

**FINAL
NON-TIME-CRITICAL REMOVAL ACTION
SITE 95 MAGNOLIA ROAD**

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



**CONTRACT No. N40085-08-D-1409
CTO: 0003**

RHĒA PROJECT No. 390

AUGUST 2010

PREPARED FOR:



NAVFAC Mid-Atlantic
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PREPARED BY:



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MEMORANDUM

TO: Ms. Gena Townsend, USEPA DATE: August 31, 2010
Mr. Randy McElveen, NCDENR

FROM: Rhēa Engineers & Consultants, Inc.

CC: Mr. David Cleland, NAVFAC
Mr. Robert Lowder, MCB CamLej

**RE: NON-TIME-CRITICAL REMOVAL ACTION SUMMARY
SITE 95 MAGNOLIA ROAD**

INTRODUCTION

This technical memorandum describes site work for the Non-Time-Critical Removal Action (NTCRA) for Site 95 Magnolia Road at Marine Corps Base Camp Lejeune (MCB CamLej) in Onslow County, North Carolina (Figure 1). The NTCRA was conducted to remove soil with arsenic concentrations above North Carolina Department of Environment and Natural Resources (NCDENR) Division of Waste Management, Federal Remediation Branch Target Screening Values (NCTSV). The NTCRA field activities were conducted between April 19 and June 17, 2010. A photograph log of site activities is provided as Attachment A.

Rhēa Engineers & Consultants, Inc. (Rhēa) was tasked with submitting this summary under Contract Number N40085-08-D-1409-0003 with the Naval Facilities Engineering Command (NAVFAC) Mid-Atlantic. Rhēa provided engineering, excavation oversight and confirmation sampling services.

SITE BACKGROUND

SITE DESCRIPTION

Site 95 Magnolia Road is a vacant area with trees and low-growing shrubs. It is located to the west of an unpaved road that branches south of Magnolia Road. Access to the site is provided along unimproved roads – Old Town Point Road to the south, Magnolia Road

to the north, and an unnamed connector road east of the site. Site 95 Magnolia Road is located approximately 1,500 feet from the western bank of the New River (Figure 2).

NATURE AND EXTENTS OF CONTAMINATION

Soil at Site 95 Magnolia Road was sampled for pesticides and metals in 2004 (Baker, 2004). According to the report, detected arsenic concentrations exceeded the United States Environmental Protection Agency (USEPA) 2004 Region 9 Residential Preliminary Remediation Goals (PRGs) and the North Carolina Soil-to-Groundwater standard applicable at the time. The nature and extent of contamination at Site 95 Magnolia Road was assessed during a Site Investigation (SI) Report completed in 2007. The report concluded arsenic concentrations in soil exceeded regulatory limits applicable at the time (CH2M Hill, 2007).

In October 2009, the NCDENR revised the Soil Screening Level Table to reflect the USEPA Region 4 decision to use the updated USEPA Regional Screening Levels (RSL) tables rather than the outdated Region 9 tables. The NCTSV table is compiled from RSL data and state-specific calculations for groundwater criteria. The updated NCTSV table lists the soil to groundwater protection criteria for arsenic at 5.44 milligrams per kilogram (mg/kg).

Based on review of the previous reports, the analytical results for nine surface samples (IR95B-IS109, IR95B-IS110, IR95B-IS114, IR95B-IS115, IR95B-IS116, IR95B-IS119, IR95B-IS120, IR95B-IS121, and IR95B-IS125) and five subsurface samples (IR95B-IS109, IR95B-IS111, IR95B-IS115, IR95B-IS119, and IR95B-IS121) exceeded regulatory criteria for arsenic in soil. Arsenic concentrations in surface and subsurface soil at Site 95 were identified with the potential to pose unacceptable risks to human health and the environment and contaminate the groundwater. Arsenic concentrations exceeded the acceptable USEPA RSL of 39 mg/kg for human health risk (10^{-4}) and the NCTSV (Soil to Groundwater) of 5.44 mg/kg. A removal action to address the arsenic exceedance was recommended in the SI Report. Based on the analytical results of the previous reports, Rhēa estimated 376 cubic yards of soil would require excavation and appropriate disposal, or treatment, removal, and appropriate disposal.

A composite waste characterization soil sample was collected in November 2008 and a composite concrete sample from the concrete vat was collected in July 2009 to determine if they would be classified as hazardous (Rhēa, 2010a). The samples were analyzed under the USEPA Toxicity Characteristic Leaching Procedure (TCLP) method. The soil and concrete at Site 95 Magnolia Road were determined to be non-hazardous, based on the TCLP analytical results.

REMOVAL ACTION IMPLEMENTATION

An Engineering Evaluation/Cost Assessment (EE/CA) was conducted to study alternative removal actions (Rhēa, 2010a). An Action Memorandum (CH2M Hill, 2010) documented the selection of excavation with off-site disposal of arsenic impacted soil and

abandonment of nine monitoring wells. The Final Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) (Rhēa, 2010b) detailed the technical approach for the removal action.

Rhēa provided engineering support and oversight during the removal action. The Clark Group (CG) abandoned the nine wells located at the Lyman Road, Jaybird Road, and Magnolia Road sites. Coastal Carolina Resource Group, Inc. (CCRG) conducted the removal action at the Magnolia Road site. The removal action included installation of erosion and sediment controls, general site preparation, soil removal, off-site disposal of impacted soil, confirmatory soil sampling and site restoration. Site operations were completed in accordance to the UFP-SAP and the MCB CamLej Master Project Plans (CH2M Hill, 2008).

WELL ABANDONMENT

Prior to the removal action, CG abandoned the following monitoring wells at each of the Site 95 locations on the dates indicated:

Lyman Road site on March 29, 2010

- IR-95-MW-01
- IR-95-MW-02
- IR-95-MW-03

Magnolia Road site on March 30, 2010

- IR-95-MR-MW-01
- IR-95-MR-MW-02
- IR-95-MR-MW-03

Jaybird Road site on March 30, 2010

- IR-95-MW-04
- IR-95-MW-05
- IR-95-MW-06

Each monitoring well was pulled out of the ground with a winch. The well cavity was filled with bentonite through a tremie pipe inserted to the bottom of the cavity and slowly extracted to reduce the potential of air pockets forming during backfilling. The well abandonment record for each well is included in Attachment B.

The well guards and bollards collected from the Lyman Road and Jaybird Road sites were cleaned of soil and collected for potential reuse. The polyvinyl chloride (PVC) well material was collected by CG and disposed of in the Lot 203 municipal waste dumpster. The concrete debris from around the well guards and bollards was collected for later disposal at the MCB CamLej recycling center.

The bollards collected from the Magnolia Road site were power washed within the proposed excavation area and collected for potential reuse. The well guards and PVC

well material were power washed within the proposed excavation area, collected by CG and disposed of in the Lot 203 municipal waste dumpster. The concrete debris from around the well guards and bollards were placed in the dipping vat for later disposal at the MCB CamLej recycling center.

Paperwork notifying the State of North Carolina of the abandonment of these nine wells was submitted by CG.

EROSION AND SEDIMENT CONTROL

In preparation for excavation activities, CCRG placed a corrugated pipe in the ditch adjacent to the unnamed road approaching the site from the TLZ Cardinal entry. Eight to 12 inches of mulch was placed as an access drive from the road to the excavation area. The mulch was placed to control the transportation of sediments off site associated with loading and site access of dump trucks. Mulch containing impacted soil was loaded onto the last truck of each day. After soil removal and backfill activities were completed, the remaining mulch was spread across the site in preparation for revegetation. The corrugated pipe in the ditch was removed at the end of the site stabilization activities.

SITE PREPARATION

CCRG began site preparation activities on April 19, 2010 and continued the following activities during removal action down time.

Buried Utility Locate

Prior to excavation activities, a professional underground utility locator, Professional Locating Service (PLS) of Jacksonville, North Carolina, was consulted to identify any subsurface utilities at the site. No utilities were identified at Site 95 Magnolia Road.

Vegetation Clearance

CCRG removed trees, roots and brush from the excavation area. Tree trunks under 12 inches, tree tops, and branches were chipped with a Vermeer BC1000 and spread across the site during site restoration activities. Root systems removed from the excavation area were power washed and placed with tree trunks greater than 12 inches in adjacent areas to promote ecological habitat.

Concrete Removal

During concrete removal activities a second dip vat was identified below the first vat. The concrete associated with the second dip vat was also removed. The depth of the second vat extended into the groundwater.

The concrete from the dip vat entrance and exit aprons, first dip vat, second dip vat and well abandonment activities were power washed within the excavation area and transported to the MCB CamLej Recycling Center.

EXCAVATION

Excavation activities were conducted from April 20 through May 13, 2010. CCRG used a Kobelco backhoe and a Bobcat backhoe to excavate a total of approximately 1,244 tons of material. The final excavation consisted of an irregular shape with the east-west dimension at approximately 115 feet, and the north-south dimension at approximately 60 feet. The excavation depths ranged from 3.5 feet to approximately 9.0 feet below grade. Excavated soil was loaded directly into waiting dump trucks. Figure 3 depicts the excavation shape and depths.

CONFIRMATORY SAMPLING

Confirmatory sample locations were based on x-ray fluorescence (XRF) field screening results. The NCDENR screened the excavation surface with an XRF at numerous locations depicted on Figure 4 and listed on Table 1. In general, additional excavations were conducted at screening locations with elevated screening results greater than 15 mg/kg in accordance with NCDENR guidance in the field. Soil samples were generally collected when XRF screening results were below the instrumentation detection limits.

Rhēa collected confirmatory samples on April 22, 23, 27 and 28, and May 6 and 12, 2010 from the excavation bottom and sidewalls to verify that the remedial action objective (RAO) identified in the Final UFP-SAP (Rhēa, 2010b) had been achieved. Confirmatory sample locations are depicted on Figure 5. Samples were submitted to Katahdin Analytical Services, Inc. (Katahdin), Scarborough, Maine via Federal Express for arsenic analysis by USEPA Method 6010B. Analytical results for the sidewall and bottom samples are listed in Table 2. One sample from each sidewall and the bottom were initially selected.

Sidewall sample locations that exceeded the RAO were excavated and soil samples from the surrounding areas were subsequently submitted for analysis. This process was continued horizontally until all in-place sidewall samples analyzed were below the RAO.

Bottom sample locations that exceeded the RAO were excavated to just above the groundwater elevation, and soil samples from adjacent areas were subsequently submitted for analysis. Additional soil samples at the groundwater elevation were not collected because previously collected groundwater samples reported arsenic concentrations below North Carolina Groundwater Quality Standards (CH2M Hill, 2007).

Based on the original excavation estimated boundaries, the final excavation boundaries were an additional 3 to 8 feet northwest along a portion of the northwest sidewall (Sidewall 1), 10 to 15 feet northeast along a portion of the northeast sidewall (Sidewall

2), 4 to 6 feet southeast along a portion of the southeast sidewall (Sidewall 3), and 2 to 5 feet southwest along a portion of the southwest sidewall (Sidewall 4). The original excavation depth of 3.5 feet was extended to 4.5 to 9.0 feet in various areas as depicted on Figure 3.

OFF-SITE DISPOSAL

Excavated soil was directly loaded into dump trucks operated by G.J. Adam Trucking Inc. of Rocky Point, North Carolina, and transported to the MCB CamLej Landfill between April 20 and May 13, 2010. CCRG loaded 68 dump trucks with 15 cubic yard beds, for a total of 1,020 truck yards. Truck yards are generally greater than in-place cubic yards due to disturbance of the material. Weight tickets for each load are included in Attachment C and are summarized on Table 3. A total of 1,245 tons of material was removed from the excavation.

SITE RESTORATION

CCRG backfilled the excavation after the RAO was attained along the sidewalls and additional excavation was completed for the bottom to just above the groundwater elevation. After backfilling, the disturbed areas of the site were revegetated.

