

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS
SCENARIO #577 / IND-0083B

[TABS FINAL VERSION]
TITLE: IND-0083-B

GENERAL DESCRIPTION: Realign NAVWPNSTA Seal Beach, CA. Relocate the depot maintenance of Electronic Components (Non-Airborne), Fire Control Systems and Components, Radar, and Radio to Tobyhanna Army Depot, PA. Relocate the depot maintenance of Material Handling to MCLB Albany, GA. Relocate the depot maintenance of Other Components to Anniston Army Depot, AL. Relocate the depot maintenance of Tactical Missiles to Letterkenny Army Depot, PA..

This assessment is based on the following assumptions:

1. Anniston gains 2 personnel
2. Letterkenny gains 2 personnel
3. Tobyhanna gains 32 personnel

ANALYST: _____

LAST UPDATE: 04/27/05

Env Resource Area	#1 Gaining Installation Assessment Inst Name: Anniston AD	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No likely impact. Exceeds major source thresholds for VOC, Pb, PM10, NOx, methylene chloride, toluene, trichloroethylene and methyl ethyl ketone. Air Conformity Analysis and permit modifications likely required.	#213 – N/A answer = in attainment for all criteria pollutants #211 – Exceeds major source thresholds for VOC, Pb, PM10 and NOx. #212- Exceeds major source thresholds for methylene chloride, toluene, trichloroethylene and methyl ethyl ketone. #220 – Holds 1 Major Operating Permit (SIC code 3497, 3471, 9711) and 2 Natural Minor Operating permits (SIC codes 9711, 3497) #222 – No Emissions Credit Trading program available #218 – No restrictions to operations reported due to air quality requirements
Cultural/Archeological/ Tribal Resources	No impact	#233- 100% of installation has been surveyed for cultural resources #235 – No Historic prop identified #230 – 0 arch resources reported on installation #231 – Native People sites identified #236 – Programmatic Agreement with SHPO #234 – N/A #232 – No areas with high archaeological potential identified.
Dredging	No impact	#226, #227, #228 – N/A
Land Use Constraints/ Sensitive Resource Areas	No impact	#30 – 1,445 BA available - 0 acres required. Existing facilities can likely absorb proposed activities. #201 – No constraints reported #256 – No Sensitive Resource Areas identified CERL-Moderate encroachment

Marine Mammals/ Marine Resources / Marine Sanctuaries	No impact	#248, #249, #250, #252, #253 - No restrictions
Noise	No impact	#239 – N/A = installation does not have noise contours that extend off installation.
Threatened & Endangered Species/Critical Habitat	TES include Tennessee Yellow-eyed Grass but does not impact operations. Additional operations may impact TES, candidate species, and/or critical habitats, possibly leading to restrictions on operations.	#259 – TES listed include Tennessee Yellow-eyed Grass (<i>Xyris tennesseensis</i>) on installation, no restrictions reported. #260 – No critical habitat identified #261 – No Biological Opinion reported #262 – No development restrictions reported. #263, #264 – No candidate species/habitat reported
Waste Management	No impact..	#269 – Installation has RCRA Subpart X OB/OD Permit #265- Has RCRA TSD facility. #272 – Not a permitted solid waste disposal facility
Water Resources	Installation located over a sole-source aquifer – consider need for additional mitigation measures/pollution prevention with increased depot maintenance activities to protect aquifer. May require upgrades to industrial wastewater treatment plant due to increased depot maintenance activities.	#276 – Installation located over a sole-source aquifer #278 – McCarren Amend does not apply #293 – N/A answer = assume no potable water restrictions #291 – Installation uses one publicly owned off-installation plant for potable water. IREM indicates remaining capacity for potable water to support 27,184 pers #279 – Installation does not discharge to impaired waterway #297 – One on-military installation gov't owned plant – reports maximum peak daily outflow more than maximum design capacity #282 – Industrial Gov't owned wastewater treatment system located on installation. #822, 824, 825, 826, ISRII – no restrictions reported
Wetlands	No impact	#251- Survey completed 11/95. #257 – Wetlands affect 0.7% of installation but do not restrict operations.

