

3.16 - 7/29/1994-2624

**PHOTO LOG
FOR OPERABLE UNIT NO. 10
(SITE 35)**

CAMP GEIGER AREA FUEL FARM

**MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA**

CONTRACT TASK ORDER 0232

JULY 29, 1994

Prepared For:

**DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES
ENGINEERING COMMAND
*Norfolk, Virginia***

Under:

**LANTDIV CLEAN PROGRAM
Contract N62470-89-D-4814**

Prepared By:

**BAKER ENVIRONMENTAL, INC.
*Coraopolis, Pennsylvania***

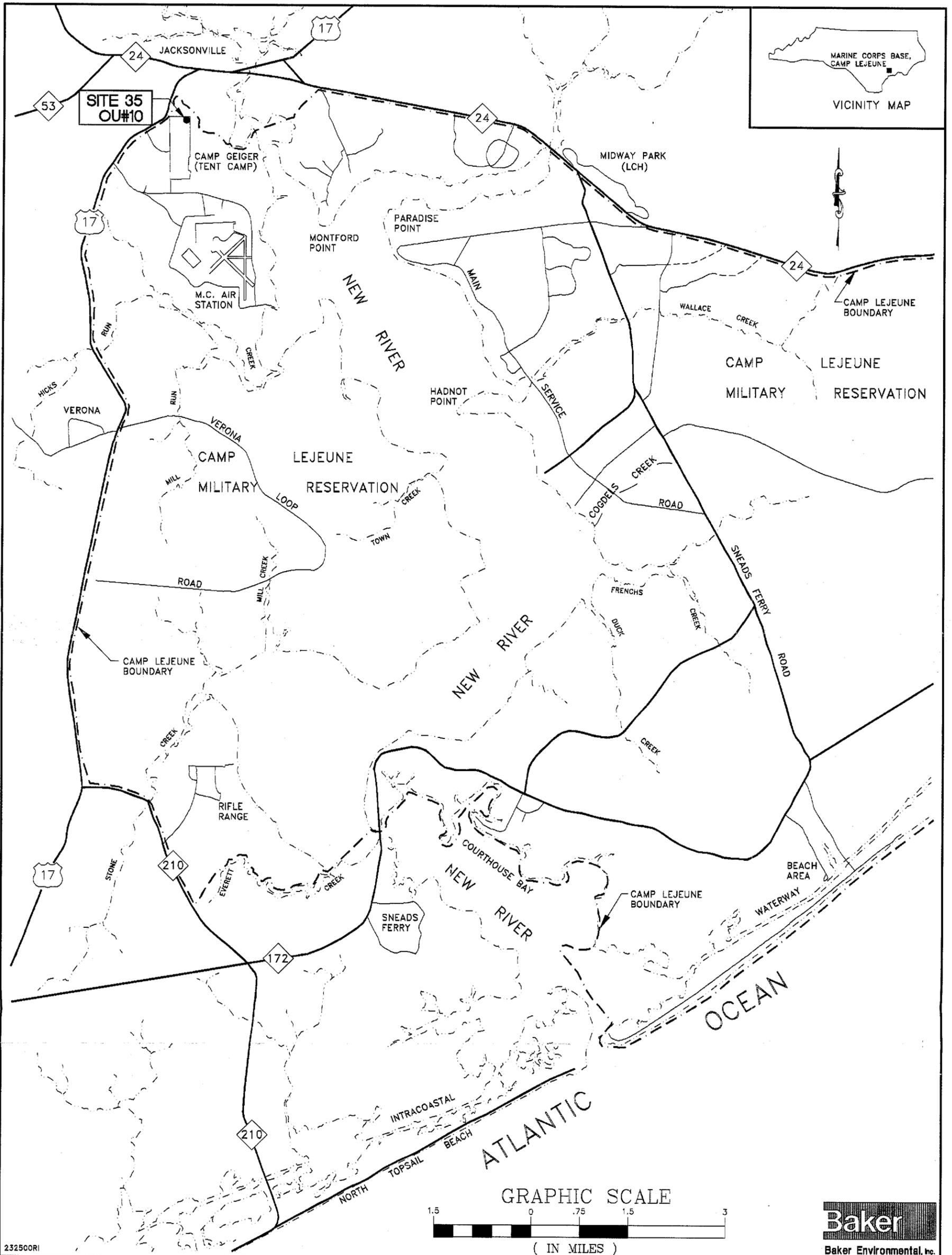
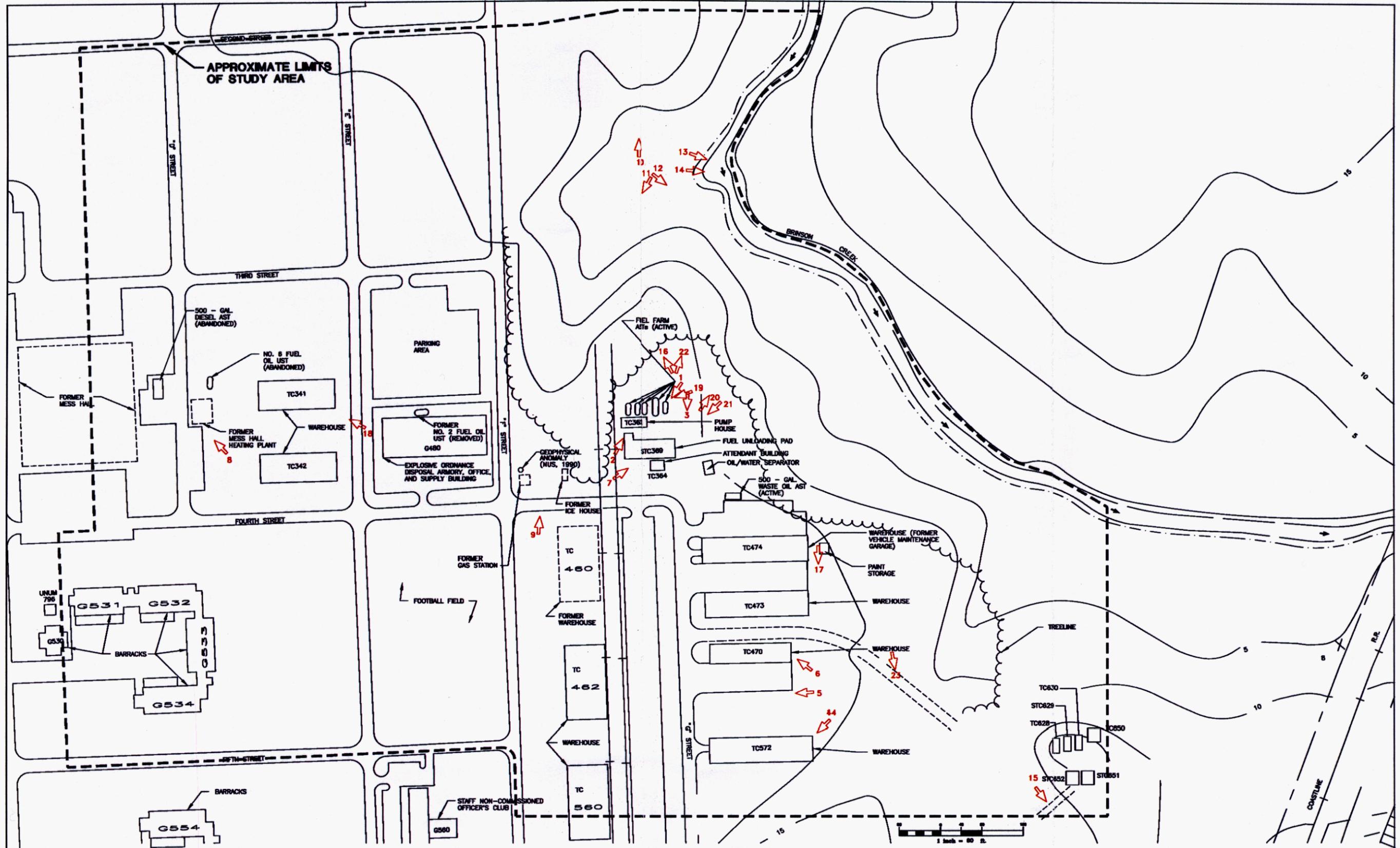