Backfilling

Rhēa collected a composite sample of the proposed backfill soil from the Morton Trucking, Inc. pit in Jacksonville, North Carolina on April 20, 2010. The composite sample consisted of five grab samples thoroughly homogenized. The grab samples were collected from various stockpiles, four to six inches below the surface. The composite sample was shipped to Katahdin for target analyte list (TAL) metals (Method 6010), target volatile list (TVL) (Method 8260B), pesticides (Method 8081A), TCLP volatile organic compounds (VOCs) (Method 5030/1311), TCLP semi-volatile organic compounds (SVOCs) (Method 3510/1311), TCLP metals (Method 6010/1311), reactivity (Method SW846 7.3.3 and 7.3.4), corrosivity (Method SW846 9045C) and ignitability (Method SW846 1010) (RCI).

TAL metals, TVL, and pesticides were reported below practical quantitation limits (PQL), or MCB CamLej background levels. The TCLP and RCI analyses were reported below PQL or hazardous levels.

CCRG backfilled the excavation with approximately 1,005 truck yards of sandy material on May 17 and 18, 2010. Load tickets of the backfill material are included in Attachment D. The area was backfilled to the surrounding grade to minimize erosion. The remaining mulch from the access drive, cleaned of arsenic-contaminated soil, and the wood chips from the fallen trees were mixed with the top layer of sandy backfill material to promote nutrient enrichment.

Revegetation of Disturbed Areas

After backfilling and site grading activities were completed, CCRG applied a hydroseed mixture to the disturbed areas of the site with a Finn T90-II Hydroseeder. The hydroseed mixture consisted of 25 pounds per acre (lbs/acre) of stabilization seed mix, 1,500 lbs/acre 70 percent wood and 30 percent paper mulch, tackifier, lime, and 225 lbs/acre 20-20-20 water soluble fertilizer. The hydroseed mixture will provide a temporary soil erosion control as the vegetation takes root.

MONITORING WELL

After site restoration activities were completed, CH2M Hill installed a monitoring well (IR95B-GW04). The well was installed to 16 feet below grade with a 10-foot screen on June 16, 2010. A groundwater sample (IR95B-GW04-10B) was collected from the temporary monitoring well on June 17, 2010 and submitted to Katahdin for total and dissolved arsenic analysis. The laboratory reported arsenic was not detected above the PQL from the groundwater sample.

COST BREAKDOWN

The costs and their representative percentage for each sector of the project are listed in Table 4. The majority of the cost was allocated to the soil removal activity. Based on these costs, the removal action cost is \$122 per ton.

ATTACHMENTS

ATTACHMENT A	Photograph Log
ATTACHMENT B	Well Abandonment Records
ATTACHMENT C	Disposal Weight Tickets
ATTACHMENT D	Backfill Load Tickets

REFERENCES

Baker, 2004. *Suspected Dipping Vat Sampling and Suspected Asbestos Shingle/Transit Board Sampling*, Baker Environmental, Inc. June 18, 2004.

CH2M Hill, 2007. *Site Investigation Report, Site 95 – Operable Unit No. 22, Historical Livestock Dipping Vats, Marine Corps Base Camp Lejeune, Jacksonville, North Carolina*, CH2M Hill. June 2007.

CH2M Hill, 2008. *Master Project Plans, Marine Corps Base Camp Lejeune, Jacksonville, North Carolina*. June 2008.

CH2M Hill, 2010. *Final Action Memorandum, Site 95 Magnolia Road Dipping Vat Site, Marine Corps Base, Camp Lejeune, North Carolina*. CH2M Hill. March 2010.

North Carolina Department of Environment and Natural Resources (NCDENR), 2009. *Federal Remediation Branch Target Screening Values*. North Carolina Department of Environment and Natural Resources, Division of Waste Management, Hazardous Waste Section. October 2009.

Rhēa Engineers & Consultants, Inc. (Rhēa), 2010a. *Final Engineering Evaluation/Cost Analysis (EE/CA), Site 95, Marine Corps Base, Camp Lejeune, North Carolina*. Rhēa Engineers & Consultants, Inc. January 2010.

Rhēa, 2010b. *Final Sampling and Analysis Plan (Field Sampling Plans and Quality Assurance Project Plan), Non-Time-Critical Removal for Arsenic Contaminated Soil, Site 95 Magnolia Road, Marine Corps Base, Camp Lejeune, North Carolina*. Rhēa Engineers & Consultants, Inc. April 2010.

TABLES

TABLE 1
XRF Field Screening Values
Site 95 Magnolia Road
MCB CamLej, North Carolina

	Date	XRF Field Screening Location	Depth from Ground Surface (ft)	XRF Reading (mg/kg)	Notes	Soil Sample
Excavation Bottom	4/21/2010	CL95-CB01	8.0	29.0	Original Screening Point	
	4/21/2010	CL95-CB03	9.0	34.6	Additional Screening Point	
	4/21/2010	CL95-CB02	8.0	17.8	Original Screening Point	
	4/21/2010	CL95-CB04	9.0	27	Additional Screening Point	
	4/21/2010	CL95-CB05	6.0	ND		
	4/22/2010	CL95-CB06	3.5	18.6	Original Screening Point	
	4/22/2010	CL95-CB19	4.5	ND	Additional Screening Point	CL95-B3
	4/22/2010	CL95-CB07	3.5	62.5	Original Screening Point	
	4/22/2010	CL95-CB20	4.5	71.9	Additional Screening Point 1	
	4/22/2010	CL95-CB22	5.0	50	Additional Screening Point 2	
	4/22/2010	CL95-CB23	7.0	18.8	Additional Screening Point 3	CL95-B5
	4/22/2010	CL95-CB08	3.5	28	Original Screening Point	
	4/22/2010	CL95-CB21	4.5	ND	Additional Screening Point	CL95-B4
	4/22/2010	CL95-CB09	3.5	ND		CL95-B1
	4/22/2010	CL95-CB10	3.5	ND		CL95-B6
	4/22/2010	CL95-CB11	3.5	22.9		
	4/22/2010	CL95-CB12	3.5	ND		CL95-B9
	4/22/2010	CL95-CB13	3.5	ND		CL95-B2
	4/22/2010	CL95-CB14	3.5	26.3	Original Screening Point	
	4/23/2010	CL95-CB24	4.5	ND	Additional Screening Point	CL95-B10
	4/22/2010	CL95-CB15	3.5	16.5	Original Screening Point	
	4/23/2010	CL95-CB25	4.5	ND	Additional Screening Point	CL95-B11
	4/22/2010	CL95-CB16	3.5	169.4		CL95-B8
	4/22/2010	CL95-CB17	4.0	120.8		
	4/22/2010	CL95-CB18	4.0	ND		CL95-B7
	4/27/2010	CL95-CB26	3.5	ND		CL95-B12
	4/27/2010	CL95-CB27	3.5	ND		CL95-B19
	4/27/2010	CL95-CB28	3.5	29		
	4/27/2010	CL95-CB29	3.5	26		
	4/27/2010	CL95-CB30	3.5	28		
	4/27/2010	CL95-CB31	3.5	ND		
	4/27/2010	CL95-CB32	3.5	55	Original Screening Point	
	4/27/2010	CL95-CB38	5.0	ND	Additional Screening Point	CL95-B16
	4/27/2010	CL95-CB33	3.5	21	Original Screening Point	
	4/27/2010	CL95-CB37	5.0	15	Additional Screening Point 1	CL95-B15
	4/27/2010	CL95-CB41	6.0	ND	Additional Screening Point 2	
	4/27/2010	CL95-CB34	3.5	ND		
	4/27/2010	CL95-CB35	4.0	ND		
	4/27/2010	CL95-CB36	4.0	ND		
	4/27/2010	CL95-CB39	5.0	ND		
4/27/2010	CL95-CB40	5.0	ND			

XRF - X-Ray Fluorescence

ND - Not detected

Note: Indented screening locations were taken from the same approximate area as the original screening point.

TABLE 1
XRF Field Screening Values
Site 95 Magnolia Road
MCB CamLej, North Carolina

	Date	XRF Field Screening Location	Depth from Ground Surface (ft)	XRF Reading (mg/kg)	Notes	Soil Sample
Excavation Sidewalls	4/21/2010	CL95-SW1-FS01	3.0	122	Original Screening Point	
	4/22/2010	CL95-SW1-FS06	2.5	136.9	Additional Screening Point 1	
	4/22/2010	CL95-SW1-FS08	2.5	157	Additional Screening Point 2	
	4/22/2010	CL95-SW1-FS09	2.5	36	Additional Screening Point 3	
	4/23/2010	CL95-SW1-FS10	3.5	ND	Additional Screening Point 4a	
	4/23/2010	CL95-SW1-FS11	4.0	ND	Additional Screening Point 4b	CL95-SW1-01
	4/21/2010	CL95-SW1-FS02	3.0	27	Original Screening Point	
	4/22/2010	CL95-SW1-FS04	2.5	ND	Additional Screening Point 1a	
	4/22/2010	CL95-SW1-FS05	2.0	ND	Additional Screening Point 1b	
	4/21/2010	CL95-SW1-FS03	3.0	ND		
	4/22/2010	CL95-SW1-FS07	2.0	ND		
	4/21/2010	CL95-SW2-FS01	2.0	ND		
	4/21/2010	CL95-SW2-FS02	2.5	ND		
	4/21/2010	CL95-SW2-FS03	3.0	ND		
	4/27/2010	CL95-SW2-FS04	2.0	ND		
	4/27/2010	CL95-SW2-FS05	1.5	ND		
	4/22/2010	CL95-SW3-FS01	3.0	ND		
	4/22/2010	CL95-SW3-FS02	2.5	ND		
	4/22/2010	CL95-SW3-FS03	3.0	25.2	Original Screening Point	
	4/27/2010	CL95-SW3-FS05	2.5	40.9	Additional Screening Point 1	
	4/27/2010	CL95-SW3-FS06	2.0	ND	Additional Screening Point 2	
	4/23/2010	CL95-SW3-FS04	2.0	ND		CL95-SW3-01
	4/21/2010	CL95-SW4-FS01	2.5	ND		
	4/21/2010	CL95-SW4-FS02	2.5	ND		
	4/21/2010	CL95-SW4-FS03	2.5	ND		
	4/22/2010	CL95-SW4-FS04	2.5	51.2	Original Screening Point	
	4/22/2010	CL95-SW4-FS06	2.0	ND	Additional Screening Point	CL95-SW4-05
	4/22/2010	CL95-SW4-FS05	1.5	ND		
	4/22/2010	CL95-Pit N	5.0	ND		
	4/22/2010	CL95-Pit S	5.0	58.5	Original Screening Point	
4/23/2010	CL95-Pit S2	5.0	17	Additional Screening Point 1		
4/23/2010	CL95-Pit S3	5.0	ND	Additional Screening Point 2		

XRF - X-Ray Fluorescence

ND - Not detected

Note: Indented screening locations were taken from the same approximate area as the original screening point.

