

FAC 7518 MARINA

FY22 SUC: \$10,041.61 / EA
Source: Inflated from previous FY using ENR labor and material cost indices to measure actual inflation.
Original Source: Composite of Multiple FACS, 2010

FAC 7518 SUC FY16v18 - Marina
2014 RPAD: 55 Assets
UM: EA
Design Size: 1
ESL 37
FAC Modeled with 90 slips (3708 sf) and 2 concrete boat ramps

Maintenance Type	Maintenance Activity	Frequency	Duration (Hours)	Crew	Labor Rate (+ Fringe and Overhead)	Equipment	Equipment rate	Material	Material Quantity	Material Cost / Unit	Cost / Occurrence	Occurrences in ESL	Cost Over Lifetime
Preventative Maintenance	Safety and Maintenance Inspection	0.083	2.5	1 x WG9(5)	\$ 36.67			0	0	0	\$ 91.67	444	\$ 40,703.46
Maintenance / Repair	Miscellaneous Repairs	1	32	2 x WG7(5)	\$ 59.94			Cleats, mooring rings, dock edge piling bumper	36	95.97	\$ 5,373.04	37	\$ 198,802.52
Maintenance / Repair	Repair Vinyl decking, 10% of decking	5	40	2 x WG7(5)	\$ 59.94	1 x Pickup Truck	\$ 13.65	Vinyl Decking per SF	742	2.68	\$ 4,932.21	7	\$ 34,525.48
Maintenance / Repair	Minor Repairs to concrete ramp	15	80	1 x WG9(5) + 2 x WG7(5)	\$ 96.61	1 x Truck, Dump	\$ 34.40	Concrete per SF	480	3.10	\$ 11,968.88	2	\$ 23,937.77
Sum of Costs over Lifetime													\$ 297,969.22
Cost per Year													\$ 8,053.22
Cost per UM													\$ 8,053.22

References
DoD Real Property Categorization System (RPCS) FY2015
FY 2014 Real Property Assets Database
Fairfax County Park Authority Park Maintenance Standards Handbook March 2014
RS Means Facilities Construction Cost Data; 30th Ed
2015 Salary Tables from OPM.gov with Circular No. A-76 Revised
RS Means "Costworks" FMR 2015Q3