

FAC 8313 Water Separation Facility

RUC: \$92.15 KG

Source: Inflated from V10 using SPBI to FY-08; projected to FY-09 using Green Book Table 5-6 MCON

In V12, Tri-Service and USACE PAX Newsletter values were updated while all other values were inflated only.

Original source: Vendor Quote

SUC: \$0.52 KG

Source: Inflated from V10 using ENR-based index; projected to FY-09 using Green Book Table 5-6 (O&M less DHP)

Original source: R.S. Means Facilities Maintenance and Repair Cost Book, 2004
In V12, values were inflated only.

FAC 8313

Grit/Oil/Water Separator

Inventory consists of gravity oil/grit-water separators, average size 97.87 KG
 $97.87 \text{ KG} = 97.87 \times 1000 / 24 / 60 = 67.96 \text{ GPM}$ (to determine trade size)
 Next largest trade size is 100 gpm

CCF

Source of the unit cost is a quotation from Jack Corbett of Tanks and Shelters Direct (800) 865-5555 X20 with excavation coming from BNi Building News 02220.40 (small scale excavation) p. 25

	EA	Type
Tank, 100 gpm	\$11,500.00	HT 2000 ACT 100U Urethane Coated Single Wall
Excavation, 5 CY @ 11.90/CY	59.5	
Haul/Dump, 10 mile, @ 6.55/CY	32.75	
Install tank = 1000 septic tank	290	BNi 02740.50, Pg 58
Total	\$11,882.25	per 100 gpm
Convert to "per KG"		
	100 gpm =	144 KG
	\$82.52	per KG

Escalated from 2004 to 2007

	MILCON Deflator			
Year	2007	2002	2003	2004
Deflator	105.51	96.88	98.42	100

CCF, 2007 =	\$87.06
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