TABLE 2
Excavation Confirmation Samples
Site 95 Magnolia Road
MCB CamLej, North Carolina

Sample ID	CAS	NC Csoil	CL95-SW1-01	CL95-SW2-01	CL95-SW2-02	DUP-3	CL95-SW2-03	CL95-SW2-04	CL95-SW2-05	CL95-SW2-06
Depth (ft)					4.0	2.0	2.0		2.0	2.0
Sample Date			04/23/10	04/23/10	4/27/2010		4/27/2010	4/27/2010	04/28/10	04/28/10
Chemical Name										
Total Metals (mg/kg)										
Arsenic	7440-38-2	5.44	4.1	11.3	35.4	43.4	19.1	1.8	45.5	18.1
XRF Screening Result	-	-	ND	NA	NA	NA	NA	NA	NA	NA

Sample ID	CAS	NC Csoil	CL95-SW2-08	CL95-SW2-09	CL95-SW2-10	CL95-SW2-11	CL95-SW3-01	CL95-SW4-01	DUP-1	CL95-SW4-05	CL95-SW4-06
Depth (ft)					2.0	2.0	2.0	4.0	2.0	2.0	
Sample Date			5/6/2010	5/6/2010	5/6/2010	5/12/2010	04/23/10	04/23/10		4/27/2010	04/28/10
Chemical Name											
Total Metals (mg/kg)											
Arsenic	7440-38-2	5.44	7.8	2.8	3.2	0.31 J	0.76	24.5	20.9	1.2	0.58 J
XRF Screening Result	-	-	NA	NA	NA	NA	ND	NA	NA	ND	NA

Sample ID	CAS	NC Csoil	CL95-PIT B2	CL95-B3	CL95-B5	CL95-B6	CL95-B7	CL95-B8	CL95-B10	CL95-B13
Depth (ft)					9	4.5	7.0	3.5	3.5	6.0
Sample Date			4/22/2010	4/22/2010	04/23/10	04/23/10	04/23/10	04/23/10	4/27/2010	4/27/2010
Chemical Name										
Total Metals (mg/kg)										
Arsenic	7440-38-2	5.44	29.4	51.0	2.4	2.6	13.8	2.4	0.40 J	13.7
XRF Screening Result	-	-	NA	ND	18.8	ND	ND	169.4	ND	NA

Sample ID	CAS	NC Csoil	CL95-B14	CL95-B15	CL95-B16	CL95-B17	DUP-2	CL95-B18	CL95-B20	CL95-B21	CL95-B22
Depth (ft)					5.0	5.0	5.0	5.0		5.0	6.5
Sample Date			4/27/2010	4/27/2010	4/27/2010	4/27/2010		4/27/2010	5/6/2010	5/6/2010	5/12/2010
Chemical Name											
Total Metals (mg/kg)											
Arsenic	7440-38-2	5.44	7.4	19.5	2.2	12.3	15.9	54.0	10.3	0.62 J	0.55 J
XRF Screening Result	-	-	NA	15	ND	NA	NA	NA	NA	NA	NA

Notes:
 Shaded cell indicates the reported concentration exceeds the screening criteria.
 J - Analyte Present. Reported Result may not be accurate or precise.
 NA - Not Analyzed.
 ND - Analyzed, but not detected.

TABLE 3
Disposal Load Summary Sheet
Site 95 Magnolia Road
MCB CamLej, North Carolina

Date	Ticket Number	Load	Total Truck	Soil (lbs)	Soil (Tons)
4/20/2010	14736	1	15	22,920	11.46
4/20/2010	14731	2	30	21,380	10.69
4/20/2010	14741	3	45	36,160	18.08
4/20/2010	14768	4	60	37,280	18.64
4/20/2010	14773	5	75	37,680	18.84
4/20/2010	14781	6	90	40,680	20.34
4/20/2010	14796	7	105	37,580	18.79
4/20/2010	14800	8	120	37,740	18.87
4/20/2010	14803	9	135	32,200	16.10
4/21/2010	14824	10	150	41,860	20.93
4/21/2010	14832	11	165	42,600	21.30
4/21/2010	14838	12	180	40,860	20.43
4/21/2010	14854	13	195	38,240	19.12
4/21/2010	14859	14	210	33,720	16.86
4/21/2010	14867	15	225	30,260	15.13
4/21/2010	14888	16	240	31,340	15.67
4/21/2010	14895	17	255	36,060	18.03
4/21/2010	14919	18	270	31,300	15.65
4/21/2010	14925	19	285	36,160	18.08
4/22/2010	14944	20	300	37,780	18.89
4/22/2010	14974	21	315	37,840	18.92
4/22/2010	14983	22	330	43,920	21.96
4/22/2010	14989	23	345	32,040	16.02
4/22/2010	15003	24	360	38,000	19.00
4/22/2010	15011	25	375	39,100	19.55
4/22/2010	15017	26	390	38,620	19.31
4/22/2010	14954	27	405	34,520	17.26
4/22/2010	14997	28	420	34,600	17.30
4/22/2010	15035	29	435	33,820	16.91
4/22/2010	15045	30	450	34,120	17.06
4/22/2010	15053	31	465	35,680	17.84
4/23/2010	15085	32	480	29,420	14.71
4/23/2010	15090	33	495	34,900	17.45
4/23/2010	15125	34	510	35,600	17.80
4/23/2010	15128	35	525	35,380	17.69
4/23/2010	15143	36	540	34,260	17.13
4/23/2010	15150	37	555	35,480	17.74
4/26/2010	15172	38	570	32,780	16.39
4/26/2010	15183	39	585	33,280	16.64
4/26/2010	15213	40	600	42,460	21.23
4/26/2010	15219	41	615	39,900	19.95
4/26/2010	15234	42	630	32,880	16.44
4/26/2010	15241	43	645	41,320	20.66
4/26/2010	15276	44	660	49,860	24.93
4/27/2010	15364	45	675	42,440	21.22
4/27/2010	15386	46	690	39,040	19.52
4/27/2010	15412	47	705	42,840	21.42

TABLE 3
Disposal Load Summary Sheet
Site 95 Magnolia Road
MCB CamLej, North Carolina

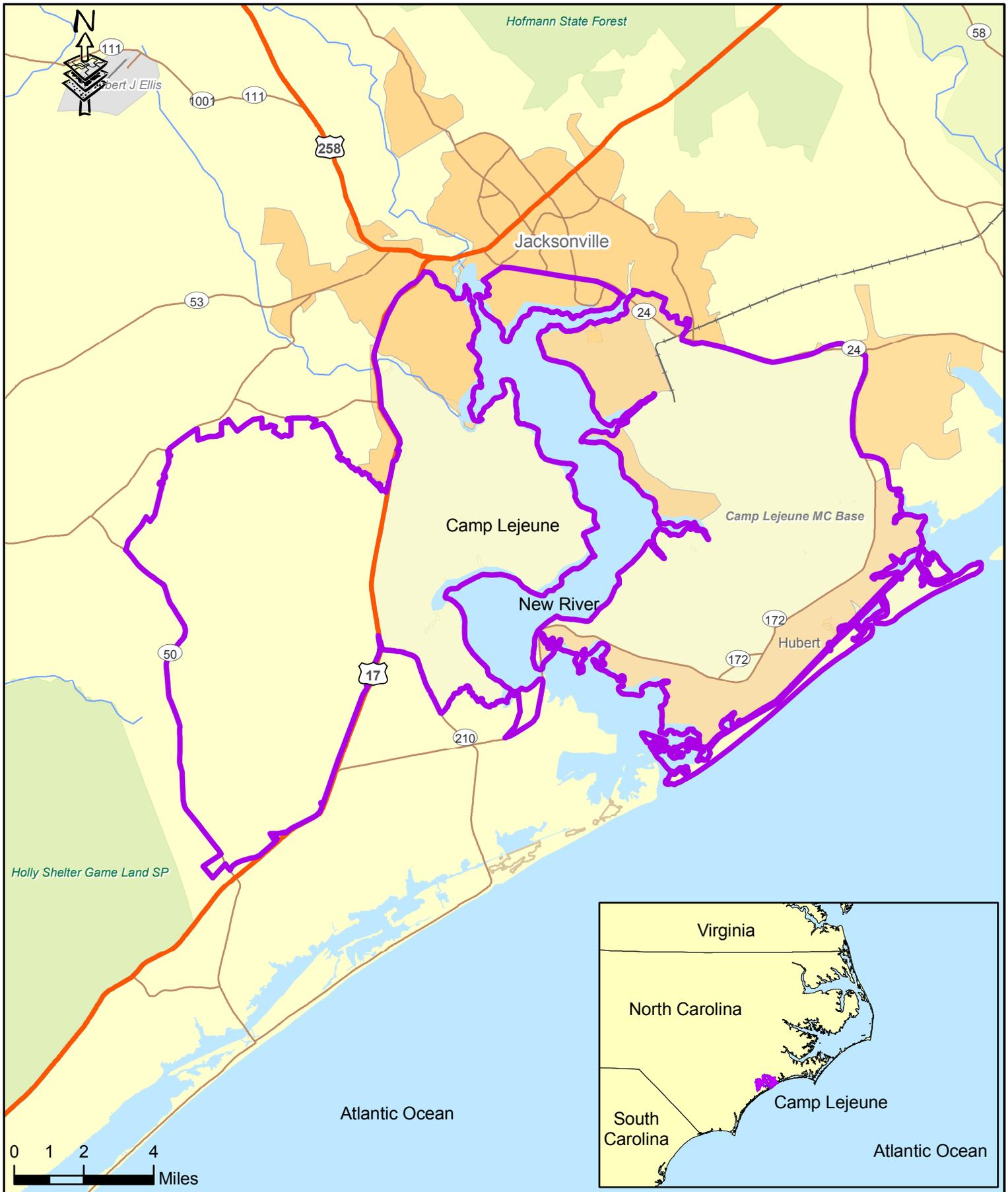
Date	Ticket Number	Load	Total Truck	Soil (lbs)	Soil (Tons)
4/28/2010	15466	48	720	31,620	15.81
4/28/2010	15552	49	735	37,840	18.92
5/5/2010	16164	50	750	34,200	17.10
5/5/2010	16135	51	765	29,240	14.62
5/5/2010	16188	52	780	34,500	17.25
5/5/2010	16183	53	795	35,740	17.87
5/5/2010	16159	54	810	37,840	18.92
5/5/2010	16128	55	825	33,020	16.51
5/6/2010	16241	56	840	34,820	17.41
5/6/2010	16284	57	855	33,680	16.84
5/6/2010	16201	58	870	28,640	14.32
5/6/2010	16292	59	885	40,620	20.31
5/6/2010	16228	60	900	37,900	18.95
5/6/2010	16264	61	915	37,400	18.70
5/6/2010	16298	62	930	40,800	20.40
5/6/2010	16310	63	945	40,240	20.12
5/6/2010	13317	64	960	38,520	19.26
5/12/2010	16714	65	975	45,280	22.64
5/12/2010	16743	66	990	44,140	22.07
5/12/2010	16677	67	1005	36,320	18.16
5/13/2010	16780	68	1020	48,820	24.41
Total				2,489,080	1244.54

TABLE 4
Cost Breakdown
Site 95 Magnolia Road
MCB CamLej, North Carolina

Engineering Support and Construction Oversight	\$ 45,000	30%
Well Abandonment	\$ 2,000	1%
Excavation/Backfilling/Site Restoration	\$ 60,000	39%
Additional Excavation Costs	\$ 40,000	26%
Laboratory Costs	\$ 5,000	3%
Total	\$ 152,000	100%

Tons of material excavated from Site 95 Magnolia Road	1,245
Total cost of project	\$152,000
Cost per ton of material removed	\$ 122

FIGURES



- Legend**
- Camp Lejeune Base Area
 - Highway
 - Major Road
 - Stream
 - Counties

Source: North Carolina Center for Geographic Information and Analysis, "Federal Land Ownership," Retrieved November 14, 2007, from NC One Map Web Site: <http://www.nconemap.com/Default.aspx?tabid=286>



