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Site Name (Subject): USA RESERVE XVIII AIRBORNE CORPS

Site ID (Document ID): NC9210021755

Document Name (DocType): Preliminary Assessment/Site Inspection (PA/SI)

Report Segment:

Description: Preliminary Assessment II (PA II)

Date of Document: 9/29/2005

Date Received:

Box: *Enter SF and # with no spaces* SF10,639

Access Level: PUBLIC

Division: WASTE MANAGEMENT

Section: SUPERFUND

Program (Document Group): SERB (SERB)

Document Category: FACILITY

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North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

September 29, 2005

Ms. Jennifer Wendel
Superfund Site Evaluation Section
US EPA Region IV Waste Division
61 Forsyth Street SW, 11th Floor
Atlanta, GA 30303

Subject: Preliminary Assessment II (PA II)
USA Reserve XVIII Airborne Corps (Greensboro)
Greensboro, Guilford County, NC
US EPA ID: NC9 210 021 755

Dear Ms. Wendel:

Enclosed is the Preliminary Assessment II (PA II), completed by the North Carolina Department of Environment and Natural Resources (NCDENR), Superfund Section for the USA Reserve XVIII Airborne Corps Site (Greensboro) located in Greensboro, Guilford County, NC. The NC Superfund Section recommends that this site be assigned a No Further Remedial Action Planned status under CERCLIS.

Under the authority of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), and the Superfund Amendments and Reauthorization Act of 1986 (SARA), the North Carolina Superfund Section conducted this PA II to evaluate updated data regarding environmental conditions at the site in order to determine the need for any further CERCLA action. Information about the site was obtained through the review of available file documents and interviews with US Army personnel and contractors who manage the site.

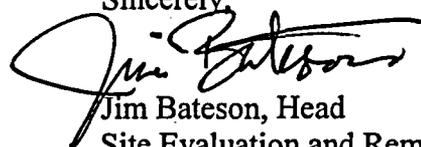
The USA Reserve XVIII Airborne Corps Site-Greensboro (AKA E. Earle Rives ARC) is located at 1120 North Church Street, Greensboro NC 27401. It is located about 1.5 miles north of the central business district across the street from Moses Cone Hospital. The site is just north of the East Northwood Street intersection (Ref. 1). Corresponding geographic coordinates for the facility are 36.0910 north latitude and 79.7834 west longitude (Ref. 1). This site is a 4.4-acre parcel consisting of a training and assembly building, two storage buildings and a vehicle maintenance shop (Ref. 2). The surrounding area is predominantly commercial/industrial property (Ref. 1). A railroad borders the site's eastern perimeter (Ref. 1).

This center has been active since its construction in 1955. Vehicle maintenance procedures such as oil changes, antifreeze changes, axle lubrication, and battery replacements were reportedly performed at this site (Ref. 3). No major spills were reported for this center. This center uses city water and city sewers (Ref. 2). A Preliminary Assessment was completed in August of 1990 (Ref. 4). A request for updated information was submitted by EPA in order to complete the revised Hazard Ranking System in August of 1991 (Ref. 5). This PA II is intended to serve as the response to that request.

Documents regarding the site's regulatory history were found dating back to about 1981. This center is classified as a conditionally exempt small quantity generator by the NC Hazardous Waste Section. All spent petroleum products are temporarily stored on the premises and are removed by a commercial contractor and transported off-site for reclamation. This center is periodically inspected by a contractor of the Department of the Army to insure compliance with the military's Environmental Regulation regarding the storage and proper disposal of hazardous waste (Ref. 2). A 1,000 gallon heating oil underground storage tank was excavated and removed in 1991 when the center converted to natural gas (Ref. 2). No incident records were found regarding the removal of this tank. No other incidents or regulatory actions are currently known regarding this site.

Based on current information, the site's operations have been limited to the generation of small quantities of spent petroleum products. There is no history of significant releases. Based on these known facts, the NC Superfund Section recommends that this site be assigned a No Further Remedial Action Planned status under CERCLIS. If you have any questions about this PA II, please call Serafino Franch at (919) 508-8455, or by email at serafino.franch@ncmail.net.


