

FAC 8313 WATER SEPARATION FACILITY

FY24 SUC:	\$3.97 / KG
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 8313 WATER SEPARATION FACILITY

SUC \$3.97

Release 2023 Qtr 4

UM KG

Zip Code Prefix 222

Design Life 50

Type MR

Average Size 182.0

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
Inspect / check pump / motor operation, lubricate circulation pump, 1/12 HP	0.5	1.00 Ea.	\$8.44	\$10.56	100.0000	100	100	\$1,056.19	\$1,056.19
Replace rainwater sump pump / motor assembly	20	1.00 Ea.	\$639.87	\$757.30	2.5000	2	2	\$1,514.61	\$1,514.61
Replace old valve, non-drain, 6"	10	1.00 Ea.	\$3,644.53	\$4,266.69	5.0000	5	5	\$21,333.45	\$21,333.45
			\$4,292.83	\$5,034.56				MR Subtotal	\$23,904.24
								MR Per Year	\$478.08
								PM Total	\$244.02
								Subtotal	\$722.10
								Total Per Unit	\$3.97

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Storage tank, ground level, annualized	1.00	0.72	\$19.76	\$37.60	\$0.00	\$57.37	\$70.62	\$84.87
Sewage lift, over 1 H.P., annualized	1.00	1.46	\$30.51	\$75.63	\$0.00	\$106.14	\$131.88	\$159.15
						\$163.51	\$202.51	\$244.02

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Modeled Component List

CostWorks Release 2023 Qtr 4

D20 Plumbing

Rainwater Sump Pump	1.0 Ea.
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G30 Site Mechanical Utilities

Storage Tank Ground Level, annualized	1.0 Each
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Sewage Lift, annualized	1.0 Each
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Sustainment by Year
CostWorks Release 2023 Qtr 4