FIGURE 1
 CAMP LEJEUNE AND SITE 35
 LOCATION MAP

MARINE CORPS BASE, CAMP LEJEUNE
 NORTH CAROLINA

02624 B01Z



LEGEND
 1 -> - PHOTOGRAPH NUMBER AND DIRECTION

DATE JULY 1994
 SCALE 1" = 80'
 DRAWN W.H.
 REVIEWED D.L.B.
 S.O.# 62470-232-0000-07000
 CADD# 232501RE



INTERIM REMEDIAL ACTION REMEDIAL INVESTIGATION CTO-0160
 MARINE CORPS BASE, CAMP LEJEUNE
 NORTH CAROLINA

BAKER ENVIRONMENTAL, Inc.
 Coraopolis, Pennsylvania



PHOTOGRAPH LOCATION MAP
 SITE 35 - CAMP GEIGER AREA FUEL FARM

SCALE 1" = 80'
 DATE JULY 1994

FIGURE No.
 2

02624 B02Y

<u>Identification Number</u>	<u>Description</u>
OU10.SITE 35.1994.1	View of aboveground storage tanks (ASTs) located at the Camp Geiger Fuel Farm, looking southwest. The drums stored soil and fluids from a previous investigation and, although they remained on site at the time of the site visit, had been removed prior to the Remedial Investigation.
OU10.SITE 35.1994.2	A view of the ASTs and associated pump house located at the Camp Geiger Fuel Farm; looking northeast.
OU10.SITE 35.1994.3	A view down G Street from the Camp Geiger Fuel Farm, looking south. Note the row of warehouses on the east side of G Street. The first warehouse was formerly a vehicle maintenance facility and still utilizes a 500-gallon waste oil tank located near the double doors on the north side of the warehouse. Surface soil sample 35-SS03-00 was collected near the waste oil tank.
OU10.SITE 35.1994.4	View of Warehouse TC 572 located along G Street, looking southwest. This photo is the first in a series of three that illustrate the type of materials sorted in the fenced area between Warehouses TC572 and TC470.
OU10.SITE 35.1994.5	A view of fenced area between Warehouses TC572 and TC470, looking west. This is the second photo in the Series of three.
OU10.SITE 35.1994.6	A view of Warehouse TC470 located along G Street, looking northwest. This photo is the third of three. The survey stake in the foreground marks soil gas sample locations.
OU10.SITE 35.1994.7	A view of the fuel loading area and building TC36A located at the Camp Geiger Fuel Farm; looking northeast.
OU10.SITE 35.1994.8	A view of the location of the former Mess Hall Heating Plant, looking northwest. A Number 6 fuel oil underground storage tank (UST) was formerly located north of the heating plant and is the suspected source of hydrocarbon contamination in the area.
OU10.SITE 35.1994.9	The northeast corner of the intersection of Fourth and F Streets where a service station and an icehouse formerly existed; looking north. The foundation on the right of the photograph is the former icehouse location and the concrete slab near the trees in the center of the photograph is the former location of the service station.
OU10.SITE 35.1994.10	Remnants of drums and related debris observed northeast of manmade ponds during site visit; looking north.

- OU10.SITE 35.1994.11 A view of a small ditch which drains to a manmade pond; looking southwest. The pond was reportedly excavated to capture the fuel believed to have originated from a surface release of product (Law, 1992).
- OU10.SITE 35.1994.12 A view of an orange-stained pond and a white PVC pipe located downgradient of the manmade pond visible in Photograph OU10.SITE35.1994.11, looking east. The PVC serves as an unregulated outlet that originates at the manmade pond and discharges into the orange-stained pond. This smaller pond discharges to a small ditch which eventually conveys flow to Brinson Creek.
- OU10.SITE 35.1994.13 A view of Brinson Creek, looking east, as seen from the confluence of the unnamed discharge channels located north of the Fuel Farm.
- OU10.SITE 35.1994.14 A view of a sheen observed on Brinson Creek at the Confluence of the unnamed discharge channels and Brinson Creek looking east. The sheen developed when the sediments along the bank of Brinson Creek were disturbed. This is a typical phenomena along the creek's southwestern bank.
- OU10.SITE 35.1994.15 A view of sign marking the entrance to the "Commarforlant Nuclear Biological Chemical Defense School Training Range," looking southeast. The training range is adjacent to the eastern edge of the site.
- OU10.SITE 35.1994.16 View drilling subcontractor advancing soil boring SB-33 during Interim Remedial Action; looking north.
- OU10.SITE 35.1994.17 View of Baker's subcontractor collecting soil gas sample 35-SGS-42 located near the southeastern corner of building TC474; looking south.
- OU10.SITE 35.1994.18 View of Baker's subcontractor collecting soil gas sample 35-SG-12 located near eastern side of buildings TC341 and TC342; looking northwest.
- OU10.SITE 35.1994.19 View of Baker personnel preparing to collect surface soil sample 35-SS11-00; looking southwest.
- OU10.SITE 35.1994.20 View of Baker's drilling subcontractor advancing Type III monitoring well 35-GWD-2 (using fluid rotary techniques) during the Remedial Investigation; looking northeast.
- OU10.SITE 35.1994.21 View of semi-confining soil unit separating the surficial aquifer from the Castle Hayne Aquifer. It is generally described as a greenish grey, fine-grained, sand with some silt and trace amounts of shells. The soil type was generally encountered at 35 to 45 feet. This particular

