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JEB FORT STORY, VA
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SITE SAFETY AND HEALTH PLAN (SSHP) FOR 80TH DIVISION RESERVE SITE LIGHTER
AMPHIBIOUS RESUPPLY CARGO (LARC) 60 AREA FORT STORY VA
5/4/1994
ENVIRONMENTAL RESTORATION COMPANY

SITE SAFETY AND HEALTH PLAN (SSHP)

Site Name: 80th Division LARC 60 Area, Bldg 1032
Location: Fort Story, Virginia
Plan Prepared By: Jeff Coron/Carla Shackelford Date: 5/4/94
Plan Reviewed By: Andrew Harrison Date: 5/4/94
Approved By: Andrew Harrison Title: Director of Operations

Affiliation: All persons preparing and reviewing this report are employees of Environmental Restoration Company

Version: [X] Original [] Revision dated:

Safety and Health Program Certification: This Safety and Health Program meets the requirements of OSHA standard 1910.120 and U.S. Army Corps of Engineers Safety and Health Requirements has been provided for your review.

Signature:
Title:
Date:

SITE DESCRIPTION AND CONTAMINATION CHARACTERIZATION:

SITE TYPE (Check as many as applicable):

- [X] Active [] Landfill [] Residential [] Recreational
[] Inactive [] Industrial [] Agriculture [] Natural Area
[] Secure [] Commercial [X] Military [] Unknown
[] Unsecured [] Other (Specify): Construction

SURROUNDING POPULATION:

- [] Residential [] Industrial [] Urban
[] Rural [X] Other (Specify): Military Base

DESCRIPTION OF ON-SITE ACTIVITIES:

- [] Preliminary Assessment (PA) [] Pre-Design
[] Site Inspection (SI) [] Remedial Design (D)
[] Remedial Investigation (RI) [X] Remedial Action (RA)
[] Feasibility Study (FS) [X] Other (Specify):

Installation of 6 groundwater monitoring wells, soil and groundwater sampling

PREVIOUS SAMPLING RESULTS/ANALYSES:

Petroleum hydrocarbons, lead, and other metals contamination is known to be present at the site. Fuel oils, gasoline, and solvents may be present from washing and maintaining craft.

HAZARD ASSESSMENT AND RISK ANALYSIS:

HAZARD EVALUATION: (check all that apply)

- | | | |
|---|---|--|
| <input type="checkbox"/> Heat Stress | <input type="checkbox"/> Cold Stress | <input checked="" type="checkbox"/> Noise |
| <input type="checkbox"/> Oxygen Deficiency | <input type="checkbox"/> Radiological | <input type="checkbox"/> Biological |
| <input checked="" type="checkbox"/> Organic Chemicals | <input type="checkbox"/> Inorganic Chemicals | <input type="checkbox"/> Excavation |
| <input type="checkbox"/> Explosion/Flammable | <input checked="" type="checkbox"/> Falling Objects | <input type="checkbox"/> Electrical |
| <input type="checkbox"/> Confined Spaces | <input type="checkbox"/> Dangerous Wildlife | <input checked="" type="checkbox"/> Other (Specify): |

Slip, trip, and fall

OVERALL HAZARD EVALUATION:

- High Medium Low Unknown

Description: Petroleum hydrocarbon, lead and other metals contamination is known to be present on the site.

Nature of Hazards:

Air: Organic compounds may volatilize during sampling and may be inhaled by investigating personnel.

Soil: Possible contact with skin may may lead to absorption and ingestion of contaminants.

Groundwater: Groundwater contact is expected during drilling and sampling events. Contact with skin may lead to absorption and ingestion.

Proper procedures/controls will minimize potential for exposure or ignition.

Source of Information: Montgomery Watson Site Assessment report provided by client.

Completeness of information: Partial - Preliminary soil contaminant data has been provided. This Site, Risk and Remediation Assessment will be performed to determine possible groundwater contamination and characterize the extent of the contamination.

Historical Readings/Results at the Site: Montgomery Watson preliminary soil study has been reviewed.

PROTECTIVE EQUIPMENT IDENTIFICATION (Specify by task; indicate type and/or material, as necessary):

LEVEL: A B C D MODIFIED

USE: PRIMARY CONTINGENCY

Respiratory Protection: Not Needed

- SCBA/ Airline respirator with egress
- APR
- Cartridge: _____
- Escape Mask _____
- Other: OVA or PID air monitoring equipment

Protective Clothing: Not Needed

- Encapsulating Suit _____
- Splash Suit _____
- Apron _____
- Tyvek-type Coveralls
- Saranex-type Coveralls:
- Other: Work Clothes

Head & Eye Protection: Not Needed

- Safety Glasses Face Shield Goggles
- Hard Hat Other:

Foot Protection: Not Needed

- Safety Shoes/Boots
- Chemical-Resistant Boots: _____
- Overboots: _____

Hand Protection: Not Needed

- Undergloves: Latex
- Gloves: Leather
- Overgloves: _____

Other (Specify below):

If OVA or PID measurements in the breathing zone exceed 5 ppm for more than 5 minutes, work will stop to allow vapors to dissipate.

