

Summary of Scenario Environmental Impacts

DON scenario DON-0033R

Action 1: Close SUBASE New London, CT.

Action 2: Relocate SSNs from SUBASE New London, CT, to SUBASE Kings Bay, GA, to include required personnel, equipment, and support.

Action 3: Relocate SSNs from SUBASE New London, CT, to Naval Station Norfolk, VA, to include required personnel, equipment, and support.

Action 4: Relocate COMSUBGRU TWO from SUBASE New London, CT, to Naval Station Norfolk, VA.

Action 5: Disestablish COMNAVREG NE, Groton, CT. Realign Installation Management function to COMNAVREG MIDLANT Norfolk, VA.

Action 6: Relocate NAVSUBSCOL Groton, CT, to SUBASE Kings Bay, GA.

Action 7: Consolidate NAVSUBSCOL Groton, CT, with SUBTRAFAC Norfolk, VA.

Action 8: Relocate CENSUBLEARNING Groton, CT, to SUBASE Kings Bay, GA.

Action 9: Consolidate NSGA Groton, CT, with NSGA Norfolk, VA.

Action 10: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with TRF Kings Bay, GA.

Action 11: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with SIMA Norfolk, VA.

Action 12: Consolidate the SSN intermediate repair function of Naval Submarine Support Facility New London, CT, with NSY Norfolk, VA.

Action 14: Disestablish NAVHLTHCARE NEW ENGLAND NEWPORT, RI, function Naval Ambulatory Care Center Groton, CT.

Action 13 and 15: Co-locate NAVSUBMEDRSCHLAB NEW LONDON CT with NAVMEDRSCHCEN SILVER SPRING MD at Walter Reed Army Medical Center Forest Glen Annex, Silver Spring, MD. (Data for this action was taken from Action 1 of MED-0055, which replaced Action 4 of MED-0024. The Army provided Data for Walter Reed Army Medical Center.)

Action 16: Relocate the NAVOPMEDINST Pensacola FL function Naval Undersea Medical Institute Groton, CT, to NAS Pensacola, FL. (Data for this action was taken from Action 1 of the MED-0036 scenario.)

Action 17: Relocate the NAVOPMEDINST Pensacola, FL function Naval Undersea Medical Institute Groton, CT, Submarine Independent Duty Hospital Corpsman School to FT Sam Houston. (Data for this action was taken from Action 2 of the MED-0036 scenario.)

General Environmental Impacts

Environmental Resource Area	Naval Submarine Base New London, CT (Installation Closed)	Naval Station Norfolk, VA (Gaining Installation)	Naval Submarine Base Kings Bay, GA (Gaining Installation)	Walter Reed Medical Center, Forest Glenn Annex, MD (Gaining Installation)
Air Quality	No impact.	Marginal Non-attainment for Ozone (1hr). Possible Air Conformity determination.	Attainment for all criteria pollutants.	Impact expected. The installation is in Severe Non-attainment for Ozone (1-hour and 8-hour). Air conformity analysis and New Source Review and permitting required due to construction.
Cultural/Archeological/Tribal Resources	No impact.	No impact.	Historic property identified. Scenario will not impact historic property.	A very limited portion of the installation has been surveyed for cultural resources; therefore the extent of cultural resources on the installation and impacts to these resources is

				uncertain.
Dredging	No impact.	Dredging permits required. No impediments.	Additional dredging will be required by scenario for floating drydock. No impediments to dredging exist.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	226 unconstrained acres out of 3384 total acres. Will not need to expand ESQD arcs for this scenario.	Installation reports 2,507 unconstrained acres available for development. No impacts.	Possible impact. Possible that insufficient buildable acres at WRAMC-Forest Glenn. Only acreage reported is on top of a landfill and hyperbaric chamber can only be built on solid rock foundation. Demolition of old structure may have to occur to allow for construction of hyperbaric chamber and due to historic operations at this location (possible use of dry

				cleaning solvents) and existence of UST, environmental cleanup costs are possible.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Alleviates impacts to winter flounder and shellfish beds.	Possible impact. Expect higher frequency and higher concentration of off base operations.	Possible impact. Scenario is expected to impact the Northern Right Whale calving area. Manatee sighting logs will need to be maintained as current SOP directs.	No impact.
Noise	No impact.	No impact.	No impacts.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	Possible impact. Expect higher frequency and higher concentration of operations.	TES have been identified with the potential to restrict operations. Current INRMP will cover new scope of operations. No new or additional impacts.	No impact.