File: NAVFAC/1409/390/Reports/R4

Figure 1
General Location Map
MCB CamLej, North Carolina



New River

Site 95 Magnolia Road

Hadnot Point

Site 95 Lyman Road

Site 95 Jaybird Road

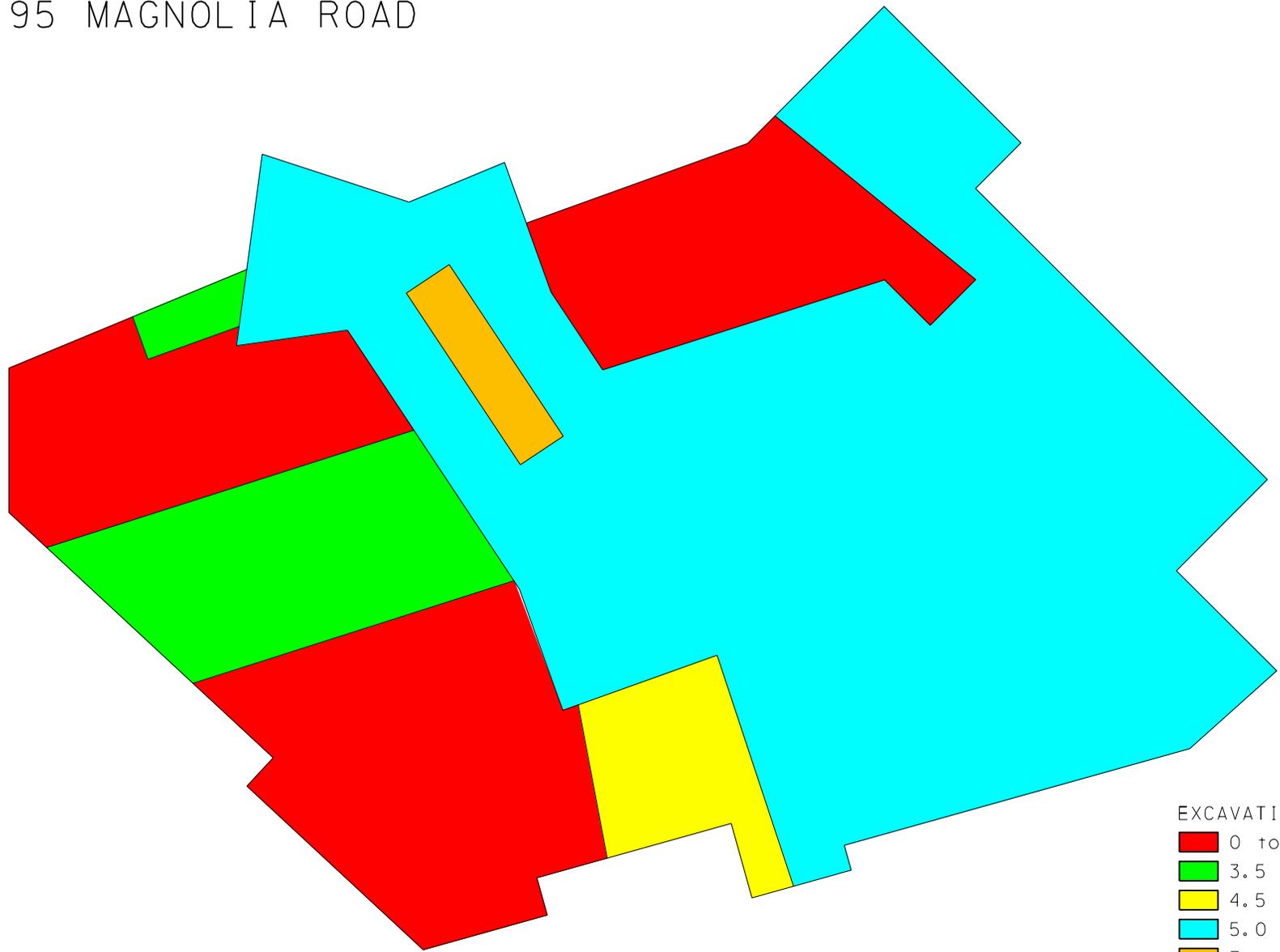
1,400' 0 1,400 Feet



Figure 2
Site Location Map
Site 95

MCB CamLej, North Carolina

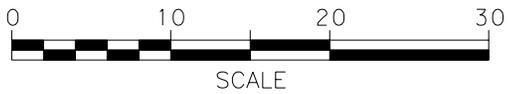
SITE 95 MAGNOLIA ROAD



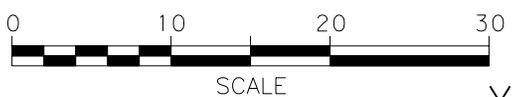
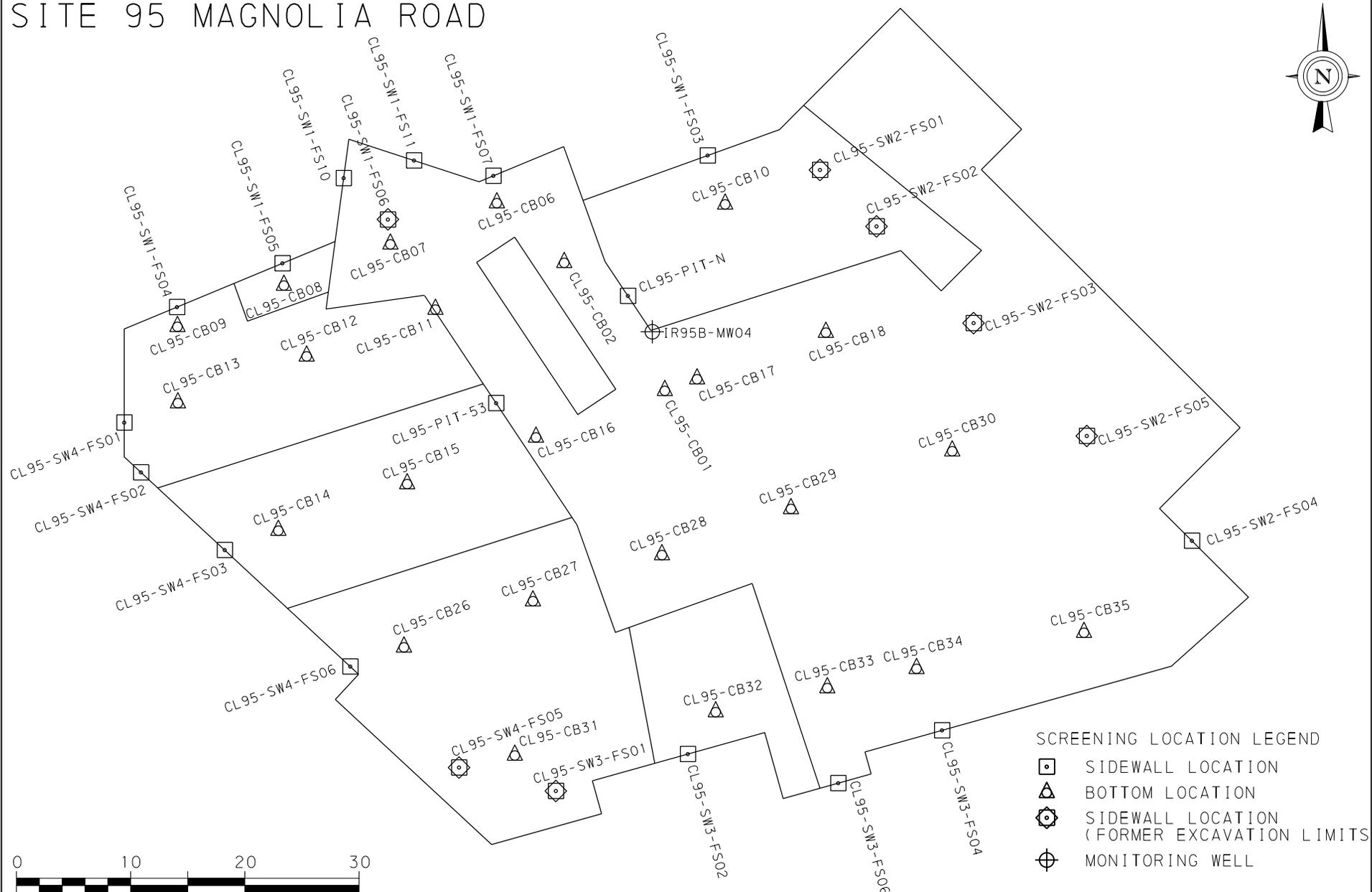
EXCAVATION DEPTH

	0 to 3.5
	3.5 to 4.5
	4.5 to 5.0
	5.0 to 7.0
	7 to 9

SITE 95 MAGNOLIA ROAD EXCAVATION
FIGURE 3



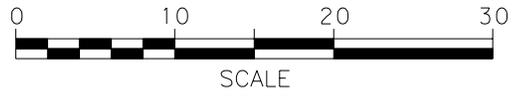
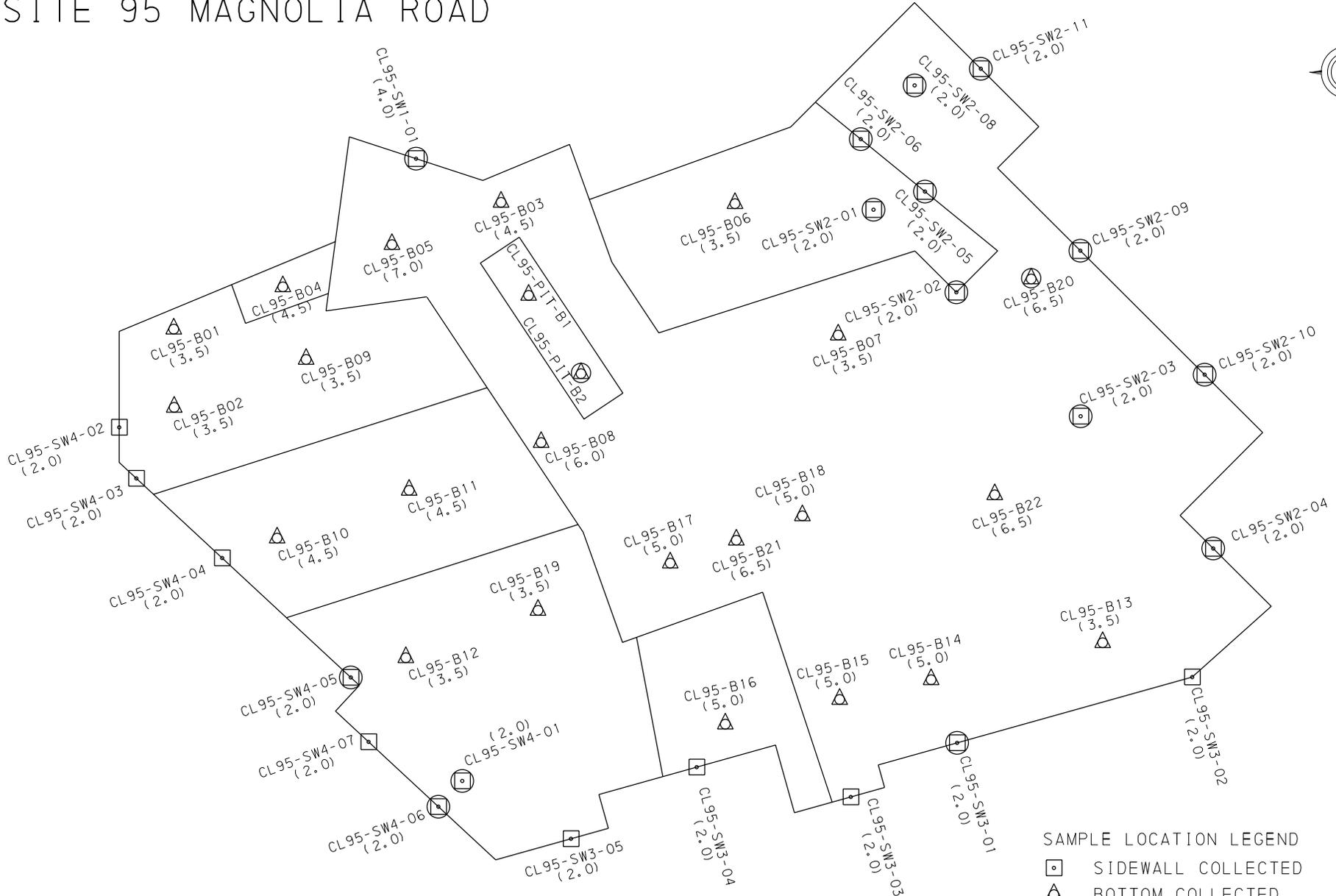
SITE 95 MAGNOLIA ROAD



- SCREENING LOCATION LEGEND
- SIDEWALL LOCATION
 - BOTTOM LOCATION
 - SIDEWALL LOCATION (FORMER EXCAVATION LIMITS)
 - MONITORING WELL

XRF FIELD SCREENING LOCATIONS
FIGURE 4

SITE 95 MAGNOLIA ROAD



SAMPLE LOCATION DIAGRAM
FIGURE 5

- SAMPLE LOCATION LEGEND
- ◻ SIDEWALL COLLECTED
 - △ BOTTOM COLLECTED
 - ◻○ SIDEWALL ANALYZED
 - △○ BOTTOM ANALYZED

ATTACHMENT A
PHOTOGRAPH LOG



Photograph #1: Site 95 Magnolia Road in April 2010.