Serafino Franch
Environmental Chemist
NC Superfund Section

Sincerely,

Jim Bateson, Head
Site Evaluation and Removal Branch
NC Superfund Section

cc: File
Charlotte Jesneck (letter only)

Attachments: APA Checklist
NCDENR GIS Topo Map Viewer: Address Locator (1998 aerial) (Reference 1)
Memorandum dated May 16, 2005 with Email Attachment (Reference 2)
1985 Small Hazardous Waste Generator Survey (Reference 3)
Letter dated August 11, 1990 (Reference 4)
Letter dated August 27, 1991 (Reference 5)

ABBREVIATED PRELIMINARY ASSESSMENT CHECKLIST

This checklist can be used to help the site investigator determine if an Abbreviated Preliminary Assessment (APA) is warranted. This checklist should document the rationale for the decision on whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer:	<u>Serafino Franch, Environmental Chemist</u>	<u>September 27, 2005</u>
	<u>Name/Title</u>	<u>Date</u>
	<u>NCDENR-Superfund Section</u>	<u>919-508-8455</u>
	<u>Address</u>	<u>Phone</u>
	<u>Serafino.franch@ncmail.net</u>	
	<u>E-mail Address</u>	

Site Name:	<u>USA-Reserve XVIII Airborne Corps-Greensboro</u>		
Previous Names (if any):	<u></u>		
EPA ID #	<u>NC9 210 021 755</u>		
Site Location:	<u>1120 North Church Street, Greensboro, Guilford County, NC</u>		
Latitude:	<u>36.0910° N</u>	Longitude:	<u>79.7834° W</u>

Describe the release (or potential release) and its probable nature:

Part 1 - Superfund Eligibility Evaluation

If all answers are no go on to Part 2, otherwise proceed to Part 3.

	YES	NO
1. Is the site currently in CERCLIS or an alias of another site?	X	
2. Is the site being addressed by some other remedial program (Federal, State, or Tribal)?		X
3. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (e.g., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?		X
4. Are the hazardous substances potentially released at the site excluded by policy considerations (i.e., deferred to RCRA corrective action)?		X
5. Is there sufficient documentation to demonstrate that no potential for a release that could cause adverse environmental or human health impacts exists (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, or an EPA approved risk assessment completed)?		X

Please explain all yes answers.

1. The site was added to CERCLIS based on a potential for accidental spills of petroleum-based hazardous substances and the potential to impact nearby human and environmental targets.

Part 2 - Initial Site Evaluation

Use Exhibit 1 of the APA fact sheet to make site assessment decisions based on the answers below:

	YES	NO
1. Does documentation indicate that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?		X
2. Is there an apparent release at the site with no documentation of exposed targets, but there are targets on site or immediately adjacent to the site?		X
3. Is there an apparent release and no documented on-site targets or targets immediately adjacent to the site, but there are nearby targets (e.g., targets within 1 mile)?		X
4. Is there no indication of a hazardous substance release, and there are uncontained sources containing CERCLA hazardous substances, but there is a potential to release with targets present on site or in proximity to the site?		X
5. Does the site lack documented on-site, adjacent, or nearby targets?		X
6. Does the site lack releases or potential to release?	X	
7. Does the site lack uncontained sources containing CERCLA eligible substances are present on site?	X	

Please explain all yes answer(s).

- 6. No known CERCLA eligible substances have been released.
- 7. There are no known sources containing CERCLA eligible substances on the site.