Waste Management	Reduces waste disposals associated with the lost assets.	No impact.	No impact.	No impact. Additional hazardous waste management costs will increase due to increase in lab and research operations. Incoming personnel will not require use of OB/OD area.
Water Resources	Reduces water usage associated with the lost assets.	Shipboard discharges from SSN's have typically caused problems at sanitary sewage lift stations. Due to the layout of SSN's food grease and petroleum products typically mix and emulsify before leaving the ship. This emulsified mixture must be removed from the pier lift stations before it is discharged to the local POTW. If the mixture escapes to the POTW it interrupts the treatment process and can result in the issuance of a notice of violation and stricter permit controls which could require controls on how the SSN's dispose of CHT. In order to prevent disruption to the POTW increase cleaning of lift stations will be	To accomplish this mission there will need to be modifications and upgrades to the existing waste water systems. Provide lines and lift station to remove sanitary and industrial waste and convey them to the treatment facilities and protect as needed for pier services. Additional lines and lift stations for support services for barracks, training facilities, etc. Upgrade, maintenance, and repair to the treatment facilities includes the industrial waste treatment facilities, waterfront wastewater treatment plant,	No impact.

		required, including additional labor and disposal costs.	and upper base wastewater treatment plant and the spray fields of the land application system. Additions and revisions to the System Control and Data Acquisition System (SCADA).	
Wetlands	No impact.	No impacts.	No impacts.	Wetland survey may need to be conducted to determine impact, as appropriate.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Submarine Base New London, CT (Installation Closed)	Naval Station Norfolk, VA (Gaining Installation)	Naval Submarine Base Kings Bay, GA (Gaining Installation)	Walter Reed Medical Center, Forest Glenn Annex, MD (Gaining Installation)
Environmental Restoration	DERA costs \$56.5 M thru FY 03; \$23.9 M CTC	DERA costs \$85.9 M thru FY 03; \$24.3 M CTC	DERA costs \$14.0M thru FY03; \$759K CTC	None.
Waste Management	HAZMAT Procurement/HA ZWASTE disposal \$1K	To prevent disruption to the POTW additional labor and disposal costs will be	\$8.2M SUBBASE Water, Sanitary/Wastewater and Oily Waste System	None.

		required. Increased waste disposal costs.	Upgrades.	
Environmental Compliance	Closure, treatment, Storage and Disposal Facilities and Controlled Industrial Facility. Removal of existing HAZMAT (product in tanks, storage containers, fuel in abandoned pipelines, etc.	\$15,000 Dredging permit. \$93K EA for dredging \$20K Air Conformity determination for Sea Wolf projects.	\$2M Environmental Impact Statement \$75K Hazardous Waste Response Satellite Sites \$375K Costs for updating environmental plans: Spill Prevention, Control and Countermeasure, Facility Response Plan, Hazardous Waste Management Plan, Integrated Natural Resources Management Plan, and Industrial Waste Water Management Plan.	\$50K Air conformity analysis \$100K New Source Review \$100K NEPA documentation.

General Environmental Impacts

Environmental Resource Area	FT Sam Houston (Installation Realigned)	NAS Pensacola, FL (Installation Gaining Function)
Air Quality	No impact.	The installation is in attainment for all criteria pollutants. No impact.

Cultural/Archeological/Tribal Resources	Potential impact. Due to planned construction and interest from non-local tribes, a potential impact may occur as a result of time delays and negotiated restrictions. Since there is no Programmatic Agreement, potential impacts may occur since resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs.	Historic property identified on installation. Programmatic agreement in place with SHPO. Potential impact for MILCON.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	Installation reports 1230 unconstrained acres available for development. No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	No impact. Consider need to purchase additional hazardous waste disposal services due to additional laboratory and research operations.	Installation does not have a RCRA TSDF facility. Additional Waste Disposal fees.
Water Resources	Installation is currently experiencing water constraints which will be exacerbated by increased demands due to population and mission increase.	Increases Water Usage. Groundwater contamination present. No impact from additional operations
Wetlands	No impact.	Installation has 11.2% wetland restricted acres on base. Potential impact for MILCON.

Impacts of Costs

Selection Criterion 8 Environmental Points	FT Sam Houston (Installation Realigned)	NAS Pensacola, FL (Installation Realigned)
Environmental Restoration	None.	DERA Costs through FY-03 were \$56.1M; \$59.2M CTC
Waste Management	None.	\$5K HAZWASTE disposal
Environmental Compliance	\$100K NEPA documentation. \$10K programmatic agreement \$500 to \$2K Tribal consults \$20K-\$2M TES management	\$30K Modify Title V Air permit \$150K NEPA EA for MILCON.