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Env Resource Area	#2 Gaining Installation Assessment Inst Name: Letterkenny AD	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Impact expected. Letterkenny AD is in marginal non-attainment for Ozone, and exceeds Major Source thresholds for Pb, SO ₂ , PM ₁₀ and PM _{2.5} . Air Conformity Analysis required.	#213 – In marginal non-attainment for Ozone (1-hour and 8-hour) #212- Exceeds Major Source Threshold for Hydrogen Chloride #211 –Exceeds Major Source thresholds for Pb and SO ₂ , PM ₁₀ and PM _{2.5} . #220 – Holds 1 Major Operating Permit (SIC code 9711 - Title V Permit # 28-5002) #222 – Emissions Credit Trading program available for NO _x and VOCs #218 – No restrictions to operations reported due to air quality requirements
Cultural/Archeological/Tribal Resources	No impact	#233- 100% of installation has been surveyed for cultural resources. #235 – No historic prop identified #230 – 345 potential historical period sites which are foundations ruins of old demolished farmsteads. These buildings were demolished when Letterkenny was established in 1942-43. No restrictions reported. #231 – No Native People sites identified #236 – No Programmatic Agreement #234 – No tribal interest #232 –1855 acres were identified as potential high probability areas. ICRMP. Areas were determined based on predictive model.
Dredging	No impact	#226, #227, #228 – N/A
Land Use Constraints/Sensitive Resource Areas	No impact	#30 – 2,183 BA available – 0 acres required. Existing facilities can likely absorb proposed activities #201 – 1 Constraint identified on main base (“Other”(6) – altered modified or re-routed ground operations, per data call printout), no restrictions reported. #256 – No Sensitive Resource Areas identified CERL-minimal encroachment

Marine Mammals/ Marine Resources / Marine Sanctuarie	No impact	#248, #249, #250, #252, #253 - No restrictions
Noise	No impact	#239 – Installation does not have noise contours that extend off installation. Letterkenny has requested and been nominated by HQDA for a FY 04 JLUS. Letterkenny is currently working very closely with DOD OEA and the local community to initiate the JLUS in the next couple months (Anticipate start date of Jun 04) and anticipate no problems with this effort.
Threatened& Endangered Species/Critical Habitat	No impact	#259 – No TES listed #260 – No critical habitat identified #261 – No Biological Opinion #262 – No development restrictions reported. #263, #264 – No candidate species/habitat reported
Waste Management	No impact.	#269 – Interim RCRA Subpart X OB/OD Permit #265- No RCRA (TSD) facility. #272 – Not a permitted solid waste disposal facility
Water Resources	No impact	#276 – Installation not located over a sole-source aquifer #278 – McCarren Amend does not apply #293 – No reported potable water restrictions. #291 – Installation uses one On Military Installation Govt Privatized Plant IREM - remaining capacity for potable water to support 7,000+ pers #279 –Installation does not discharge to impaired waterway #297 – 1 On Military Installation Privatized STP – Daily peak outflow permit exceedences reported #282 – On Military Installation Govt Owned Wastewater Treatment Plant #822, 824, 825, 826, ISRII – no restrictions reported
Wetlands	No impact	#251- Survey completed 10/99 #257 – Wetlands restrict 2% of installation but do not restrict operations.