Photograph #2: Monitoring well and dip vat at Site 95 Magnolia Road.



Photograph #3: Monitoring well removal activities at Site 95 Magnolia Road.



Photograph #4: Backfilling the well cavity with bentonite through a tremie pipe.



Photograph #5: Placement of mulch access drive adjacent to excavation.



Photograph #6: Vegetation and concrete removal activities.



Photograph #7: Root ball and concrete prior to power wash within excavation limits.



Photograph #8: Power washing of concrete and large tree root systems.



Photograph #9: Root ball after power wash and placed in adjacent area to improve ecological habitat.



Photograph #10: Excavation and direct load of arsenic impacted soil.



Photograph #11: Second vat encountered below the original dipping vat.



Photograph #12: Pit from second vat at approximately eight feet below grade.



Photograph #13: Excavation activities at Site 95 Magnolia Road.



Photograph #14: Additional excavation activities in north portion.



Photograph #15: Final excavation limits of west half.



Photograph #16: Final excavation limits of south portion.



Photograph #17: Final grade, site re-stabilization, and hydroseed applied to Site 95 Magnolia Road. (Photograph location similar to Photograph #13.)



Photograph #18: Site 95 Magnolia Road after removal action from unnamed road.

ATTACHMENT B

WELL ABANDONMENT RECORDS



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS 5000 Blue Clay Rd.
Castle Hayne NC 28429
City or Town State Zip Code

(910) 602-3900
Area code - Phone number

2. WELL INFORMATION:

SITE WELL ID # (if applicable) LYMANN RD. SITE
IR-95-MW-01

STATE WELL PERMIT # (if applicable) _____

COUNTY WELL PERMIT # (if applicable) _____

DWQ or OTHER PERMIT # (if applicable) _____

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) _____

3. WELL LOCATION:

COUNTY Onslow QUADRANGLE NAME _____

NEAREST TOWN: Jacksonville NC

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other

(Check appropriate setting)

LATITUDE 34 39 58.17 N May be in degrees, minutes, seconds, or in a decimal format

LONGITUDE 77 14 49.06 W

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID # (if applicable) _____

NAME OF FACILITY Mout

STREET ADDRESS Lymann Rd.

Camp Lejeune NC 28542
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Lowder EOB/EMD/ISE

STREET ADDRESS Bldg 12, Room 232

MCB, Camp Lejeune, NC 28542

5. WELL DETAILS:

a. Total Depth: 14' ft. Diameter: 2 in.

b. Water Level (Below Measuring Point): _____ ft.
Measuring point is 3.5 ft. above land surface.

6. CASING:

Length Diameter

a. Casing Depth (if known): 4' ft. _____ in.

b. Casing Removed: 4' ft. _____ in.

7. DISINFECTION: NA

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement

Cement 18.04 lb.
Water 1.4 gal.

Sand Cement

Cement _____ lb.
Water _____ gal.

Bentonite

Bentonite 0.752 lb.

Type: Slurry Pellets

Water _____ gal.

Other

Type material _____

Amount _____

9. EXPLAIN METHOD OF EMBLACEMENT OF MATERIAL:

Tremmie

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/29/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter 4/6/10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)

Paul Richter
PRINTED NAME OF PERSON ABANDONING THE WELL



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS 5000 Blue Clay Rd
Castle Hayne NC 28429
City or Town State Zip Code
(910) - 602-3900
Area code - Phone number

2. WELL INFORMATION:

SITE WELL ID # (if applicable) LYMAN RD SITE
IR-95-MW-02

STATE WELL PERMIT # (if applicable) -

COUNTY WELL PERMIT # (if applicable) -

DWQ or OTHER PERMIT # (if applicable) -

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) _____

3. WELL LOCATION:

COUNTY Onslow QUADRANGLE NAME _____
NEAREST TOWN: JACKSONVILLE NC

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other _____

(Check appropriate setting)

LATITUDE 34 39 58.38 N
LONGITUDE 77 14 49.18 W
May be in degrees, minutes, seconds, or in a decimal format

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b with owner information only.)

FACILITY ID #(if applicable) _____

NAME OF FACILITY MCCB

STREET ADDRESS LYMAN RD

Comp Lejeune NC 28542
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Lowder EOB/EMP/ISS

STREET ADDRESS Bldg 12 Room 232

MCCB, Comp Lejeune, NC 28542

5. WELL DETAILS:

a. Total Depth: 14 ft. Diameter: 2 in.

b. Water Level (Below Measuring Point): _____ ft.
Measuring point is 3.5 ft. above land surface.

6. CASING:

a. Casing Depth (if known): 4' ft. 2 in.

b. Casing Removed: 4' ft. 2 in.

7. DISINFECTION: NA

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement

Cement 18.04 lb.
Water 1.4 gal.

Sand Cement

Cement _____ lb.
Water _____ gal.

Bentonite

Bentonite 0.752 lb.

Type: Slurry Pellets

Water _____ gal.

Other

Type material _____

Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

Tremmie

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/29/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter 4/6/10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C.0113.)

Paul Richter
PRINTED NAME OF PERSON ABANDONING THE WELL



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS 5000 Blue Clay Rd.
Castle Hayne NC. 28429
City or Town State Zip Code

(910)-602-3900
Area code - Phone number

2. WELL INFORMATION:

SITE WELL ID # (if applicable) LR-95-MW-03

STATE WELL PERMIT # (if applicable) -

COUNTY WELL PERMIT # (if applicable) -

DWQ or OTHER PERMIT # (if applicable) -

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) _____

3. WELL LOCATION:

COUNTY Onslow QUADRANGLE NAME _____
NEAREST TOWN: Jacksonville NC.

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other _____

(Check appropriate setting)

LATITUDE 34 39 58.45 N
LONGITUDE 77 14 49.96 W
May be in degrees, minutes, seconds, or in a decimal format

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID #(if applicable) _____

NAME OF FACILITY MOUT

STREET ADDRESS Lynn Rd.

Camp Lejeune NC. 28542
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Lowder EA B/EMD/13/E

STREET ADDRESS Building 12, Room 232

MCB, Camp Lejeune, NC. 28542

5. WELL DETAILS:

a. Total Depth: 14 ft. Diameter: 2 in.

b. Water Level (Below Measuring Point): 37 ft.
Measuring point is 3.5 ft. above land surface.

6. CASING:

a. Casing Depth (if known): 4' ft. 2" in.

b. Casing Removed: 4' ft. _____ in.

7. DISINFECTION: NA

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement

Cement 18.04 lb.
Water 1.4 gal.

Sand Cement

Cement _____ lb.
Water _____ gal.

Bentonite

Bentonite 0.752 lb.

Type: Slurry Pellets

Water _____ gal.

Other

Type material _____

Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

Tremmie

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/29/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter 4/6/10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)

PRINTED NAME OF PERSON ABANDONING THE WELL

Paul Richter



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS 5000 Blue Clay Rd.
Castle Hayne NC. 28429
City or Town State Zip Code

(910) - 602-3900
Area code - Phone number

Magnolia Rd. site

2. WELL INFORMATION:

SITE WELL ID # (if applicable) IR-95-MR-MW-01

STATE WELL PERMIT # (if applicable) -

COUNTY WELL PERMIT # (if applicable) -

DWQ or OTHER PERMIT # (if applicable) -

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) _____

3. WELL LOCATION:

COUNTY ONSLOW QUADRANGLE NAME _____

NEAREST TOWN: JACKSONVILLE NC.

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other _____

(Check appropriate setting)

LATITUDE 34 39 52.85 N May be in degrees, minutes, seconds, or in a decimal format
LONGITUDE 77 23 56.34 W

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID #(if applicable) Maint

NAME OF FACILITY Magnolia Rd.

STREET ADDRESS Camp Lejeune, NC.

City or Town State Zip Code 28542

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Cowder EQB/EMD/IJE

STREET ADDRESS Bldg 12, Room 232

MCB, Camp Lejeune, NC. 28542

5. WELL DETAILS:

a. Total Depth: 14.5 ft. Diameter: 2 in.

b. Water Level (Below Measuring Point): _____ ft.
Measuring point is 3.5 ft. above land surface.

6. CASING:

a. Casing Depth (if known): 4' ft. 2 in.

b. Casing Removed: 4' ft. 2 in.

7. DISINFECTION: N/A

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement Sand Cement

Cement 18.96 lb. Cement _____ lb.
Water 1.47 gal. Water _____ gal.

Bentonite

Bentonite 0.78 lb.

Type: Slurry Pellets

Water _____ gal.

Other

Type material _____

Amount _____

9. EXPLAIN METHOD OF EMLACEMENT OF MATERIAL:

Tremmie

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/30/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter 4/6/10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C.0113.)

Paul Richter
PRINTED NAME OF PERSON ABANDONING THE WELL



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS 5000 Blue Clay Rd.

Castle Hayne NC 28429
City or Town State Zip Code

(910) 602-3900
Area code - Phone number

Magnolia Rd. site

2. WELL INFORMATION:

SITE WELL ID # (if applicable) IR-95-MR-MW-02

STATE WELL PERMIT # (if applicable) -

COUNTY WELL PERMIT # (if applicable) -

DWQ or OTHER PERMIT # (if applicable) -

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) _____

3. WELL LOCATION:

COUNTY Onslow QUADRANGLE NAME _____

NEAREST TOWN: Jacksonville NC.

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other _____

(Check appropriate setting)

LATITUDE 34 39 52.98 N
LONGITUDE 77 23 56.32 W
May be in degrees, minutes, seconds, or in a decimal format

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID #(if applicable) _____

NAME OF FACILITY MOUNT

STREET ADDRESS Magnolia Rd.

Camp Lejeune NC 28542
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Lowder EQB/EMO/IEE

STREET ADDRESS Bldg. 12 Room 232

MCB, Camp Lejeune, NC 28542

5. WELL DETAILS:

a. Total Depth: 14.5 ft. Diameter: 2 in.

b. Water Level (Below Measuring Point): _____ ft.
Measuring point is 3.5 ft. above land surface.

6. CASING:

a. Casing Depth (if known): 4' ft. 2 in.
b. Casing Removed: 4' ft. 2 in.

7. DISINFECTION: NA

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement **Sand Cement**
Cement _____ lb. Cement _____ lb.
Water _____ gal. Water _____ gal.

Bentonite
Bentonite 0.78 lb.
Type: Slurry Pellets
Water _____ gal.

Other
Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

Tremmie

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/30/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter 4/6/10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)

Paul Richter
PRINTED NAME OF PERSON ABANDONING THE WELL



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS 5000 Blue Clay Rd.