SITE PERSONNEL AND RESPONSIBILITIES: (Names/Responsibilities)

Project Manager: Jeff Coron

Responsible for overseeing administrative items, coordinating with site supervisor and interfacing with contracting officer in regard to contract modifications, documentation, certifications, notifications and invoicing.

Site Supervisor: Jeff Coron

Responsible for coordination with the designated inspector and submitting daily reports, manifests and all other pertinent on site paperwork. The site supervisor will coordinate with all subcontractors for deliveries as well as services to be rendered. In the absence of supervisor the alternate will fulfill these functions.

Site Safety & Health Officer: Jeff Coron

Responsible for holding weekly job site safety meetings to which the construction inspector will be invited, and maintaining a safe work environment. The site safety and health officer will be on site at all times while work is being performed. In the absence of the safety officer the alternate will fulfill these functions. Also responsible for overseeing air monitoring.

TRAINING:

The Site Safety & Health officer has completed the training required by 29 CFR 1910.120 (e). Additionally, the Site Safety & Health Officer shall inform personnel before entering work zone of the contents of this SSHP and site-specific hazards and procedures. A copy of this SSHP will be kept on-site during work activities.

EMERGENCY TELEPHONE NUMBERS

The following telephone numbers will be posted near each telephone and on the job site bulletin board:

Ambulance	<i>off post</i> 911 or <i>on post</i> 422-7141
Fire	<i>off post</i> 911 <i>on post</i> 422-7681
Hospital	Virginia Beach General Hospital (804)481-8000 (information)
Police	911 422-7141
Poison Control	(804)489-5288
US Coast Guard	(804)484-4192

DIRECTIONS TO HOSPITAL: Exit Fort Story heading west on Shore Drive (Route 60). Proceed to Great Neck Road and turn left. Proceed to First Colonial Drive and turn left. Total travel time is 10 to 15 minutes.

EMERGENCY MAP

A map with detailed direction to the nearest medical facility is attached.

422-7793 17
7141
16 or 17 or 422-7141

N ROADS



23451

23459

23454

23454

23452

SEASHORE STATE PARK

SEASHORE STATE

BEACH HOSPITAL

CAPE HENRY

USA

HOSPITAL

BROAD BAY

BROAD BAY

LYNNHAVEN BAY

WIMLEDON ON THE BAY

GREEN HILL BY THE BAY

BRUCK COVE

FERRIS

NORTH ALANTON

ALANTON

LINKHORN

DERRY COVE

BAY CLIFF

GREAT NECK

WOLF SQUARE

SONNEN

BRITANNI ESTATES

LITTLE HAVEN

MIDDLE PLANTATION

LYNNHOLE ACRES

WOLF SQUARE MOUNTAIN

LAUREL

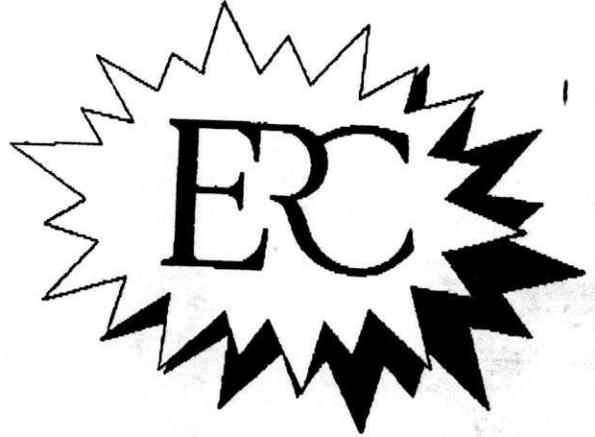
LAKESHORE

POINT O'

ENVIRONMENTAL RESTORATION COMPANY

9700 Ashley Dawn Court
Fredericksburg, VA 22408

(703) 898-5616
(703) 891-1084 - Fax



Date: MAY ¹⁰ 9 1994

TO: ENRD

FAX#: 804 888 0171

FROM: JEFF CORON

SUBJECT: SSHP - FT STORY

ATTN: DAN MUSEL

PLEASE REVIEW & CALL w/ COMMENTS.

I WILL WAIT TO HEAR FROM YOU BEFORE

I SEND THE HARD COPY

JEFF

* This Facsimile transmission contains 9 pages including this page. If there are any problems with this transmission, please contact us at the above numbers *

End of Cover Sheet