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# Anniston Chemical Activity (ANCA)

## Anniston, Alabama

Since 1948, Anniston Army Depot Southeast Industrial Area (SIA) has been repairing and modifying combat vehicles and artillery equipment. The Anniston Army Depot site comprises 600 acres in the southeastern area of the Nichols Industrial Complex. This area consists of several shipping and warehouse buildings that have been used since 1948 for the repair and modification of combat vehicles and artillery equipment. The depot's initial mission was limited to ammunition storage, refurbishment, testing, and decommissioning of combat vehicles and various types of military equipment.

The Anniston Chemical Agent Disposal Facility, currently under construction, is located 50 miles east of Birmingham, Alabama, and eight miles west of Anniston. The stockpile at Anniston is maintained on 762 acres in the northeastern portion of the Anniston Army Depot, and holds 2,254 tons, or 7.4 percent of the original US stockpile of chemical weapons. Anniston's stockpile consists of cartridges, projectiles, ton containers, rockets and mines containing the nerve agents GB and VX, and the blister agent HB, more commonly referred to as or mustard agent.

Before the Army can operate the Anniston Chemical Agent Disposal Facility, it must test the furnaces and pollution abatement systems with surrogates. A surrogate is a chemical that is as difficult or more difficult to treat than the agent itself. The surrogates have rather exotic names, such as tetrachloroethylene, trichlorobenzene, ethylene glycol, monochlorobenzene and hexachloroethane. The trial burns for these surrogates must show a destruction and removal efficiency of 99.9999 percent. Only when this rigorous standard has been demonstrated will the Alabama Department of Environmental

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- [Anniston Army Depot](#)
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### Maps & Imagery

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### Sources

- [Background Info on CW Stockpile Site in Anniston, Alabama](#)
- [Anniston Chemical Activity \(ANCA\)](#)  
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Management (ADEM), the state agency which regulates the Army's chemical demilitarization program in Alabama, give the go ahead for the Army to operate the facility.

AGENT	ITEM	QUANTITY	POUNDS
HT-Blister	4.2-inch Cartridges	183,552	1,064,600
HD-Blister	4.2-inch Cartridges	75,360	452,160
HD-Blister	105mm Cartridges	23,064	68,500
HD-Blister	155mm Projectiles	17,643	206,420
HD-Blister	Ton Containers	108	185,080
GB-Nerve	105mm Cartridges	74,014	120,640
GB-Nerve	105mm Projectiles	26	40
GB-Nerve	155mm Projectiles	9,600	62,400
GB-Nerve	8-inch Projectiles	16,026	232,380
GB-Nerve	M55 Rockets	42,738	457,300
GB-Nerve	M56 Rocket Warheads	24	260
VX-Nerve	155mm Projectiles	139,581	837,480
VX-Nerve	Mines	44,131	463,380
VX-Nerve	M55 Rockets	35,636	356,360
VX-Nerve	M56 Rocket Warheads	26	260

#### Disposal Schedule:

Construction:	1997
Systemization:	2000
Operations:	2002
Closure:	2006

Transition from backwoods forest to a high density industrial complex defines the life span of Anniston Army Depot. In February 1941 construction began on the first 500 storage igloos, 20 warehouses and several administrative buildings. The maintenance and storage of chemical munitions began in 1963. The depot has 1,400 ammunition storage igloos of which 155 are devoted to chemical munitions and 478 are Stradleys designed specifically for missiles and other bulky items.

ANAD is ideally located to support the multi-missions associated with general supplies, ammunition, and defense weaponry. The depot's rural location eliminates encroachment as an inhibitor to expansion, while its northern boundary, which is Fort McClellan's 22,000 acre Pelham Range, supports ANAD's ammunition storage and firing range capabilities. Geographically, ANAD is located within 125 miles of one of its primary customers - the Army Missile Command, and is 430 miles from the Afloat Preposition Stock Program in Charleston, SC. ANAD's deployment network places an interstate highway 5 miles from the depot, a railhead on the depot, and a C-5 capable airport 11 miles away.

