

**FAC 8412      Water Treatment Facility**

RUC:                \$1,950.21 KG

Source:            Marshall & Swift 14/40 adjusted for area and inflation using Marshall & Swift  
Section 99  
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.

Calculation follows:

SUC:                \$20.34 KG

Source:            Inflated from V10 using ENR-based index to FY-08; projected to FY-09 using  
Green Book Table 5-6 (O&M less DHP)  
Original source: February 2006 IV&V "Facilities Sustainment Cost Factor  
Evaluation"  
In V12, values were inflated only.

8412 14/40  
Feb 08

Water Treatment Facility

Ave = 3200 KG

Using Medium, 750 - 1M GPD

Average of:

Note: inventory is very skewed; most plants recorded with 0 KG; number of plants between 0 & 1000 < 150;

150 plants between 1000 and 10,000;

102 plants between 10 MGD and 25 MGD; cost chosen is for plants 2 - 10 MGD; chose 1 MGD as representative size.

Per Gallon		KG	Price/KG	Adjustments		Total
Lo	Hi			Current	DC	
1.2	2.8	2	1000	2000	1.01	1.03
						2080.6