sample was obtained from 35GWD02 at a depth of 46 to 48 feet.

OU10.SITE 35.1994.22

View, looking northwest, of soil IDW management area located adjacent to the Fuel Farm. Soils were temporarily staged in drums and later transferred into a lined roll-off box pending analysis.

OU10.SITE 35.1994.23

Baker's drilling subcontractor advancing monitoring well/boring 35-MW35B; looking south.



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A view of the ASTs and associated pump house located at the Camp Geiger Fuel Farm; looking northeast.

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A view of the location of the former Mess Hall Heating Plant, looking northwest. A Number 6 fuel oil underground storage tank (UST) was formerly located north of the heating plant and is the suspected source of hydrocarbon contamination in the area.



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The northeast corner of the intersection of Fourth and F Streets where a service station and an icehouse formerly existed; looking north. The foundation on the right of the photograph is the former icehouse location and the concrete slab near the trees in the center of the photograph is the former location of the service station.



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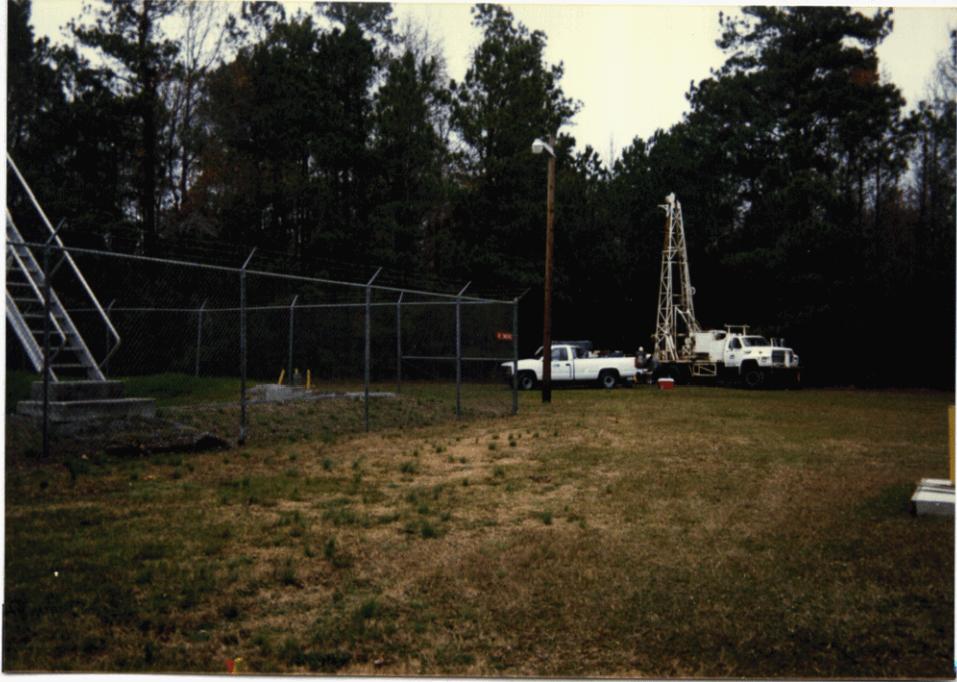
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OU10.SITE 35.1994.18

View of Baker and subcontractor collecting soil gas sample 35-SG-12 located near eastern side of buildings TC341 and TC342; looking northwest.



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