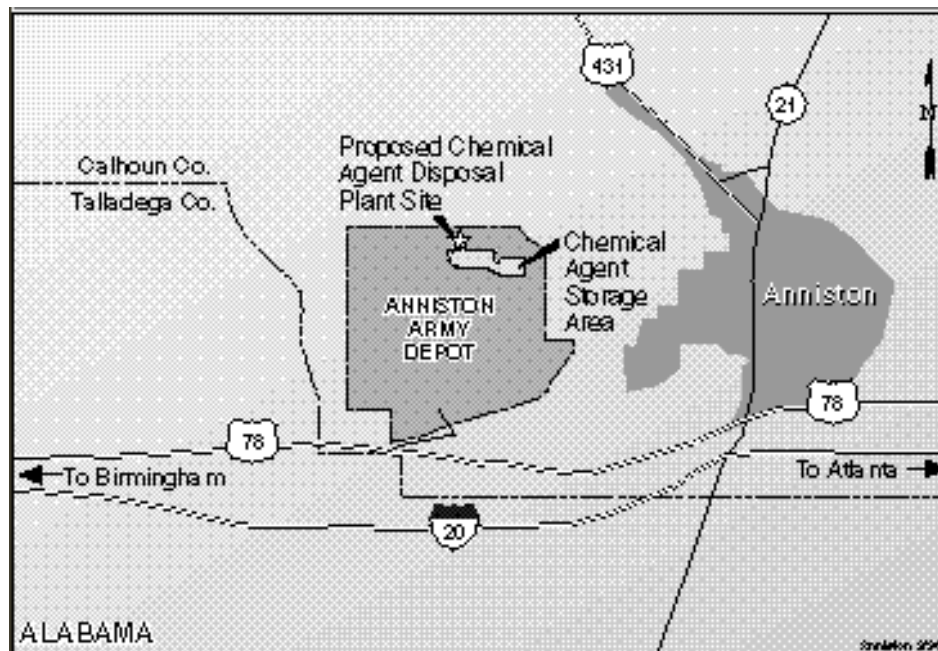
In 1952, the depot was assigned a maintenance mission for the overhaul and repair of combat vehicles. Shortly thereafter, the small arms mission was assigned to Anniston. With the advent of the sixties, the depot was involved with the M47, M48, M48A1, M48A2C, M42, M56,

M59, M19, and M38A1-D tank programs as well as a plethora of light-tracked and wheeled vehicle systems. Beginning in the early seventies, overhaul of the M551 Sheridan began and in 1975 the depot was selected to overhaul and convert the M48A1 to the M48A5 model. The M60A1 to M60A3 conversion program began in 1979. As the decade of the eighties began, ANAD continued maintenance of the M88, M728, and the M60 AVLB vehicles, as well as adding maintenance of missile systems and the M1 Abrams tank - the newest addition to the Army inventory.

ANAD is located in northeast Alabama, approximately 10 miles west of the city of Anniston and Fort McClellan, another active US Army installation. The small community of Bynum lies on the depot's southern boundary. The north boundary is Pelham Range, a wooded operational training area owned by Fort McClellan. The east and west boundaries are bordered by lightly populated rural lands. A short distance to the south is Interstate 20, a major east-west artery that provides easy access to two of the south's largest cities, Birmingham, Alabama (50 miles west) and Atlanta, Georgia (90 miles east).

ANAD occupies 18,113 acres, with 96 maintenance buildings, 82 shops, and 1.6M SF of shop space. The total facility value is \$176M, with the maintenance facility valued at \$38M and plant equipment valued at \$138M. The main depot covers 15,279 acres and contains the major functions of ammunition, base operations, maintenance, and supply. In addition to the main depot, there is a separate inactive ammunition storage area known as the Coosa River Storage Annex. This 2,834 acres is located approximately 12 miles southwest of the main reservation on Talladega County Highway 93.

Work force end strength as of 31 July 1996 was 2,647. The average number of military personnel assigned to ANAD is six. Having an annual operating budget of \$263M, ANAD impacts the local economy with an approximate \$120M payroll; \$4M for utilities, and \$27M in local procurement.





Anniston Chemical Activity at the Anniston Army Depot is responsible for maintaining and storing approximately 7% of the nation's original chemical stockpile.



This is a munitions storage igloo at the Anniston Chemical Activity. The igloo stores and secures munitions, including chemical weapons slated for future disposal.



