

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]

SCENARIO #471

TITLE: TECH-0013 ESTABLISH JOINT CENTERS FOR LAND VEHICLE RDAT&E

GENERAL DESCRIPTION: Consolidate ground platform R,D&A, and T&E into 2 core sites.

Scenario affects Army sites as follows:

- 1.Detroit Arsenal gains approximately 110 personnel and requires No new MILCON
- 2.Redstone Arsenal loses approximately 80 personnel.

ANALYST: _____

LAST UPDATE: 4/28/05

Env Resource Area	<i>Gaining</i> Installation Assessment Inst Name: Detroit Arsenal	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact. Installation is in Attainment area for all Criteria Pollutants.	#213 – In attainment for all criteria pollutants #211 – No permit or major source thresholds projected to be exceeded, based on a 3% increase in emissions at Detroit Arsenal. #220 – Holds 2 Synthetic Minor Operating Permits (SIC code 8733- Permit # 566-96A & 146-02) #222 – Emissions Credit Trading program available for NO2, VOCs, PM10, PM2.5 Pb, SO2, CO #218 – No restrictions to operations reported due to air quality requirements
Cultural/Archeological/Tribal Resources	18 historic prop identified. No impact expected due to no construction required.	#233- N/A answer = No survey done #235 – 18 historic prop identified #230 –No arch resources reported #231 – N/A #236 – No Programmatic Agreement in place #234 – N/A #232 – N/A
Dredging	No impact	#226, #227, #228 – N/A
Land Use Constraints/Sensitive Resource Areas	No impact.	#30 – 21.2 BA available – none required. #201 - No constraints listed #256 – No Sensitive Resource Areas identified
Marine Mammals/ Marine Resources / Marine Sanctuaries	No impact	#248, #249, #250, #252, #253 – N/A
Noise	No impact	#239 – N/A

Threatened & Endangered Species/Critical Habitat	No impact	#259 – No TES listed (N/A) #260 – No critical habitat identified (N/A) #261 – No Biological Opinion (answered N/A) #262 – No restrictions reported #263, #264 – No candidate species/habitat reported
Waste Management	No impact.	#269 – No 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 is not located over a sole-source aquifer (N/A) #278 – McCarren Amend does not apply #293 – No potable water restrictions reported #291 – Installation uses 1 Off Military Installation Publicly Owned plant for potable water. IREM indicates remaining capacity for potable water to support 295,850 personnel (scenario adds 123 personnel); Final Stat Packages- Scenario incr population by approx 13% #279 – Installation discharges to impaired waterway; unknown if installation contributes to status of waterway #297 – 1 Off Military Installation Publicly Owned Plant for Sewage Treatment #282 – No Industrial wastewater treatment system reported #822, 824, 825, 826 – no restrictions reported ISR II - No impact to mission.
Wetlands	No impact.	#251- N/A #257 – N/A

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);

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Env Resource Area	<i>Losing Installation Assessment</i> Inst Name: Redstone Arsenal	Analyst Comments (& data source(s) that drive assessment)
Air Quality	None.	Environmental impact to losing installations is considered neutral or positive to all 10 resource areas.
Cultural/ Archeological Resources	None	
Drainage	None	
Land Use Constraints/Sensitive Resources	None	
Marine Mammals/Marine Resources	None	
Noise	None	
Threatened & Endangered Species	None	
Waste Management	None	
Water Resources	None	
Wetlands	None	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);

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IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: Detroit Arsenal	Losing Installation Inst Name: Redstone Arsenal
Environmental Restoration*	None	None.
Waste Management	None	None.
Environmental Compliance	-Re-alignment NEPA at gaining base - \$100K (Based on moving <1000 population)	None.
COBRA Costs:	-Re-alignment NEPA at gaining base - \$100K	None.