Part 3 - State Site Assessment Recommendation

Check the box that applies based on the conclusions of the APA:

<input checked="" type="checkbox"/> NFRAP
<input type="checkbox"/> Higher Priority SI
<input type="checkbox"/> Lower Priority SI
<input type="checkbox"/> Defer to RCRA Subtitle C
<input type="checkbox"/> Defer to NRC
<input type="checkbox"/> Refer to Removal Program - further site assessment needed
<input type="checkbox"/> Refer to Removal Program - NFRAP
<input type="checkbox"/> Site is being addressed as part of another CERCLIS site
<input type="checkbox"/> Other: Transfer from CERCLIS List to Archived Sites List

State Reviewer:

Serafino Franch

Print Name/Signature

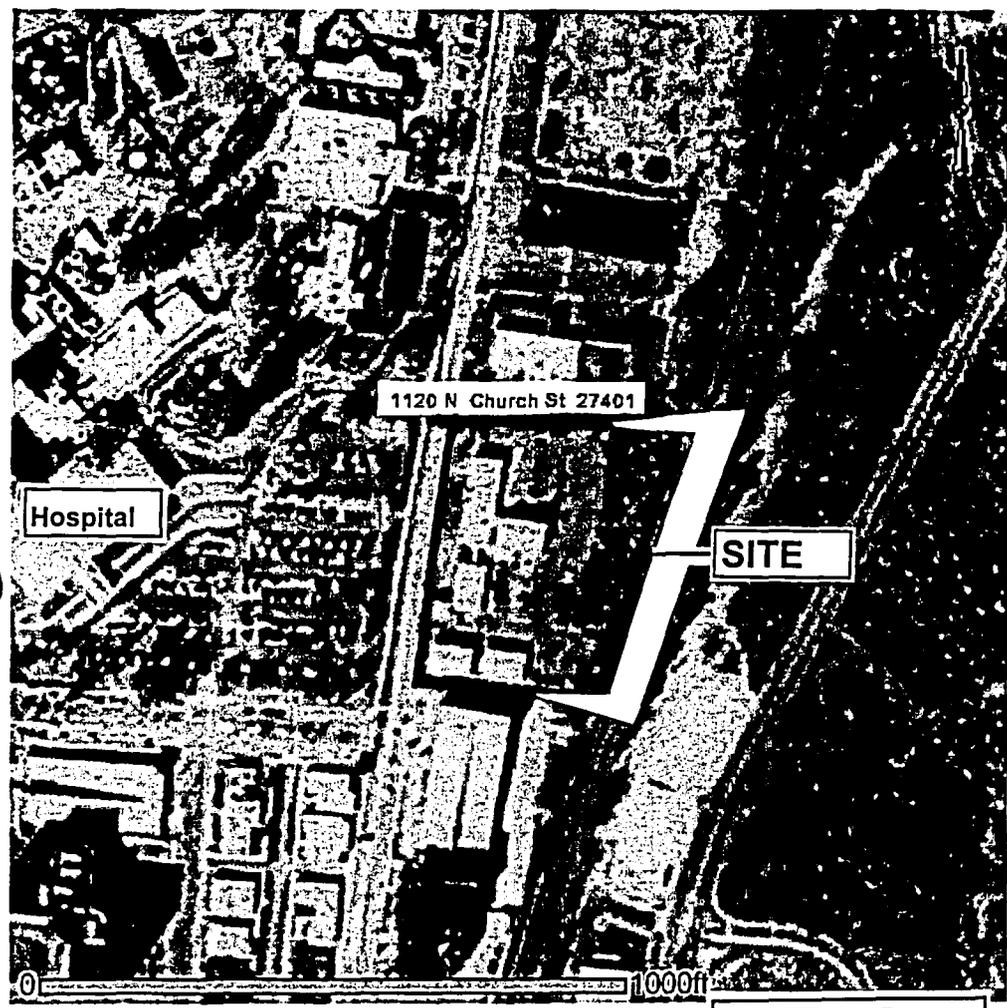
09/27/05

Date

USA Reserve XVIII Airborne Corps-Greensboro
NC9 210 021 755

Map for 1120 N Church St 27401

Location of 1120 N Church St 27401



VICINITY MAP

1:4,000

1998 AERIAL

Greensboro
7.5-minute Quadrangle

NC SPCS E: 539047.2, N:259973.3 meters
Long: -79.7834347 W, Lat: 36.0909742 N



MEMORANDUM

TO: File

FROM: S. Franch, Environmental Chemist, NC Superfund Section

DATE: May 16, 2005 *S. Franch*

SUBJECT: Status of U.S. Army Reserve Centers in North Carolina

SITE: USA Reserves XVIII Airborne Corps Sites in North Carolina (see attached email, dated 5-12-05, with list of sites)

