

## FAC 1512 WHARF

SUC FY22: \$19.54 SY

Source: FY21 Cost data for inspections and repairs provided by Naval Facilities Engineering Command.

FAC 1512	Expected Service Life (ESL)	50	Years
FY22 SUC Remodel	2020 RPAD Average Size	4820	SY

Pivot Capture from CALC Table

Row Labels	Sum of ADJ Net Cost w/OP	Average of ADJ Net Cost w/OP	Average of ADJ Net Cost w/OP per SY	Frequency (Years, based on UFC)	# Of Events in 50 Years	Lifetime Cost /SY
Inspection			\$19.78	6	8	\$ 158.21
H1010 - Pile	\$101,529,463.70	\$214,197.18	\$59.90	10	5	\$299.50
H1020 Superstructure	\$22,801,807.44	\$175,398.52	\$62.76	25	2	\$125.52
H1030 Deck	\$41,670,735.26	\$110,532.45	\$50.68	10	5	\$253.40
H1040 Mooring	\$20,847,922.05	\$47,167.24	\$16.00	10	5	\$80.00
H1050 - Other Pier Component	\$651,668.47	\$7,947.18	\$6.18	10	5	\$30.90
H5 - Other Ancillary Components	\$2,652,039.38	\$7,091.01	\$5.91	10	5	\$29.55
Grand Total	\$190,153,636.30	\$101,199.38	\$34.83		Subtotal	\$977.08
					Per Year	\$19.54
					FY22 FSMv24 SUC	\$19.54

Notes:

Data Provided by EXWC October, 2020

Inspection Costs are same as Pier (FAC 1511) Inspection Costs inflated to FY21

Each Maintenance Event cost normalized for size of individual pier worked on

O/P Set to 20%

Inspection frequency based on UFC 4-150-07, *Maintenance of Waterfront Facilities*