

Summary of Scenario Environmental Impacts

DON Scenario: DON-0133 (DON Installations only)

Action 1: Close all base operations at Naval Shipyard Portsmouth, Kittery, ME. (DON-0133)

Action 2: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD NORFOLK VA.

Action 3: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD PUGET SOUND WA.

Action 4: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD PEARL HARBOR, HI.

Action 11: Consolidate SUBMEPP PORTSMOUTH with NAVSHIPYD NORFOLK VA.

(Actions 5-10 deleted)

General Environmental Impacts

Environmental Resource Area	Naval Shipyard Portsmouth (Installation Closed)	Naval Shipyard Norfolk (Gaining Installation)	Naval Station Bremerton (NSY Puget Sound) (Gaining Installation)	Naval Station Pearl Harbor (NSY Pearl Harbor Gaining Installation)
Air Quality	Slight Improvement to Air Quality	Possible Impact from additional functions. Scenario would result in an estimated net personnel increase of 3,083 people at the receiving facility. The estimated additional NOx emissions for this number of people is 62.8 tons/yr. Based on a Conformity Determination triggering threshold of 100 tons/yr, this level of increased emissions would	No impact. In attainment.	No impact.

		not trigger a formal Conformity Determination. Naval Shipyard Norfolk is in Maintenance for 1 Hour Ozone, and Marginal Non attainment for the 8-hour Ozone.		
Cultural/ Archeological/ Tribal Resources	No impact.	Some buildings are listed as State of Virginia historical sites. However, the new functions proposed at NNSY will require simple facility modifications that the State Historical Preservation Office has approved in the past.	The new mission will not be constrained by cultural, archeological or tribal restriction, but consultation with SHPO and Suquamish Tribe will be necessary for most construction projects.	No impact.
Dredging	No impact.	No Impact.	No impact.	No impact.
Land Use Constraints/ Sensitive Resource Areas ESQD arcs	No impact.	No impact.	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Alleviates impacts to marine mammals.	No impact.	No impact.	No impact.
Noise	Reduces noise levels	No impact.	No impact.	No impact.
Threatened& Endangered Species/ Critical Habitat	No impact.	No impact.	NAVSTA Bremerton does not have a biological opinion. Threatened and endangered species are present no impacts are anticipated.	No impact.

Waste Management	Reduces waste disposals associated with the lost assets.	Possible impact. Increased waste volumes can be accommodated without significant changes to existing facilities and disposal mechanisms.	Possible impact. The solid waste burden is calculated at 4.5 pounds per person per day. Based upon the personnel movement identified in the scenario, the increase in the solid waste burden would be 200K pounds annually.	No impact.
Water Resources	Reduces water usage associated with the lost assets.	Possible impact. Increased usage of water resources. Naval Shipyard Norfolk discharges to an impaired waterway. Groundwater and Surface water contamination is reported.	No impact.	No impact.
Wetlands	No impact.	No impact.	NAVSTA Bremerton has 16% of the station listed as wetlands. Infracation onto these wetlands could create a problem requiring mitigation.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Shipyard Portsmouth (Installation Closed)	Naval Shipyard Norfolk (Gaining Installation)	Naval Station Bremerton (NSY Puget Sound) (Gaining Installation)	Naval Station Pearl Harbor (NSY Pearl Harbor Gaining Installation)
Environmental Restoration	DERA costs \$ 46.8M thru FY 03; with \$47.1 M CTC	DERA costs \$1.4 M thru FY 03; with \$3.7 M CTC	DERA costs \$70.3M thru FY03; \$27.5M CTC	NSY DERA costs \$20.9M thru FY03; \$11.1M CTC
Waste Management	None	None	None	None
Environmental Compliance	<p>\$735K Spill Response Capabilities. Via formal Mutual Aid Agreements, Portsmouth Naval Shipyard provides Hazardous Material Spill Response capability for York County in the State of Maine; and Oil Spill Response Capabilities in support of the regional Response Teams and the Piscataqua River Cooperative (PRC). These capabilities would no longer be available. Therefore, PRC has indicated that they will need to purchase \$735K of additional equipment if PNS capabilities were no longer available.</p> <p>\$54K – Modify Air permit.</p>	\$400K Environmental Assessment	None	None

	<p>\$216K – Remove tanks and dispose of material.</p> <p>\$2.1M – One time costs to drain down/clean processing units (ex: air emissions control devices, etc.)</p> <p>\$1.2M – Close Bulk storage tanks</p> <p>\$269K – EA/EIS</p>			
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