Summary from telecommunications of April 7 and May 5, 2005 with Michelle Hook (803 751-6757). She is the Environmental Manager that oversees the reserve centers in both North and South Carolina. Ms. Hook is a contractor to the US Army 81st Regional Readiness Command (RRC), Installation Management, employed by Bregman & Company and based in Fort Jackson, SC. The RRC's environmental division chief is Mr. Steven Francis (205 912-6957) who is based in Alabama.

Michelle Hook has visited all of the NC sites in the capacity of an environmental auditor. She has been in this position since 1999 and doesn't have many records prior to 1992. Prior to 1992, military bases were not required to comply with local environmental regulations or keep records of spent solvents, nor did they have an Environmental Program. They did have guidelines on handling of hazardous substances such as Army Regulations 200-1 and 200-2. The Federal Facilities Compliance act was passed in 1992 that required the military to abide by local regulations and keep records of spent chemicals. All of these reserve centers are conditionally exempt from RCRA.

As auditor she examines the sites for dead vegetation, inquires about any spills, reviews handling procedures for various solvents and reviews their recycling program. The Defense Reutilization Marketing Office (DRMO) manages recycleable and non-recycled generated products at military installations. This program selects a contractor to retrieve and redistribute for reprocessing or reuse as a fuel additive in boilers elsewhere. All spent solvents (used oil, antifreeze, lubricants, and batteries) are collected by a contractor (Safety Kleen) and transported off site. The contractor also removes such items as any leftover paint cans, oil soaked vermiculite, and greasy rags.

The original administrator of these centers --Director of Engineering and Housing-- was based under the 18th Airborne Corps at Fort Bragg. None of the reserve centers have gasoline pumps on site. Fuel is obtained at nearby civilian gas stations and nearby military installations. All of the centers had heating oil tanks, mainly above

ground. These have been removed during the conversion to natural gas. Both the Hickory (NC6 210 021 626) and the Wilmington (NC0 210 021 929) centers had underground storage tanks for heating oil. Contractors that removed the oil tanks would determine whether samples should be obtained if they saw any suspected leaks or soil discoloration. Several of the centers have only administration buildings with no facilities for vehicle maintenance. None of the centers were on well water. Because the reserve centers are mostly located within the city, all are connected to city sewers.

Two of the centers are in the process/or have been sold. These are the Greenville center (NC8 210 022 044) and the Durham Center (NC9 210 022 787) on Foster Street. The Greenville center is undergoing an EBS (Environmental Baseline Study) prior to being sold. The Durham Center on Foster Street has been sold to the City of Durham. A Durham Reserve Center still remains on Carol Street (NC4 210 021 891).

The Rocky Mount center (NC8 210 021 624) had a non-reportable quantity spill of hydraulic fluid. The Morehead City Reserve center (NC5 210 022 906) has been undergoing a site investigation. This was initiated since there had been construction plans to add more piers to accommodate additional landing boats. This project has been delayed following September 2001. This harbor area had been used for shipbuilding periodically since the 1860s.

Attachment: Email from Michelle Cook dated 5-12-05 (USA Reserve Centers in NC).

Subject: Status of NC USAR Centers listed on CERCLIS
From: "Hook, Michelle Ms 81 RRC INSTL MGMT" <michelle.hook@usar.army.mil>
Date: Thu, 12 May 2005 15:50:36 -0400
To: <serafino.franch@ncmail.net>

Mr. Franch,

Below is a brief description of NC USAR facilities you inquired about. Some of the facilities are administrative facilities only and have never had any vehicle maintenance activities conducted on site. Some of the facilities have small vehicle maintenance shops that handle minor maintenance activities and there is one that is a larger vehicle maintenance shop which handles minor and major maintenance activities. With reference to the administrative-only facilities, I cannot explain the rationale of the Environmental Manager before me obtaining EPA ID numbers for these sites since these facilities do not generate any HW. However, the paperwork was submitted to NCDENR and EPA ID numbers were generated for these facilities. Please note all USAR Centers in NC are classified as CESQG.

