

FAC 8811 DAM

FY22 SUC: \$290,148.23 EA

Source: Inflated from FY21(v23) using ENR labor and material cost indices to measure actual inflation.

Original Source: New Model for FY19. RS Means CostWorks with 3rd Quarter 2018 component prices. Based on USACE National Inventory of Dams, and the 2017 RPAD, the Dam SUC is modeled as an earthen dam 510 FT long by 31 FT tall.

<i>CostWorks 2018 Quarter 3 - FAC 8811 - Dam</i>							
ESL =	39						
Mean Size	1	Each					
Qty	Description	Freq	Crew	Total	Total Incl. O&P	Occurrences in Life	Total for Life
3,467.000	Geosynthetic soil stabilization, geotextile fabric, non-woven, 120 lb. tensile strength	30	2 Clab	4,992.48	5,859.23	1	\$ 4,992.48
600.000	Rip-rap and rock lining, random, broken stone, 50 lb. average, dumped	30	B11A	23,454.00	26,100.00	1	\$ 23,454.00
2,311.000	Compaction, 4 passes, 6" lifts, riding, sheepsfoot or wobbly wheel roller	30	B10G	3,489.61	4,321.57	1	\$ 3,489.61
41.600	Mowing, mowing brush, heavy density, tractor with rotary mower	1	B84	3,619.20	4,867.20	39	\$ 141,148.80
68.000	Public storm utility drainage piping, reinforced concrete pipe (RCP), 36" diameter	30	B13	7,609.20	9,316.00	1	\$ 7,609.20
41.600	Seeding athletic fields, seeding slope mix, 6 lb. per M.S.F., tractor spreader	1	B66	1,243.84	1,497.60	39	\$ 48,509.76
60.000	Drain, trench, polyester polymer for cement concrete encasement, 4" internal diameter	10	Q1	8,406.00	9,480.00	3	\$ 25,218.00
1.000	Utility area drain, catch basins or manholes frames and grates, cast iron, 24" square	30	B6	548.50	660.00	1	\$ 548.50
Totals				\$53,362.83	\$62,101.60		\$ 254,970.35