

**FAC 8313 WATER SEPARATION FACILITY**

FY22 SUC:       \$3.89 KG

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

FAC 8313 WATER SEPARATION FACILITY

Release 2021 Qtr 3  
Zip Code Prefix 222  
Type MR

UM KG  
Design Life 50  
Average Size 182.0

SUC \$3.89

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.	\$8.03	\$10.04	100.0000	100	100	\$1,003.93	\$1,003.93	
Replace rainwater sump pump / motor assembly	20	1.00 Ea.	\$632.43	\$747.09	2.5000	2	2	\$1,494.18	\$1,494.18	
Replace old valve, non-drain, 6"	10	1.00 Ea.	\$3,586.53	\$4,193.13	5.0000	5	5	\$20,965.63	\$20,965.63	
			\$4,226.99	\$4,950.26				MR Subtotal	\$23,463.75	
									MR Per Year	\$469.27
									PM Total	\$238.23
									Subtotal	\$707.50
									Total Per Unit	\$3.89

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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	\$18.38	\$35.27	\$0.00	\$53.65	\$66.07	\$79.41
Sewage lift, over 1 H.P., annualized	1.00	1.46	\$36.75	\$70.55	\$0.00	\$107.30	\$132.14	\$158.82
						\$160.95	\$198.21	\$238.23



# **FAC 8313 WATER SEPARATION FACILITY**

## **Modeled Component List**

### **CostWorks Release 2021 Qtr 3**

#### **D20 Plumbing**

Rainwater Sump Pump

1.0 Ea.

#### **G30 Site Mechanical Utilities**

Storage Tank Ground Level, annualized

1.0 Each

Sewage Lift, annualized

1.0 Each

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Sustainment by Year  
CostWorks Release 2021 Qtr 3