The 81st RRC has an Environmental Regulation in place that details how HM items should be stored and how HW items are to be properly disposed. Facility personnel are also required to inform the Environmental Division of any spills of petroleum products. You had asked for copies of Preliminary Assessments for each of these facilities yet I was only able to locate the PA for one, NC6210022905. This is the location of the larger vehicle maintenance shop and I assume the person that held my position during that time period understood the requirement to only involve that type of facility and not facilities that have the smaller vehicle maintenance shops or the administrative-only facilities.

1. NC6210022046. The Jesse F. Niven USAR Center, constructed in 1958, is situated on a 3.92-acre parcel located at 1816 East Main Street, Albemarle NC 28001. The center consists of a 11,392 ft² training and assembly building and a 2,619 ft² vehicle maintenance shop. Minor maintenance activities such as oil changes are conducted at the maintenance shop. Numerous internal inspections have been conducted at the facility dating back to 1992 that indicate no signs of contamination. One 500-gallon heating oil UST was removed on 28 September 1994 by Environmental Technology of North America, Inc. The Closure Report was submitted to the NCDENR 27 December 1994. Heating oil USTs are not regulated in the state of North Carolina and no additional documentation from the state is available. No Preliminary Assessment was completed for this facility.
2. NC4210020042. The Walter Hatch Lee USAR Center, constructed in 1950, is situated on a 9-acre parcel located at 224 Louisiana Avenue, Asheville NC 28806. The center consists of a 29,164 ft² training and assembly building and a 2,300 ft² vehicle maintenance shop. Minor maintenance activities such as oil changes are conducted at the vehicle maintenance shop. Numerous internal inspections have been conducted at the facility dating back to 1992 that indicate no signs of contamination. No Preliminary Assessment was completed for this facility.
3. NC7210022045. The Miller Duckett USAR Center, constructed in 1959, is situated on a 4.06-acre parcel located at 306 East French Broad Avenue, Brevard NC 28712. The center consists of a 4,316 ft² training and assembly building, a 4,000 ft² utility building used for training and supply storage and a 1325 ft² vehicle maintenance shop. No maintenance activities are conducted in the maintenance shop, the building is used for storage. No Preliminary Assessment was completed for this facility.
4. NC6210022905. The Charlotte USAR Center and Area Maintenance Support Activity (AMSA) 122(G) is situated on a 14-acre parcel located at 1330 Westover Street, Charlotte NC 28205. The USAR Center

consists of three training and assembly buildings; a 28,402 ft² two story building, a 23,287 ft² two story building, and an 8,180 ft² one story building. There is also a 7,598 ft² vehicle maintenance shop that is utilized by the AMSA 122(G). The AMSA 122(G) performs minor and major vehicle maintenance activities on military equipment. Numerous internal inspections have been conducted at the facility dating back to 1992 that indicate no signs of contamination. Attached is a copy of the 14 June 1990 Preliminary Assessment.

5. NC9210022787. The Durham #2 USAR Center, constructed in 1928, was situated on a 0.9-acre parcel located at 724 Foster Street, Durham NC 27701. The center consisted of a 29,918 ft² two story training and assembly building. No maintenance activities were performed at the facility, it was an administrative facility only. No Preliminary Assessment was completed for this facility. The facility was transferred to the City of Durham in 2002.

6. NC4210021891. The Durham #1 USAR Center, constructed in 1962, is situated on a 5.5-acre parcel located at 1228 Carroll Street, Durham NC 27707. The center consists of 15,624 ft² two story training and assembly building, a 3,500 ft² utility building and a 3,800 ft² vehicle maintenance shop. Minor maintenance activities such as oil changes are conducted at the maintenance shop. Numerous internal inspections have been conducted at the facility dating back to 1992 that indicate no signs of contamination. No Preliminary Assessment was completed for this facility.

