
Repair steel, painted, door	14	2.00 Ea.	\$1,250.15	\$1,488.01	3.2143	3	3	\$4,464.03	\$4,464.03
Refinish 3'-0" x 7'-0" steel, painted, door	4	2.00 Ea.	\$82.80	\$101.73	11.2500	11	11	\$1,119.06	\$1,119.06
Replace 3'-0" x 7'-0" steel, painted, door	45	2.00 Ea.	\$1,410.13	\$1,639.46	1.0000	1	1	\$1,639.46	\$1,639.46
Repair 12' x 12' steel roll-up door	10	2.00 Ea.	\$1,351.79	\$1,604.43	4.5000	4	4	\$6,417.73	\$6,417.73
Refinish 12' x 12' steel roll-up door	5	2.00 Ea.	\$406.90	\$498.38	9.0000	9	9	\$4,485.40	\$4,485.40
Minor asphalt shingle repair, 2% of roof area	1	100.30 S.F.	\$505.80	\$605.97	45.0000	45	45	\$27,268.74	\$27,268.74
Asphalt shingle flashing repairs, 2 S.F. per sq. repaired	1	2.00 S.F.	\$31.96	\$38.25	45.0000	45	45	\$1,721.22	\$1,721.22
Install new asphalt shingles over existing shingles	20	50.00 Sq.	\$13,819.63	\$16,295.13	2.2500	2	2	\$32,590.27	\$32,590.27
Total asphalt shingle roof replacement	40	50.00 Sq.	\$19,498.61	\$23,169.86	1.1250	1	1	\$23,169.86	\$23,169.86
Repair 8" concrete block wall - (2% of walls) painted	25	0.20 C.S.F.	\$217.93	\$261.67	1.8000	1	1	\$261.67	\$261.67
Repair steel painted interior door	14	2.00 Ea.	\$586.90	\$683.13	3.2143	3	3	\$2,049.38	\$2,049.38
Refinish 3'-0" x 7'-0" steel painted interior door	4	2.00 Ea.	\$105.17	\$129.57	11.2500	11	11	\$1,425.30	\$1,425.30
Replace 3'-0" x 7'-0" steel painted interior door	60	2.00 Ea.	\$2,436.07	\$2,824.17	0.7500	0	0	\$0.00	\$0.00
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	45.0000	45	45	\$1,931.79	\$1,931.79
Replace sprinkler head	20	15.00 Ea.	\$1,282.84	\$1,577.84	2.2500	2	2	\$3,155.69	\$3,155.69
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$710.41	\$851.09	45.0000	45	45	\$38,299.22	\$38,299.22
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	15.0000	15	15	\$763.82	\$763.82
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	6.00 Ea.	\$194.33	\$243.47	90.0000	90	90	\$21,912.15	\$21,912.15
Maintenance and repair safety switch general, 2 pole	8	1.00 Ea.	\$40.64	\$50.92	5.6250	5	5	\$254.61	\$254.61
Replace high pressure sodium ballast, 250 W	10	10.00 Ea.	\$1,938.49	\$2,298.51	4.5000	4	4	\$9,194.04	\$9,194.04
Replace high pressure sodium fixture lamp, 250 W	10	10.00 Ea.	\$556.58	\$675.97	4.5000	4	4	\$2,703.90	\$2,703.90
Repair smoke detector	10	10.00 Ea.	\$563.88	\$697.14	4.5000	4	3	\$2,788.56	\$2,091.42
Check operation smoke detector	1	10.00 Ea.	\$161.94	\$202.89	45.0000	45	45	\$9,130.06	\$9,130.06
Replace smoke detector	15	10.00 Ea.	\$2,842.37	\$3,394.62	3.0000	3	3	\$10,183.86	\$10,183.86
Check and repair manual pull station	10	1.00 Ea.	\$87.70	\$107.83	4.5000	4	3	\$431.32	\$323.49
Replace manual pull station	15	1.00 Ea.	\$203.47	\$244.94	3.0000	3	3	\$734.82	\$734.82
Replace fire alarm bell, 6"	20	1.00 Ea.	\$194.96	\$235.28	2.2500	2	2	\$470.55	\$470.55
			\$54,357.24	\$64,525.18			MR Subtotal	\$210,024.16	

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
								MR Per Year	\$4,667.20
								PM Total	\$70.88
								Subtotal	\$4,738.08
								Total Per Unit	\$4,738.08

FAC 8926 HAZARDOUS WASTE STORAGE OR DISPOSAL FACILITYSUC \$4,738.08

Release 2021 Qtr 3UM EA

Zip Code Prefix 222Design Life 45

Type PMAverage Size 1.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	2.00	0.52	\$29.18	\$21.50	\$0.00	\$50.68	\$60.05	\$70.88
						\$50.68	\$60.05	\$70.88

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Modeled Component List

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B20 Exterior Enclosure		
Aluminum Window, Fixed, 1st floor		6.0 Ea.
Steel, Painted		2.0 Ea.
C10 Interior Construction		
Steel Painted Interior Doors		2.0 Ea.
D40 Fire Protection		
Sprinkler System, Fire Supression, sprinkler head		15.0 Ea.
Sprinkler System, Fire Supression , 3" backflow preventer		1.0 Ea.
D50 Electrical		
Load Center, 100 A, maintenance & inspection		1.0 Ea.
Smoke Detector		10.0 Ea.
Manual Pull Station		1.0 Ea.
Fire Alarm Bell		1.0 Ea.

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Sustainment by Year
CostWorks Release 2021 Qtr 3