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SCENARIO #577/IND-0083B

Env Resource Area	#3 <i>Gaining</i> Installation Assessment Inst Name: Tobyhanna	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No likely impact. Increased personnel and depot maintenance activities may push non-attainment status (for 1-hour Ozone) from moderate to severe. Air Conformity Analysis required.	#213 – In moderate non-attainment for Ozone (1-hour) #211 – No exceedences reported #212-No top 5 HAPs exceedences reported #220 – Holds 1 Major Operating Permit (SIC code 9711 - Base Title V Operating Permit) #222 – Emissions Credit Trading program available for NOx and VOCs #218 – No restrictions to operations reported due to air quality requirements
Cultural/Archeological/Tribal Resources	No impact	#233- 100% of installation has been surveyed for cultural resources. #235 – No historic prop identified #230 – No arch resources identified on installation #231 – No Native People sites identified #236 – Programmatic Agreement in place #234 – 1 tribe asserted interest in archaeological sites; rare contact #232 – No areas with high archaeological potential identified.
Dredging	No impact	#226, #227, #228 – N/A
Land Use Constraints/Sensitive Resource Areas	No impact 5 SRAs identified.	#30 – 721 BA available - 0 acres required- Existing facilities can absorb proposed activities. #201 - No constraints listed #256 – 5 Sensitive Resource Areas identified but cause no restrictions CERL-minimal encroachment
Marine Mammals/ Marine Resources / Marine Sanctuarie	No impact	#248, #249, #250, #252, #253 - No restrictions
Noise		#239 – TYAD has no local off post range facilities.

Threatened & Endangered Species/Critical Habitat	No impact	#259 – No TES listed #260 – No critical habitat identified #261 – No Biological Opinion (answered N/A) #262 – No restrictions exist because of biological opinions. (Data error? Unclear answer – previous question answered no biological opinion) #263, #264 – No candidate species/habitat reported
Waste Management	No impact.	#269 – No RCRA Subpart X OB/OD Permit #265- Has RCRA (TSD) facility. #272 – Not a permitted solid waste disposal facility
Water Resources	No impact	#276 – Installation not located over a sole-source aquifer #278 – McCarren Amend does not apply #293 – No potable water restrictions reported #291 – Installation uses 1 On Military Installation Govt Owned Plant for potable water. IREM indicates remaining capacity for potable water to support 1,829 pers #279 – Installation does not discharge to impaired waterway #297 – 1 On Military Installation Govt Owned Plant #282 – 1 On-installation Industrial Gov't owned wastewater treatment system #822, 824, 825, 826, ISRII – no restrictions reported
Wetlands	No impact	#251- Survey completed 09/97. #257 – Wetlands affect 12.45% of installation but do not restrict operations.

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SCENARIO 577/IND-0083B

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: NAVWPNSTA Seal Beach	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Impacts to be assessed by Navy	
Cultural/ Archeological Resources		
Drinking		
Land Use Constraints/Sensitive Resource Areas		
Marine Mammals/Marine		
Noise		
Threatened & Endangered Species/Critical Habitat		
Waste Management		
Water Resources		
Wetlands		

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IMPACTS OF COSTS

Env Resource Area	Gaining Installations Inst Name: Anniston AD, Letterkenny, Tobyhanna	Losing Installations Inst Name: NAVWPNSTA Seal Beach
Environmental Restoration*	None	None
Waste Management	None	None
Environmental Compliance	<p><u>Anniston:</u> -Realignment NEPA at gaining base – industrial-\$1M (EIS) -Endangered Species Management (includes monitoring) - \$20K-\$2M -Air Conformity Analysis-\$25K-\$75K (includes no mitigation costs)</p> <p><u>Letterkenny:</u> -Air Conformity Analysis -\$25K-\$75K (includes no mitigation costs) -Realignment NEPA at gaining base – industrial-\$1M (EIS)</p> <p><u>Tobyhanna:</u> -Air Conformity Analysis-\$25K-\$75K (includes no mitigation costs) -Realignment NEPA at gaining base – industrial-\$1M (EIS)</p>	None
COBRA Costs:	<p><u>Anniston</u> -Realignment NEPA-\$1M (EIS) -Air Conformity Analysis-\$50K</p> <p><u>Letterkenny:</u> -Air Conformity Analysis -\$50K -Realignment NEPA-\$1M (EIS)</p> <p><u>Tobyhanna:</u> -Air Conformity Analysis-\$50K -Realignment NEPA-\$1M (EIS)</p>	None