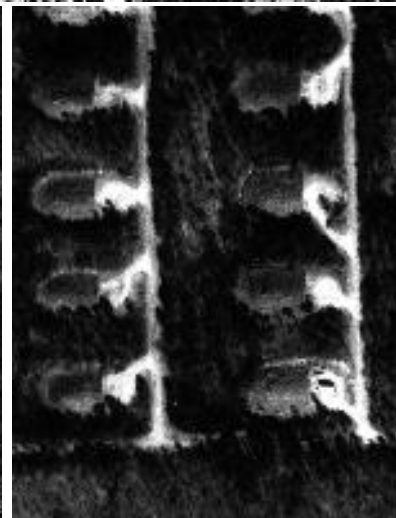
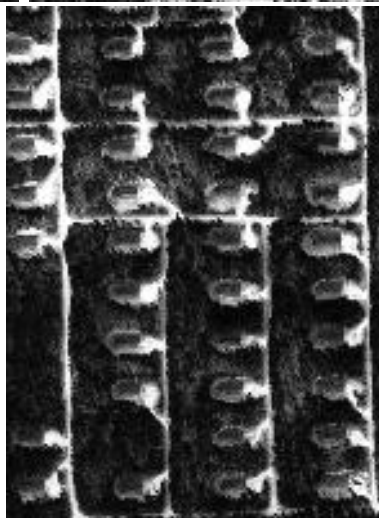
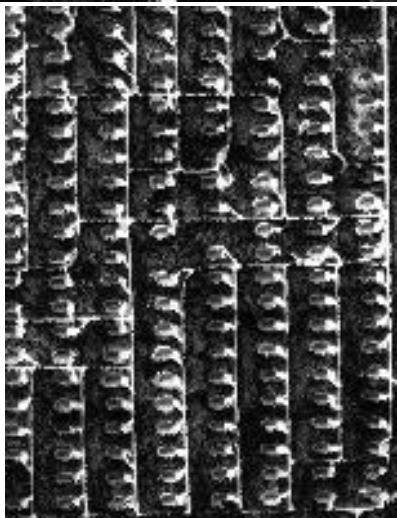
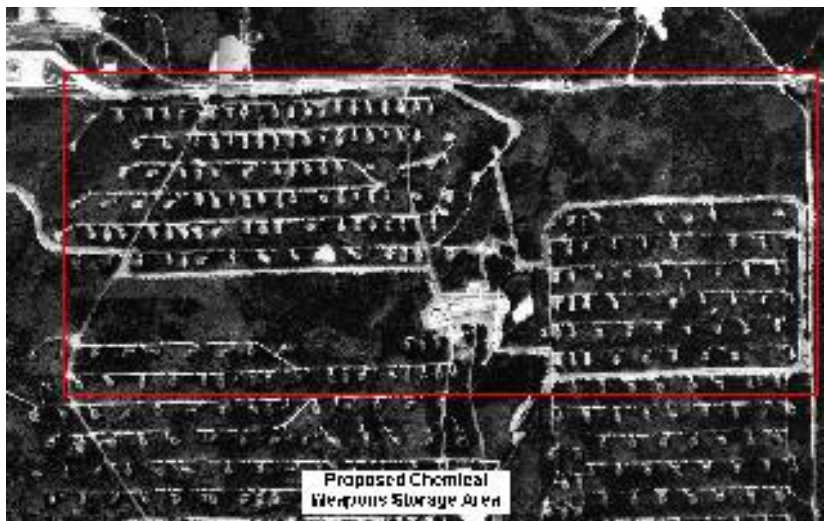
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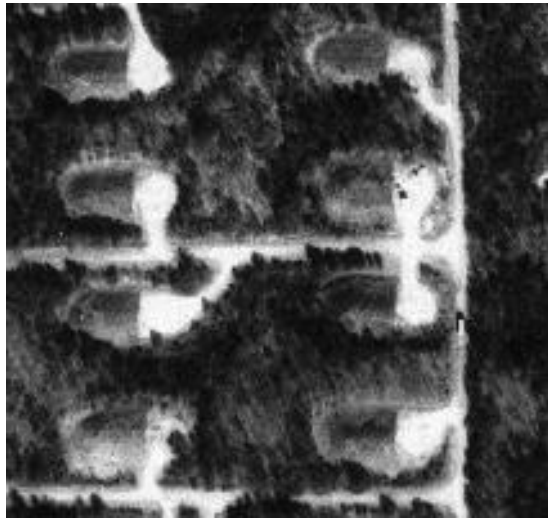
Anniston Chemical Agent Disposal Facility





## Chemical Weapons Storage Area





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