7. NC4210022907. The BG James Moore USAR Center, constructed in 1974, is situated on a 5-acre parcel located at 2017 West Garner Road, Garner NC 27529. The center consists of a 21,550 ft² training and assembly building, a 3,500 ft² utility building and a 2,160 ft² vehicle maintenance shop. Minor maintenance activities such as oil changes are conducted at the maintenance shop. Numerous internal inspections have been conducted at the facility dating back to 1992 that indicate no signs of contamination. No Preliminary Assessment was completed for this facility.

8. NC9210021755. The E. Earle Rives AFRC, constructed in 1955, is situated on a 4.41-acre parcel located at 1120 North Church Street, Greensboro NC 27401. The center consists of a 16,500 ft² training and assembly building, two 5,000 ft² storage buildings and a 1,100 ft² vehicle maintenance shop. Minor maintenance activities such as oil changes are conducted at the maintenance shop. Numerous internal inspections have been conducted at the facility dating back to 1993 that indicate no signs of contamination. A 1000-gallon heating oil UST was removed in 1991 when the facility converted to natural gas. No Preliminary Assessment was completed for this facility.

9. NC0690308242 (NC8210022044 associated with 1391 North Memorial Drive). The Preston C. Clark USAR Center, constructed in 1958, is situated on a 3-acre parcel located at 1301 North Memorial Drive, Greenville NC 27834. The center consists of a 10,850 ft² training and assembly building, a 3,500 ft² utility building and a 3,390 ft² vehicle maintenance shop. The facility was vacated March 2004 when the units assigned to the facility transferred to another USAR Center. While the facility was still occupied, only minor maintenance activities such as oil changes were conducted at the maintenance shop. Numerous internal inspections have been conducted at the facility dating back to 1994 that indicate no signs of contamination. A 1,000-gallon and a 2,000-gallon underground storage tank that housed heating oil were removed in 1990. They were replaced by a 600-gallon AST that also housed heating oil. The facility converted to natural gas in the mid 1990's and the 600-gallon AST, which is empty, remains on site. No Preliminary Assessment was completed for this facility.

10. NC6210021626. The D. W. Hudson USAR Center, constructed in 1998, is situated on a 3.21-acre parcel located at 1500 12th Street Drive NW. The old training and assembly building constructed in the 1950's was demolished in 1996 to allow for remediation activities to proceed and to eventually make way

North Carolina Department of Human Resources
Division of Health Services

*WHP 120
11/2/85*

COUNTY OF Guilford EPA I.D.# NC 9710021755

SMALL HAZARDOUS WASTE GENERATOR SURVEY

5

1. GENERAL INFORMATION:

Name of Facility: Army Reserve - 18th Airborne Cav
Facility Contact: John Hunsucker Phone: 919-272-2812
Facility Location: _____
Street: 1120 N. Church St.
City: Greensboro Zip Code: 27401

2. NATURE OF BUSINESS: (Provide Brief Description)

Army Reserve Center - Change oil in vehicles

3. NATURE OF HAZARDOUS WASTES: (Provide Brief Explanation)

Waste oil

4. DESCRIPTION OF HAZARDOUS WASTE:

A	B	C	D	E	F*	G*	H
Hazardous Waste #	Annual Quantity	Unit Meas.	Storage	Treatment	Transportation	Disposal	Manifest Available (Yes or No)
	225	P	SOI	TSIC			No

*Provide name, address and I.D. # of transporter and disposal site in comments.

5. COMMENTS:

Area Organizational Maintenance Shop in Winston-Salem takes the waste oil.