Castle Hayne NC. 28429
City or Town State Zip Code

(910)-602-3900
Area code - Phone number Magnolia Rd. site

2. WELL INFORMATION:

SITE WELL ID # (if applicable) IR-95-MR-MW-03

STATE WELL PERMIT # (if applicable) —

COUNTY WELL PERMIT # (if applicable) —

DWQ or OTHER PERMIT # (if applicable) —

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) _____

3. WELL LOCATION:

COUNTY Onslow QUADRANGLE NAME _____
NEAREST TOWN: Jacksonville NC.

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other _____

(Check appropriate setting)

LATITUDE 34 39 52.00 N
LONGITUDE 77 23 56.14 W
May be in degrees, minutes, seconds, or in a decimal format

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b well owner information only.)

FACILITY ID #(if applicable) _____

NAME OF FACILITY Mout

STREET ADDRESS Magnolia Rd.

Camp Lejeune NC. 28542
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Lowder EQB/EMD/1212

STREET ADDRESS Bldg. 12 Room 232

MCC Camp Lejeune, NC. 28542

5. WELL DETAILS:

a. Total Depth: 14 ft. Diameter: 2 in.

b. Water Level (Below Measuring Point): _____ ft.
Measuring point is 3.5 ft. above land surface.

6. CASING:

a. Casing Depth (if known): 4' ft. 2 in.

b. Casing Removed: 4' ft. 2 in.

7. DISINFECTION: N/A

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement Sand Cement

Cement 18.04 lb. Cement _____ lb.
Water 1.4 gal. Water _____ gal.

Bentonite

Bentonite 0.752 lb.

Type: Slurry Pellets

Water _____ gal.

Other

Type material _____

Amount _____

9. EXPLAIN METHOD OF EMBLACEMENT OF MATERIAL:

Tremie

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/30/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter 4/6/10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C.0113.)

Paul Richter
PRINTED NAME OF PERSON ABANDONING THE WELL



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS Saw Blue Clay Rd.
Castle Hayne NC. 28429
City or Town State Zip Code
(910)-602-3900
Area code - Phone number

Jaybird Rd. site

2. WELL INFORMATION:

SITE WELL ID # (if applicable) IR-95-MW-04

STATE WELL PERMIT # (if applicable) —

COUNTY WELL PERMIT # (if applicable) —

DWQ or OTHER PERMIT # (if applicable) —

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) _____

3. WELL LOCATION:

COUNTY DNSlow QUADRANGLE NAME _____

NEAREST TOWN: Jacksonville NC.

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other _____

(Check appropriate setting)

LATITUDE 34°37' 54.15" N
LONGITUDE 77°18' 55.02" W

May be in degrees, minutes, seconds, or in a decimal format

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID #(if applicable) _____

NAME OF FACILITY MONT

STREET ADDRESS Jaybird Rd.

Camp Lejeune NC 28542
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Covader EQB/END/13E

STREET ADDRESS Bldg. 12, Room 232

MCB, Camp Lejeune, NC. 28542

5. WELL DETAILS:

a. Total Depth: 14' ft. Diameter: 2 in.

b. Water Level (Below Measuring Point): _____ ft.

Measuring point is 3.5 ft. above land surface.

6. CASING:

Length Diameter

a. Casing Depth (if known): 4' ft. 2 in.

b. Casing Removed: 4' ft. 2 in.

7. DISINFECTION: NA

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement

Sand Cement

Cement 18.04 lb.

Cement _____ lb.

Water 1.4 gal.

Water _____ gal.

Bentonite

Bentonite 0.752 lb.

Type: Slurry Pellets

Water _____ gal.

Other

Type material _____

Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

Tremmie

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/30/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter
SIGNATURE OF CERTIFIED WELL CONTRACTOR

4/6/10
DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)

Paul Richter
PRINTED NAME OF PERSON ABANDONING THE WELL



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS 5000 Blue Clay Rd.
Castle Hayne NC 28429
City or Town State Zip Code
(910) 602-3900
Area code - Phone number
Jaybird Rd. site

2. WELL INFORMATION:

SITE WELL ID # (if applicable) FR-95-MW-05

STATE WELL PERMIT # (if applicable) -

COUNTY WELL PERMIT # (if applicable) -

DWQ or OTHER PERMIT # (if applicable) -

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) _____

3. WELL LOCATION:

COUNTY CUNSLAW QUADRANGLE NAME _____

NEAREST TOWN: JACKSONVILLE NC.

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other _____

(Check appropriate setting)

LATITUDE 34°37' 54.02" N May be in degrees, minutes, seconds, or in a decimal format

LONGITUDE 77°18' 55.14" W

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID # (if applicable) _____

NAME OF FACILITY Mout

STREET ADDRESS Jaybird Rd.

Camp Lejeune, NC 28542

City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Cavender EQB/EMD/IEIS

STREET ADDRESS Bldg 12, Room 232

Camp Lejeune, NC 28542

5. WELL DETAILS:

a. Total Depth: 14' ft. Diameter: 2 in.

b. Water Level (Below Measuring Point): _____ ft.

Measuring point is 3.5 ft. above land surface.

6. CASING:

Length Diameter

a. Casing Depth (if known): 4' ft. 2 in.

b. Casing Removed: 4' ft. 2 in.

7. DISINFECTION: NA

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement

Sand Cement

Cement 18.4 lb.

Cement _____ lb.

Water 1.4 gal.

Water _____ gal.

Bentonite

Bentonite 0.752 lb.

Type: Slurry Pellets

Water _____ gal.

Other

Type material _____

Amount _____

9. EXPLAIN METHOD OF EMBLACEMENT OF MATERIAL:

Tremmie

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 3/30/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter 9/6/10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C.0113.)

Paul Richter
PRINTED NAME OF PERSON ABANDONING THE WELL



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # _____

1. WELL CONTRACTOR:

Paul Richter
Well Contractor (Individual) Name

CLARK Group
Well Contractor Company Name

STREET ADDRESS 5000 Blue Clay Rd.
Castle Hayne NC 28429
City or Town State Zip Code
(910) 602-3900
Area code - Phone number

Jaybird Rd site
FR-95-MW-06

2. WELL INFORMATION:

SITE WELL ID # (if applicable) _____

STATE WELL PERMIT # (if applicable) _____

COUNTY WELL PERMIT # (if applicable) _____

DWQ or OTHER PERMIT # (if applicable) _____

WELL USE (Check applicable use): Monitoring Residential
 Municipal/Public Industrial/Commercial Agricultural
 Recovery Injection Irrigation
 Other (list use) _____

3. WELL LOCATION:

COUNTY Onslow QUADRANGLE NAME _____
NEAREST TOWN: Jacksonville NC

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other _____
(Check appropriate setting)

LATITUDE 3437 53.87 N
LONGITUDE 7718 54.67 W
May be in degrees, minutes, seconds, or in a decimal format

Latitude/longitude source: GPS Topographic map
(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b.
(If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID #(if applicable) _____
NAME OF FACILITY MONT
STREET ADDRESS Jaybird Rd.
Camp Lejeune NC 28542
City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Robert Lowder SQB/EMO/IEE
STREET ADDRESS Bldg 12, Room 232
MCB Camp Lejeune, NC 28542

5. WELL DETAILS:

a. Total Depth: 14' ft. Diameter: 2 in.
b. Water Level (Below Measuring Point): _____ ft.
Measuring point is 3.5 ft. above land surface.

6. CASING:

Length Diameter
a. Casing Depth (if known): 4' ft. 2 in.
b. Casing Removed: 4' ft. 2 in.

7. DISINFECTION:

NA
(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement Sand Cement
Cement 18.04 lb. Cement _____ lb.
Water 1.4 gal. Water _____ gal.

Bentonite
Bentonite 0.752 lb.
Type: Slurry Pellets
Water _____ gal.

Other
Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

Tremmie

10. WELL DIAGRAM:

Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED

3/30/10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Paul Richter 4/6/10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)

Paul Richter
PRINTED NAME OF PERSON ABANDONING THE WELL

ATTACHMENT C

DISPOSAL WEIGHT TICKETS

G.J. ADAMS TRUCKING, INC.

WORK ORDER

INVOICE # 1276

25 COMPLEX RD.
PO BOX 250
ROCKY POINT, NC 28457

() TANDAM () TRIAXLE (S) QUAD
SUN MON TUES WED THURS FRI SAT

DATE 5/12/10

910-675-0106
FAX: 910-675-0176

DRIVER CO

TRUCK # A-30

HAULING FOR C.C.R.G

TICKET #	MATERIAL	QTY	FROM	TO	TIME IN	TIME OUT	TOTAL HRS	AMOUNT DUE	
16777	DIRT	18.16	WYOMING	CAMP LeJeune	8:00	9:30			
16714	"	22.64		LAND FILL					
16743	"	22.07							
								6.50	
			6.50 Hours @ \$65. = /hour						

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER: 0288

VEHICLE ID: A-30

DATE IN: 05/12/10 TIME IN: 13:43
DATE OUT: 05/12/10 TIME OUT: 13:43

TICKET #: 16743

GROSS: 71300 LBS 1
TARE: 27160 LBS (K)
NET LBS: 44140 LBS

QTY: MATERIAL:
22.07 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/20/10 TIME IN: 09:31
DATE OUT: 04/20/10 TIME OUT: 09:52

TICKET #: 14736

GROSS: 50200 LBS 1
TARE: 27280 LBS 1
NET LBS: 22920 LBS

QTY: MATERIAL: 11.46
11.46 5 - Dirt

NOTE:

A-50
①

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-30

DATE IN: 04/20/10 TIME IN: 09:51
DATE OUT: 04/20/10 TIME OUT: 09:57

TICKET #: 14741

GROSS: 63320 LBS 1
TARE: 27160 LBS 1
NET LBS: 36160 LBS

QTY: MATERIAL:
18.08 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/20/10 TIME IN: 09:39
DATE OUT: 04/20/10 TIME OUT: 09:39

TICKET #: 14731

GROSS: 48800 LBS 1
TARE: 27420 LBS (K)
NET LBS: 21380 LBS

QTY: MATERIAL:
10.69 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/20/10 TIME IN: 11:24
DATE OUT: 04/20/10 TIME OUT: 11:24

TICKET #: 14768

GROSS: 64560 LBS 1
TARE: 27280 LBS (K)
NET LBS: 37280 LBS

QTY: MATERIAL:
18.64 5 - Dirt

NOTE:

A-50

18.64

②

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/27/10 TIME IN: 11:27
DATE OUT: 04/27/10 TIME OUT: 11:27

TICKET #: 15364

GROSS: 69860 LBS 1
TARE: 27420 LBS (K)
NET LBS: 42440 LBS

QTY: MATERIAL:
21.22 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/27/10 TIME IN: 13:10
DATE OUT: 04/27/10 TIME OUT: 13:10

TICKET #: 15386

GROSS: 66460 LBS 1
TARE: 27420 LBS (K)
NET LBS: 39040 LBS

QTY: MATERIAL:
19.52 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/27/10 TIME IN: 14:41
DATE OUT: 04/27/10 TIME OUT: 14:41

TICKET #: 15412

GROSS: 70260 LBS 1
TARE: 27420 LBS (K)
NET LBS: 42840 LBS

QTY: MATERIAL:
21.42 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/28/10 TIME IN: 09:51
DATE OUT: 04/28/10 TIME OUT: 09:51

TICKET #: 15466

GROSS: 59040 LBS 1
TARE: 27420 LBS (K)
NET LBS: 31620 LBS

QTY: MATERIAL:
15.81 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0277

VEHICLE ID: A-36

DATE IN: 04/26/10 TIME IN: 11:03
DATE OUT: 04/26/10 TIME OUT: 11:09

TICKET #: 15219

GROSS: 66600 LBS 1
TARE: 26700 LBS 1
NET LBS: 39900 LBS

QTY: MATERIAL:
19.95 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/26/10 TIME IN: 12:31
DATE OUT: 04/26/10 TIME OUT: 12:31

