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CNC CHARLESTON
5090.3a

LETTER REGARDING U S NAVY REQUEST TO TRANSPORT NON-HAZARDOUS DRILL
CUTTINGS TO SOUTHEASTERN SOIL RECOVERY INC CNC CHARLESTON SC
9/24/1997
NAVFAC SOUTHERN



DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
P.O. BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON, S.C. 29419-9010

5090
Ser CSO/894
24 September 1997

South Carolina Department of Health
and Environmental Control
Bureau of Solid and Hazardous Waste Management
Attn: Mr. Harold Seabrook
2600 Bull Street
Columbia, SC 29201

RECEIVED
SEP 26 1997
SC DHEC - Bureau of
Land & Waste Management

SUBJECT: TRANSPORT OF NON-HAZARDOUS SOIL

Southern Division Naval Facilities Engineering Command, Caretaker Site Office, Charleston (Permit No. SC0170022560), requests approval to transport approximately nine tons of non-hazardous, well-drilling cuttings from investigative drilling activities on the Charleston Naval Complex to the Southeastern Soil Recovery (SSR) Facility in Charleston, SC where it will be thermally treated. The soil from each individual site has been sampled for the constituents of concern in accordance with the RCRA Facility Assessment. The analysis from each site was used to characterize the soil as non-hazardous. A composite sample of the soil batch was taken to provide the analysis needed for SSR to incinerate. A sample analysis of this soil batch is included for your review. Addresses and points of contact for the generator, disposal firm, and transporter are also enclosed.

Please refer to this letter, serial number CSO/894 in your reply. If you have any questions or require additional information, please call Todd Dailey at (803) 743-6777, extension 224. Your assistance is greatly appreciated.

Sincerely,

W. A. DRAWDY
Supervisory Environmental Engineer
By direction

Enclosures: 1. Analysis Results, Sample ID No. SPORT-0505-1
2. Addresses and Points of Contact

Copy to:
SOUTHNAVFACENGCOM (1877)
SPORTENVDETCHASN

9 Tons
± 6 yd³



GENERAL ENGINEERING LABORATORIES

Meeting today's needs with a vision for tomorrow.

Laboratory Certifications

STATE	GEL	EPI
FL	E87156/87294	E87472/8745
NC	233	
SC	10120	10582
TN	02934	02934

Client: Supervisor of Ship Building & Conversion
 SUPSHIP-Portsmouth Detachment-Env.
 1899 North Hobson Ave.
 North Charleston, South Carolina 29405-2106

Contact: Mr. Bill Hiers

Project Description: SUPSHIP-Portsmouth Detachment

cc: NPWC00197

Report Date: September 12, 1997

Page 1 of 2

Sample ID : SPORT0505-1
 Lab ID : 9709096-01
 Matrix : Soil
 Date Collected : 09/04/97
 Date Received : 09/04/97
 Priority : Routine
 Collector : Client

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	M
Metals Analysis											
Mercury		0.456	0.0159	0.200	mg/kg	1.0	RMJ	09/08/97	1007	107456	N
Silver		15100	40.0	944	ug/kg	2.0	NRM	09/05/97	1244	107446	1
Arsenic		1100	260	944	ug/kg	2.0					
Barium		29500	23.3	944	ug/kg	2.0					
Beryllium	J	132	12.7	472	ug/kg	2.0					
Cadmium		556	19.7	472	ug/kg	2.0					
Chromium		29900	58.6	944	ug/kg	2.0					
Nickel		9660	94.0	944	ug/kg	2.0					
Lead		75900	129	472	ug/kg	2.0					
Antimony	J	563	174	944	ug/kg	2.0					
Selenium	J	327	215	472	ug/kg	2.0					
General Chemistry											
Total Rec. Petro. Hydrocarbons		430	10.0	50.0	mg/kg	1.0	SJ	09/08/97	1200	107518	2
Extractable Organic Halides	J	10.9	4.32	13.4	mg/kg	1.0	SJ	09/11/97	1433	107718	3

The following prep procedures were performed:

Mercury RMJ 09/05/97 1300 107456 4
 TRACE FGD 09/05/97 1400 107446 5

M = Method

Method-Description

M 1	EPA 6010A
M 2	EPA 9071A
M 3	GEL
M 4	EPA 7471
M 5	EPA 3050





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Sample ID : SPORT0505-1

M = Method

Method-Description

Notes:

The qualifiers in this report are defined as follows:

ND indicates that the analyte was not detected at a concentration greater than the detection limit.

J indicates presence of analyte at a concentration less than the reporting limit (RL) and greater than the detection limit (DL).

U indicates that the analyte was not detected at a concentration greater than the detection limit.

* indicates that a quality control analyte recovery is outside of specified acceptance criteria.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories standard operating procedures. Please direct any questions to your Project Manager, Karen Blakeney at (803) 769-7386.


Reviewed By

GENERATOR	DISPOSAL FIRM	TRANSPORTER
Southern Division Naval Facilities Engineering Command Caretaker Site Office Attn: William Drawdy P.O. Box 190010 North Charleston, SC 29419-9010 (803) 743-9985, extension 29	Southeastern Soil Recovery, Inc. Attn: Robert Williams P.O. Box 70523 Charleston, SC 29415 (803) 566-7065	Fennel Container Company P.O. Box 62679 N. Charleston, SC 29419-2679 Attn: Hampton Lee (803) 552-4751

NPI-11, 00197

General Engineering Laboratories, Inc.
 2040 Savage Road
 Charleston, South Carolina 29407
 P.O. Box 30712
 Charleston, South Carolina 29417
 (803) 556-8171

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CHAIN OF CUSTODY RECORD

9709096

Client Name/Facility Name				SAMPLE ANALYSIS REQUIRED (x) - use remarks area to specify specific compounds or methods														Remarks						
Collected by/Company				# OF CONTAINERS	pH, conductivity	TOC/DOC	TOX/EOX	Chloride, Fluoride, Sulfide	Nitrite/Nitrate	VOC - Specify Method required	SEE REMARKS METALS - specify	Pesticide	Herbicide	Total Phenol	Acid Extractables	B/N Extractables	PCB's		Cyanide	California - specify type	TPH			
SAMPLE ID	DATE	TIME	WELL SOIL COMP GRAB																					
SPORTS φ SφS-1	9/4/97	1100	X X	3			X			X														CCL 28790
																								BATH ^{W/2} BATCH # 21
																								METALS:
																								1) RERA METALS
																								2) ANTIMONY - ICP
																								3) BERYLLIUM - ICP
																								4) NICKEL - ICP
Relinquished by:		Date:	Time:	Received by:		Relinquished by:		Date:	Time:	Received by:														
W. R. Thiers, Jr.		9/4/97	1140	W. R. Thiers, Jr.		W. R. Thiers, Jr.		9/4/97	1500	D. ...														
Relinquished by:		Date:	Time:	Received by lab by:		Date:	Time:	Remarks:																
D. ...		9/4/97	1520	Karen Blakemey		9/4/97	1520																	

White = sample collector Yellow = file Pink = with report