6. DATE OF SURVEY: 10-23-85

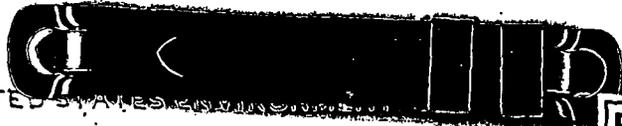
By: Tommy L. Hancock P.S. Department: Guilford County Health

(Instructions on Reverse)





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



REFERENCE 4

REGION IV
345 COURTLAND STREET
ATLANTA, GEORGIA 30365

RECEIVED

AUG 15 1991 ←

SUPERFUND SECTION

AUG 14 1991

4WD-RCRA & FF

Colonel K.W. Crissman
Director of Engineering & Housing
Headquarters, XVIII Airborne Corps & Fort Bragg
Fort Bragg, North Carolina 28307-5000

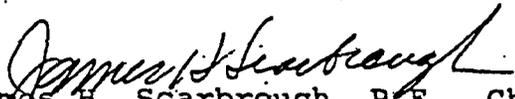
Re: Preliminary Assessments
U.S. Army Reserve Centers in North Carolina

Dear Colonel Crissman:

The Preliminary Assessment forms for potential hazardous waste sites at U.S. Army Reserve Centers in North Carolina, submitted by letter of June 21, 1990, have been reviewed by the U.S. Environmental Protection Agency. Based upon the information submitted and a telephone verification by Mr. William A. Kern of your Directorate, we have concluded that no further action is needed at this time.

If any releases of hazardous substances to the environment should occur in the future or any information on any past releases should be found, these should be reported to EPA. If you have questions concerning this review, please contact Mr. J.C. Meredith, P.E., Remedial Project Manager, at (404) 347-3016.

Sincerely yours,


James H. Scarbrough, P.E., Chief
RCRA & Federal Facilities Branch
Waste Management Division

cc: Lee Crosby, NCDEHNR



REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

REFERENCE 5

AUG 27 1991

WD-RCRA & FF

RECEIVED

SEP 09 1991

Certified Mail
Return Receipt Requested

HAZARDOUS WASTE SECTION

Commander
Directorate of Engineering and Housing
Attention: AFZA-DE-RJ (Mr. Robert Turner)
Fort Bragg, NC 28307

RE: Updating Preliminary Assessments for the Revised
Hazard Ranking System
U. S. Army Reserve Centers

Dear Sir:

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), requires the U.S. Environmental Protection Agency (EPA) to establish a Federal Agency Hazardous Waste Compliance Docket to provide information on the status and compliance of federal facilities that may have releases of hazardous substances. Section 120 specifically addresses federal agency compliance with requirements on response actions, site evaluations, and hazard ranking procedures for facilities on the Docket. The U. S. Army Reserve Centers on the enclosed list are on the Docket.

EPA Region IV is currently contacting each federal facility on the Docket but not on the National Priorities List (NPL) to request updated information required by the revised Hazard Ranking System (HRS2) of the National Contingency Plan (NCP), which became effective March 14, 1991. Our records indicate that a Preliminary Assessment (PA) report or its equivalent was submitted previously for the reserve centers and that it was determined that no further action was needed at that time. We are writing to request updated information on any releases of hazardous substances that may have occurred or been discovered since that time.

We are enclosing the basic guidelines for a Preliminary Assessment. If the EPA determines from the updated PA information that a release has occurred or there is a potential for release, we may require further investigation later in the form of a Site Inspection (SI). We are also enclosing guidelines on the requirements of HRS2, generally to be utilized following an SI; however, we are not requesting that level of investigation at this time. Both PA and SI are defined in the NCP (40 CFR 300).

We are requesting submittal of the updated PA information within 60 days of receipt of this letter. If that is not feasible, we request submittal of a timetable for compliance within 30 days of receipt of this letter.

If you have questions regarding the updating of PA information, please contact Mr. J. C. Meredith of this office at (404) 347-3016.

Sincerely yours,

for *James H. Scarbrough*
James H. Scarbrough, P.E., Chief
RCRA & Federal Facilities Branch
Waste Management Division

Enclosure

cc: Mr. William L. Meyer, Director
Division of Solid Waste Management
North Carolina Department of Environment,
Health & Natural Resources
Post Office Box 27687
Raleigh, NC 27611-7687

Commander
U. S. Army Toxic & Hazardous Materials Agency
CETHA-IR-S (Conrad Swann)
Aberdeen Proving Ground, MD 21010-5401

cc: *Jack Butler*
Superfund