TICKET #: 15234

GROSS: 60300 LBS 1
TARE: 27420 LBS (K)
NET LBS: 32880 LBS

QTY: MATERIAL:
16.44 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-36

DATE IN: 04/26/10 TIME IN: 12:58
DATE OUT: 04/26/10 TIME OUT: 12:58

TICKET #: 15241

GROSS: 68020 LBS 1
TARE: 26700 LBS (K)
NET LBS: 41320 LBS

QTY: MATERIAL:
20.66 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/26/10 TIME IN: 14:51
DATE OUT: 04/26/10 TIME OUT: 14:51

TICKET #: 15275

GROSS: 77280 LBS 1
TARE: 27420 LBS (K)
NET LBS: 49860 LBS

QTY: MATERIAL:
24.93 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:TEMP

VEHICLE ID: A-46

DATE IN: 04/23/10 TIME IN: 12:09
DATE OUT: 04/23/10 TIME OUT: 12:11

TICKET #: 15128

GROSS: 63620 LBS 1
TARE: 28240 LBS MAN WT
NET LBS: 35380 LBS

QTY: MATERIAL:
17.69 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/26/10 TIME IN: 09:00
DATE OUT: 04/26/10 TIME OUT: 09:00

TICKET #: 15172

GROSS: 60200 LBS 1
TARE: 27420 LBS (K)
NET LBS: 32780 LBS

QTY: MATERIAL:
16.39 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0277

VEHICLE ID: A-36

DATE IN: 04/26/10 TIME IN: 09:20
DATE OUT: 04/26/10 TIME OUT: 09:29

TICKET #: 15183

GROSS: 59980 LBS 1
TARE: 26700 LBS 1
NET LBS: 33280 LBS

QTY: MATERIAL:
16.64 5 - Dirt

NOTE:G.J. ADAMS

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/26/10 TIME IN: 10:44
DATE OUT: 04/26/10 TIME OUT: 10:44

TICKET #: 15213

GROSS: 69880 LBS 1
TARE: 27420 LBS (K)
NET LBS: 42460 LBS

QTY: MATERIAL:
21.23 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0279

VEHICLE ID: #2 *A-46*

DATE IN: 04/23/10 TIME IN: 09:55
DATE OUT: 04/23/10 TIME OUT: 09:55

TICKET #: 15090

GROSS: 63180 LBS 1 *63180*
TARE: ~~41000~~ LBS (K) *34980*
NET LBS: 22180 LBS *28280*

QTY: MATERIAL:
~~11.00~~ 5 - Dirt
17.458
NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-43

DATE IN: 04/23/10 TIME IN: 11:47
DATE OUT: 04/23/10 TIME OUT: 11:47

TICKET #: 15125

GROSS: 62320 LBS 1
TARE: 26720 LBS (K)
NET LBS: 35600 LBS

QTY: MATERIAL:
17.80 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-43

DATE IN: 04/23/10 TIME IN: 13:38
DATE OUT: 04/23/10 TIME OUT: 13:38

TICKET #: 15143

GROSS: 60980 LBS 1
TARE: 26720 LBS (K)
NET LBS: 34260 LBS

QTY: MATERIAL:
17.13 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:TEMP

VEHICLE ID: A-46

DATE IN: 04/23/10 TIME IN: 14:03
DATE OUT: 04/23/10 TIME OUT: 14:07

TICKET #: 15150

GROSS: 63680 LBS MAN WT
TARE: 28200 LBS 1
NET LBS: 35480 LBS

QTY: MATERIAL:
17.74 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/22/10 TIME IN: 13:54
DATE OUT: 04/22/10 TIME OUT: 13:54

TICKET #: 15035

GROSS: 61240 LBS 1
TARE: 27420 LBS (K)
NET LBS: 33820 LBS

QTY: MATERIAL:
16.91 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-43

DATE IN: 04/22/10 TIME IN: 14:32
DATE OUT: 04/22/10 TIME OUT: 14:32

TICKET #: 15045

GROSS: 60840 LBS 1
TARE: 26720 LBS (K)
NET LBS: 34120 LBS

QTY: MATERIAL:
17.06 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0204

VEHICLE ID: AB12

DATE IN: 04/22/10 TIME IN: 14:46
DATE OUT: 04/22/10 TIME OUT: 14:46

TICKET #: 15053

GROSS: 62840 LBS 1
TARE: 27160 LBS (K)
NET LBS: 35680 LBS

QTY: MATERIAL:
17.84 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-43

DATE IN: 04/23/10 TIME IN: 09:38
DATE OUT: 04/23/10 TIME OUT: 09:38

TICKET #: 15085

GROSS: 56140 LBS 1
TARE: 26720 LBS (K)
NET LBS: 29420 LBS

QTY: MATERIAL:
14.71 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0204

VEHICLE ID: AB12

DATE IN: 04/22/10 TIME IN: 12:28
DATE OUT: 04/22/10 TIME OUT: 12:28

TICKET #: 15011

GROSS: 66260 LBS 1
TARE: 27160 LBS (K)
NET LBS: 39100 LBS

QTY: MATERIAL:
19.55 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/22/10 TIME IN: 12:51
DATE OUT: 04/22/10 TIME OUT: 12:51

TICKET #: 15017

GROSS: 65900 LBS 1
TARE: 27280 LBS (K)
NET LBS: 38620 LBS

QTY: MATERIAL:
19.31 5 - Dirt

NOTE:

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CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/22/10 TIME IN: 09:36
DATE OUT: 04/22/10 TIME OUT: 09:36

TICKET #: 14954

GROSS: 61940 LBS 1
TARE: 27420 LBS (K)
NET LBS: 34520 LBS

QTY: MATERIAL:
17.26 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/22/10 TIME IN: 11:29
DATE OUT: 04/22/10 TIME OUT: 11:29

TICKET #: 14997

GROSS: 62020 LBS 1
TARE: 27420 LBS (K)
NET LBS: 34600 LBS

QTY: MATERIAL:
17.30 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-43

DATE IN: 04/22/10 TIME IN: 10:17
DATE OUT: 04/22/10 TIME OUT: 10:17

TICKET #: 14974

GROSS: 64560 LBS 1
TARE: 26720 LBS (K)
NET LBS: 37840 LBS

QTY: MATERIAL:
18.92 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/22/10 TIME IN: 11:07
DATE OUT: 04/22/10 TIME OUT: 11:07

TICKET #: 14989

GROSS: 59320 LBS 1
TARE: 27280 LBS (K)
NET LBS: 32040 LBS

QTY: MATERIAL:
16.02 5 - Dirt

NOTE:

(2)

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0204

VEHICLE ID: AB12

DATE IN: 04/22/10 TIME IN: 10:47
DATE OUT: 04/22/10 TIME OUT: 10:47

TICKET #: 14983

GROSS: 71080 LBS 1
TARE: 27160 LBS (K)
NET LBS: 43920 LBS

QTY: MATERIAL:
21.96 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0223

VEHICLE ID: ~~A-43~~ A-43

DATE IN: 04/22/10 TIME IN: 11:59
DATE OUT: 04/22/10 TIME OUT: 11:59

TICKET #: 15003

GROSS: ~~64720~~ 64720 LBS 1
TARE: ~~2840~~ 26720 LBS (K)
NET LBS: 56880 LBS 38000

QTY: MATERIAL:
~~28.44~~ 8 - ~~Asbestos~~

NOTE:
A.O

DIRT

2/2/10

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/21/10 TIME IN: 13:18
DATE OUT: 04/21/10 TIME OUT: 13:18

TICKET #: 14895

GROSS: 63340 LBS 1
TARE: 27280 LBS (K)
NET LBS: 36060 LBS

QTY: MATERIAL:
18.03 5 - Dirt

NOTE:

18.03

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/21/10 TIME IN: 14:31
DATE OUT: 04/21/10 TIME OUT: 14:31

TICKET #: 14919

GROSS: 58720 LBS 1
TARE: 27420 LBS (K)
NET LBS: 31300 LBS

QTY: MATERIAL:
15.65 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-43

DATE IN: 04/21/10 TIME IN: 14:49
DATE OUT: 04/21/10 TIME OUT: 14:49

TICKET #: 14925

GROSS: 62880 LBS 1
TARE: 26720 LBS (K)
NET LBS: 36160 LBS

QTY: MATERIAL:
18.08 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/22/10 TIME IN: 09:02
DATE OUT: 04/22/10 TIME OUT: 09:02

TICKET #: 14944

GROSS: 65060 LBS 1
TARE: 27280 LBS (K)
NET LBS: 37780 LBS

QTY: MATERIAL:
18.89 5 - Dirt

NOTE:

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CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

2

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/21/10 TIME IN: 10:37
DATE OUT: 04/21/10 TIME OUT: 10:37

TICKET #: 14854

GROSS: 65520 LBS 1
TARE: 27280 LBS (K)
NET LBS: 38240 LBS

QTY: MATERIAL:
19.12 5 - Dirt

19.12

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/21/10 TIME IN: 10:51
DATE OUT: 04/21/10 TIME OUT: 10:51

TICKET #: 14859

GROSS: 61140 LBS 1
TARE: 27420 LBS (K)
NET LBS: 33720 LBS

QTY: MATERIAL:
16.86 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-43

DATE IN: 04/21/10 TIME IN: 11:17
DATE OUT: 04/21/10 TIME OUT: 11:17

TICKET #: 14867

GROSS: 56980 LBS 1
TARE: 26720 LBS (K)
NET LBS: 30260 LBS

QTY: MATERIAL:
15.13 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:TEMP

VEHICLE ID: A-31

DATE IN: 04/21/10 TIME IN: 12:36
DATE OUT: 04/21/10 TIME OUT: 12:43

TICKET #: 14898

GROSS: 58840 LBS 1
TARE: 27500 LBS 1
NET LBS: 31340 LBS

QTY: MATERIAL:
15.67 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-30

DATE IN: 04/20/10 TIME IN: 14:11
DATE OUT: 04/20/10 TIME OUT: 14:11

TICKET #: 14803

GROSS: 59360 LBS 1
TARE: 27160 LBS (K)
NET LBS: 32200 LBS

QTY: MATERIAL:
16.10 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/21/10 TIME IN: 08:37
DATE OUT: 04/21/10 TIME OUT: 08:37

TICKET #: 14824

GROSS: 69140 LBS 1
TARE: 27280 LBS (K)
NET LBS: 41860 LBS

QTY: MATERIAL: 2093
20.93 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/21/10 TIME IN: 09:11
DATE OUT: 04/21/10 TIME OUT: 09:11

TICKET #: 14832

GROSS: 70020 LBS 1
TARE: 27420 LBS (K)
NET LBS: 42600 LBS

QTY: MATERIAL:
21.30 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-43

DATE IN: 04/21/10 TIME IN: 09:19
DATE OUT: 04/21/10 TIME OUT: 09:29

TICKET #: 14838

GROSS: 67580 LBS 1
TARE: 26720 LBS 1
NET LBS: 40860 LBS

QTY: MATERIAL:
20.43 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/20/10 TIME IN: 11:43
DATE OUT: 04/20/10 TIME OUT: 11:43

TICKET #: 14773

GROSS: 65100 LBS 1
TARE: 27420 LBS (K)
NET LBS: 37680 LBS

QTY: MATERIAL:
18.84 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 04/20/10 TIME IN: 13:41
DATE OUT: 04/20/10 TIME OUT: 13:41

TICKET #: 14796

GROSS: 64860 LBS 1
TARE: 27280 LBS (K)
NET LBS: 37580 LBS

QTY: MATERIAL:
18.79 5 - Dirt

NOTE:

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CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-30

