

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]

SCENARIO # 401

TITLE: INT-0004 CONSOLIDATE NCR-BASED NGA AT FT BELVOIR

GENERAL DESCRIPTION: Close NGA Dalecarlia and Sumner sites, Bethesda MD. National Intelligence College, Ft Belvoir, VA; Reston 1,2,3 leased installations in Reston, VA; Newington buildings 8510, 8520 and 8530, Newington, VA; Dulles North, a leased installation in Dulles, VA; and Building 213 at the South East Federal Center, Washington DC. Relocate all functions to a new facility at the Engineer Proving Grounds, Ft Belvoir, VA. Realign the National Reconnaissance Office facility, Westfields, VA, by relocating all NGA functions to a new facility at the Engineer Proving Grounds, Ft Belvoir, VA.

Note: Dalecarlia and Sumner sites are parcels belonging to Ft Myer.

Some components of this scenario are Classified, however, this SSEI contains no Classified information.

ANALYST: _____

DATE: **LAST UPDATED: 3/30/05**

Env Resource Area	<i>Gaining</i> Installation Assessment Inst Name: Ft Belvoir	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Impact Expected. Ft Belvoir is in moderate Non-Attainment for Ozone and PM 2.5. Added operations will require New Source Review permitting and Air Conformity Analysis.	#213 –Moderate Non-Attainment for Ozone (1-hour), proposed/projected for Non-Attainment for Ozone (8-hour) and PM2.5. #211 - No permit thresholds projected to be exceeded (substantial buffers exist on current permit) #220 – Has a Major Title V Permit and (Natural) Minor Operating Permit. #218/ISR – No mission impact/No restr.
Cultural/ Archeological/Tribal Resources	12 historic/prehistoric sites identified, with restrictions on construction in certain areas. 58 historic properties identified. Potential impacts may occur, since resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs.	#230/231/233- 100% surveyed with 12 historic/prehistoric sites that restrict future construction in certain areas. No native peoples sites. #235 - 58 historic properties, 1 district and 4 resources outside of district. #201 – No mission operations constraints. #234 – No tribes interested in resources. #236 – No Programmatic Agreement. .
Dredging	No Impact.	#227 - If new activity requires dredging, then dredging may not be able to occur in the short term due to known dredging impediments #226, 228 - N/A
Land Use Constraints/ Sensitive Resource Areas	No Impact.	Buildable Acres - approx 2,355 acres available, 150 req'd, (Based on Scenario summary) #201, 254– No restrictions/coordination required. #256 – One Sensitive Resource Area that restricts airspace. CERL Study – high encroachment projected.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No Impact	#248, 250, 252, 253 – N/A

Noise	No Impact.	#239 - No noise contours off-installation.
Threatened & Endangered Species/Critical Habitat	<p>Federally listed species includes Bald Eagle (<i>Haliaeetus leucocephalus</i>). Restrictions for TES include aircraft height restriction over nest during nesting season, and no land-disturbing training or timber clear cutting along undeveloped/undisturbed shorelines.</p> <p>Additional operations may further impact threatened / endangered species leading to additional restrictions on training or operations.</p>	<p>#249 Restrictions for TES are in place – no clear cutting or training 750 feet inland along undisturbed and undeveloped shoreline. Restricted helicopter flying</p> <p>#259 1 TES identified, Bald Eagle</p> <p>#260-262,264 - No habitat restrictions, no proposed critical habitat</p> <p>#263 – No candidate species</p> <p>ISR2 shows no impact.</p>
Waste Management	No Impact.	#269 – No RCRA Subpart X Permit; none required.
Water Resources	No Impact.	<p>#276,278 – No restrictions</p> <p>#279 - Doesn't discharge to imp waterway.</p> <p>#293 – No water use restrictions have been reported</p> <p>#824/825 indicates adequate water avail</p> <p>IEM – potable water infr. can support 19,000 more people.</p> <p>#282 – No industrial wastewater treatment plant</p>
Wetlands	No impact. Land outside of wetlands is available for construction.	<p>#251 – Installation was surveyed in 97</p> <p>#257 – 10.2% of installation has wetlands that restrict operations, permits needed if planning to disturb wetlands.</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);

SCENARIO # 401

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: <u>Sumner & Dalecarlia Sites</u>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No Impact.	
Cultural/Archaeological/Tribal Resources	Minimal impact expected. Surveys and consultation with the SHPO may be required to ensure protection of seven historical resources.	#230, 231, 232 - No arch resources, Native Peoples sites, no high potential for arch sites #235 - 7 historic properties reported
Dredging	No Impact	
Land Use Constraints/Sensitive Resource Areas	No impact.	#273 - No MMRP sites Installation has no operational ranges. Installation has no DERA sites (IRP or MMRP sites) Reference : http://63.88.245.60/DERPARC_FY03/do/home https://aerp.apgea.army.mil/aedbr/
Marine Mammals/Marine Resources/Marine	No Impact	
Noise	No Impact	
Threatened & Endangered Species/Critical Habitat	No impact	#259, 260, 263,264 - No TES, Critical Habitat, or Candidate Species
Waste Management	No Impact	#269 - No RCRA Subpart X permit #265 - No HW TSD facility #272 - No permitted solid waste disposal facility
Water Resources	No Impact	#275, 281 - No ground or surface water contamination reported

Wetlands	No impact.	
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SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);

SCENARIO **401****IMPACTS OF COSTS**

Env Resource Area	Gaining Installation Inst Name: <u>Fort Belvoir</u>	Losing Installation Inst Name: <u>Sumner & Dalecarlia Sites</u>
Environmental Restoration*	None	None
Waste Management	None	None
Environmental Compliance	<u>Ft Belvoir:</u> Air Conformity Analysis (\$25K-\$75K), & New Source Review (\$100K-\$500K). Endangered Species Management (incl monitoring) - \$20K-\$2M Re-alignment NEPA at gaining base (EIS)- \$1M (Based on size of facility/compound)	Environmental Baseline Survey (EBS) \$300K-500K. Access controls / caretaker management of historical sites \$500K - 1M (annually). Asbestos / lead paint removal - \$200K - \$1M.
COBRA Costs:	<u>Ft Belvoir:</u> Air Conformity Analysis \$50K New Source Review \$100K NEPA (EIS) - \$1M.	EBS plus disposal EA - \$550K.