

FAC 8331 REFUSE COLLECTION AND RECYCLING CENTER

FY22 SUC: \$2.48 SF

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

FAC 8331 REFUSE COLLECTION AND RECYCLING CENTER

Release 2021 Qtr 3

Zip Code Prefix 222

Type MR

UM SF

Design Life 45

Average Size 1500.0

SUC \$2.48

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	150.00 S.F.	\$5,908.26	\$7,166.06	3.0000	3	3	\$21,498.19	\$21,498.19
Waterproof concrete block wall, 1st floor	10	16.40 C.S.F.	\$3,722.84	\$4,428.14	4.5000	4	4	\$17,712.55	\$17,712.55
Debris removal, by hand and visual inspection, metal panel roofing	1	1.50 M.S.F.	\$34.18	\$41.68	45.0000	45	45	\$1,875.81	\$1,875.81
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	30.00 S.F.	\$104.79	\$125.73	9.0000	9	9	\$1,131.56	\$1,131.56
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	0.60 S.F.	\$10.98	\$13.30	45.0000	45	45	\$598.66	\$598.66
Total metal roof panel replacement	30	14.00 Sq.	\$11,832.05	\$14,014.23	1.5000	1	1	\$14,014.23	\$14,014.23
Refinish concrete floor finished	25	12.00 C.S.F.	\$5,061.93	\$6,080.16	1.8000	1	1	\$6,080.16	\$6,080.16
Clean out bucket floor drain with bucket	5	4.00 Ea.	\$1,177.52	\$1,472.62	9.0000	9	9	\$13,253.55	\$13,253.55
Replace floor drain with bucket	40	4.00 Ea.	\$8,642.86	\$9,919.47	1.1250	1	1	\$9,919.47	\$9,919.47
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	4.00 Ea.	\$342.09	\$420.76	2.2500	2	2	\$841.52	\$841.52
Replace high pressure sodium ballast, 250 W	10	6.00 Ea.	\$1,163.09	\$1,379.11	4.5000	4	4	\$5,516.42	\$5,516.42
Replace high pressure sodium fixture lamp, 250 W	10	6.00 Ea.	\$333.95	\$405.58	4.5000	4	4	\$1,622.34	\$1,622.34
Minor chain link fence repairs, per 10 LF	1	5.00 Ea.	\$134.88	\$165.92	45.0000	45	45	\$7,466.21	\$7,466.21
			\$38,503.74	\$45,675.68					
								MR Subtotal	\$103,462.44
								MR Per Year	\$2,299.17
								PM Total	\$1,422.89
								Subtotal	\$3,722.06
								Total Per Unit	\$2.48

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Release 2021 Qtr 3 UM SF
Zip Code Prefix 222 Design Life 45
Type PM Average Size 1500.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Valve, sediment strainer, above 4", annualized	1.00	0.31	\$5.61	\$15.77	\$0.00	\$21.38	\$26.67	\$32.25
Transformer, dry type 500 KVA and over, annualized	1.00	0.77	\$15.16	\$50.76	\$0.00	\$65.92	\$82.66	\$100.17
Hydraulic lift, loading dock, annualized	1.00	1.63	\$24.64	\$55.61	\$0.00	\$80.25	\$99.40	\$119.78
						\$914.17	\$1,165.69	\$1,422.89

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Modeled Component List CostWorks Release 2021 Qtr 3

B30 Roofing		
Metal Steep Roofing	14.0 Sq.	
C30 Interior Finishes		
Concrete, Finished	12.0 C.S.F.	
D20 Plumbing		
Floor Drain With Bucekt	4.0 Ea.	
D40 Fire Protection		
Sprinkler System, Fire Supression, sprinkler head	4.0 Ea.	
E10 Equipment		
Hydraulic Lift, Loading Dock, annualized	1.0 Each	

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Sustainment by Year
CostWorks Release 2021 Qtr 3