DATE IN: 04/20/10 TIME IN: 12:00
DATE OUT: 04/20/10 TIME OUT: 12:00

TICKET #: 14781

GROSS: 67840 LBS 1
TARE: 27160 LBS (K)
NET LBS: 40680 LBS

QTY: MATERIAL:
20.34 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 04/20/10 TIME IN: 14:00
DATE OUT: 04/20/10 TIME OUT: 14:00

TICKET #: 14800

GROSS: 65160 LBS 1
TARE: 27420 LBS (K)
NET LBS: 37740 LBS

QTY: MATERIAL:
18.87 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

CAMP LEJEUNE LANDFILL
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910-451-2946

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

Weighed: Mark Thompson
CUSTOMER:0288

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

VEHICLE ID: A-34

VEHICLE ID: A-34

DATE IN: 05/05/10 TIME IN: 11:44
DATE OUT: 05/05/10 TIME OUT: 11:44

DATE IN: 05/05/10 TIME IN: 09:59
DATE OUT: 05/05/10 TIME OUT: 09:59

DATE IN: 05/05/10 TIME IN: 13:28
DATE OUT: 05/05/10 TIME OUT: 13:28

TICKET #: 16164

TICKET #: 16135

TICKET #: 16188

GROSS: 61620 LBS 1
TARE: 27420 LBS (K)
NET LBS: 34200 LBS

GROSS: 56660 LBS 1
TARE: 27420 LBS (K)
NET LBS: 29240 LBS

GROSS: 61920 LBS 1
TARE: 27420 LBS (K)
NET LBS: 34500 LBS

QTY: MATERIAL:
17.10 5 - Dirt

QTY: MATERIAL:
14.62 5 - Dirt

QTY: MATERIAL:
17.25 5 - Dirt

NOTE:

NOTE:

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

Weighed: Mark Thompson
CUSTOMER:0288

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

VEHICLE ID: A-50

VEHICLE ID: A-50

DATE IN: 05/05/10 TIME IN: 13:13
DATE OUT: 05/05/10 TIME OUT: 13:13

DATE IN: 05/05/10 TIME IN: 11:32
DATE OUT: 05/05/10 TIME OUT: 11:32

DATE IN: 05/05/10 TIME IN: 09:37
DATE OUT: 05/05/10 TIME OUT: 09:37

TICKET #: 16183

TICKET #: 16159

TICKET #: 16128

GROSS: 63020 LBS 1
TARE: 27280 LBS (K)
NET LBS: 35740 LBS

GROSS: 65120 LBS 1
TARE: 27280 LBS (K)
NET LBS: 37840 LBS

GROSS: 60300 LBS 1
TARE: 27280 LBS (K)
NET LBS: 33020 LBS

QTY: MATERIAL:
17.87 5 - Dirt

QTY: MATERIAL:
18.92 5 - Dirt

QTY: MATERIAL:
16.51 5 - Dirt

NOTE:

NOTE:

NOTE:

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CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 05/06/10 TIME IN: 09:44
DATE OUT: 05/06/10 TIME OUT: 09:44

TICKET #: 16241

GROSS: 62240 LBS 1
TARE: 27420 LBS (K)
NET LBS: 34820 LBS

QTY: MATERIAL:
17.41 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-34

DATE IN: 05/06/10 TIME IN: 11:20
DATE OUT: 05/06/10 TIME OUT: 11:20

TICKET #: 16284

GROSS: 61100 LBS 1
TARE: 27420 LBS (K)
NET LBS: 33680 LBS

QTY: MATERIAL:
16.84 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-50

DATE IN: 05/05/10 TIME IN: 14:34
DATE OUT: 05/05/10 TIME OUT: 14:34

TICKET #: 16201

GROSS: 55920 LBS 1
TARE: 27280 LBS (K)
NET LBS: 28640 LBS

QTY: MATERIAL:
14.32 5 - Dirt

NOTE:

4

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-36

DATE IN: 05/06/10 TIME IN: 12:17
DATE OUT: 05/06/10 TIME OUT: 12:17

TICKET #: 16292

GROSS: 67320 LBS 1
TARE: 26700 LBS (K)
NET LBS: 40620 LBS

QTY: MATERIAL:
20.31 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-36

DATE IN: 05/06/10 TIME IN: 09:01
DATE OUT: 05/06/10 TIME OUT: 09:01

TICKET #: 16228

GROSS: 64600 LBS 1
TARE: 26700 LBS (K)
NET LBS: 37900 LBS

QTY: MATERIAL:
18.95 5 - Dirt

NOTE:

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-36

DATE IN: 05/06/10 TIME IN: 10:38
DATE OUT: 05/06/10 TIME OUT: 10:38

TICKET #: 16264

GROSS: 64100 LBS 1
TARE: 26700 LBS (K)
NET LBS: 37400 LBS

QTY: MATERIAL:
18.70 5 - Dirt

NOTE:

Hourly Haul Record

G J AOAMS

- () Triaxle
- () Tractor-Trailer
- () Tandem
- (x) Quad

M T W **Ⓟ** F S Su

Date: 5 6 10

Truck # A34 Driver: Chal Chal Job # _____ Company: COASTAL CAROLINA RESOURCES

Tons	Material	From	To	Time In	Time Out	Total
		VCRON A	CL LANDFILL	830	300	
		CONTAMINATED	DIRT			
1741	16241		LD	910		
1684	16284			1053		
2040	16298			1235		
				2000		

Total Hours for the Day _____ *[Signature]*

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

CAMP LEJEUNE LANDFILL
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542
910-451-2946

Weighed: Mark Thompson
CUSTOMER:0288

Weighed: Mark Thompson
CUSTOMER:0288

Weighed: Mark Thompson
CUSTOMER:0288

VEHICLE ID: A-30

VEHICLE ID: A-30

VEHICLE ID: A-34

DATE IN: 05/12/10 TIME IN: 11:43
DATE OUT: 05/12/10 TIME OUT: 11:43

DATE IN: 05/12/10 TIME IN: 09:57
DATE OUT: 05/12/10 TIME OUT: 09:57

DATE IN: 05/06/10 TIME IN: 13:07
DATE OUT: 05/06/10 TIME OUT: 13:07

TICKET #: 16714

TICKET #: 16677

TICKET #: 16298

GROSS: 72440 LBS 1
TARE: 27160 LBS (K)
NET LBS: 45280 LBS

GROSS: 63480 LBS 1
TARE: 27160 LBS (K)
NET LBS: 36320 LBS

GROSS: 68220 LBS 1
TARE: 27420 LBS (K)
NET LBS: 40800 LBS

QTY: MATERIAL:
22.64 5 - Dirt

QTY: MATERIAL:
18.16 5 - Dirt

QTY: MATERIAL:
20.40 5 - Dirt

NOTE:

NOTE:

NOTE:

ATTACHMENT D

BACKFILL LOAD TICKETS

Su 937

Hourly Haul Record

- Triaxle
- Tractor-Trailer
- Tandem
- Quad

RT T W T F S Su

Date: S-17-10

Truck # A-48 Driver: Robert K. Smith Job # _____ Company: CCRB

Tons	Material	From	To	Time In	Time Out	Total
7:03	Fill	Elisha	Site 95			
8:15		Merbec Pit	MAGNOLIA RD			
9:26			ON 40085-08-D-1409			
10:40			RHEA			
11:47			PLZ Casandal			
12:57						
2:04						
3:10						
4:19						

[Signature]
22227

5:30

Total Hours for the Day _____

[Signature]

Hourly Haul Record

Sw 937

- () Triaxle
- () Tractor-Trailer
- () Tandem
- (M) Quad

(M) T W T F S Su

Date: 5-17-10

Truck # A-50 Driver: [Signature] Job # RHEP Company: COASTAL CAROLINA RESOURCE GROUP

Tons	Material	From	To	Time In	Time Out	Total
1111	F-SAND	MORTON P&T	SITE 95-MAGNOLIA RD	7:05	0	
1111	217276			8:19	0	
				9:29	0	
				10:38	0	
				11:49	5	
		9 holes		1:06	0	
				2:16	0	
				3:31	0	
				4:36	0	
					5:30	

Total Hours for the Day _____

[Signature]

Hourly Haul Record

sw 937

- Triaxle
- Tractor-Trailer
- Tandem
- Quad

T W T F S Su

Date: 5 12 10

Company: COASTAL CAROLINA RESOURCES

Truck # A34 Driver: Chad Clard Job # _____

Tons	Material	From	To	Time In	Time Out	Total
44	fill	MORTON P.I.	VENONA	700	600	
111		#217278				

Stanlan

Total Hours for the Day _____

sw 937

G.J. ADAMS TRUCKING, INC.
250 COMPLEX RD.
PO BOX 250
ROCKY POINT, NC 28457

910-675-0106
FAX: 910-675-0176

WORK ORDER

() TANDAM () TRIAXLE () QUAD
SUN MON TUES WED THURS FRI SAT

HAULING FOR COASTAL CAROLINA RESOURCE

INVOICE # 0365

DATE 5-17-2010
DRIVER Roy Hand
TRUCK # A-43

TICKET #	MATERIAL	QTY	FROM	TO	TIME IN	TIME OUT	TOTAL HRS	AMOUNT DUE
217284	Fill SAND	15Yds	MORTONS PIT	VERONA CAROLINA	1:00			
"	"	"	"	"	2:40			
"	"	"	"	"	4:00			
"	"	"	"	"	5:05		5:45	

John Dean

5W 937

24

G.J. ADAMS TRUCKING, INC.
250 COMPLEX RD.

PO BOX 250
ROCKY POINT, NC 28457

910-675-0106
FAX: 910-675-0176

WORK ORDER

INVOICE # 0058

() TANDAM () TRIAXLE (X) QUAD
SUN ~~MON~~ TUES WED THURS FRI SAT

DATE 5-17-10
DRIVER

HAULING FOR Coastal Carolina Resources

TRUCK # A99

TICKET #	MATERIAL	QTY	FROM	TO	TIME IN	TIME OUT	TOTAL HRS	AMOUNT DUE
217283	fill dirt	1575	Elizabeth Mobley 9,04	TLZ CARDINAL	1:00			
					Load Times			
					121			
					552			
					214			
					125			

[Handwritten Signature]

[Handwritten Initials]

sw 927

G.J. ADAMS TRUCKING, INC.
250 COMPLEX RD.

PO BOX 250
ROCKY POINT, NC 28457

910-675-0106
FAX: 910-675-0176

WORK ORDER

() TANDAM () TRIAXLE QUAD
SUN MON TUES WED THURS FRI SAT

HAULING FOR C.C.R. Co.

INVOICE # **0366**

DATE 5-18-2010
DRIVER ROY HAND
TRUCK # A-43

TICKET #	MATERIAL	QTY	FROM	TO	TIME IN	TIME OUT	TOTAL HRS	AMOUNT DUE
217288	Fill SAND	15 Yds	MORTON Trucking	TL2 CARDINAL, VERONIA	8:30			
"	"	"	"	"	9:45			
"	"	"	"	"	10:50			
"	"	"	"	"	12:05			
"	"	"	"	"	1:15			
							230	

~~Signature~~

54937

G.J. ADAMS TRUCKING, INC.
250 COMPLEX RD.

PO BOX 250
ROCKY POINT, NC 28457

910-675-0106
FAX: 910-675-0176

WORK ORDER

() TANDAM () TRIAXLE (X) QUAD
SUN MON TUES WED THURS FRI SAT

HAULING FOR COASTAL CAROLINA RESOURCES

INVOICE # **1318**

DATE 5-18-10
DRIVER [Signature]
TRUCK # A49

TICKET #	MATERIAL	QTY	FROM	TO	TIME IN	TIME OUT	TOTAL HRS	AMOUNT DUE
217287	fill dirt	15	Seeligah Molen PPI	TL2 CARDINAL	8:31			
					9:46			
					10:57			
					12:18			
					1:30			230

[Signature]