SITE HEALTH AND SAFETY PLAN

Site Name: Bldg. 498

Date: 1/19/99

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TVS

With the assistance of HASP

SITE SPECIFIC HEALTH AND SAFETY PLAN

I. HAZARD ASSESSMENT

A. LOCATION

Building Name: _____

Building Number: 498 Room Number: N/A

Road Name: Riverside Avenue

Nearest Cross Street: Oceanport Avenue

Other: _____

B. Hazard Identification

The following hazardous materials are present at the above identified location:

Contaminant	Physical Form	Hazard Presented
Aldrin	Solid	Skin/Eyes
Lindane	Solid	Skin/Eyes
Heptachlor	Solid	Skin/Eyes
Dieldrin	Solid	Skin/Eyes
4,4'-DDE	Solid	Skin/Eyes
4,4'-DDT	Solid	Skin/Eyes
Endrin Ketone	Solid	Skin/Eyes
alpha-Chlordane	Solid	Skin/Eyes
gamma-Chlordane	Solid	Skin/Eyes

Column 1: The contaminant's common trade name and/or the primary components

Column 2: The contaminant's chemical state (e.g., solid, liquid, gas)

Column 3: The hazards the contaminant presents to unprotected workers (e.g., inhalation, skin contact, irritant, etc.)

C. Task Identification

The following tasks will take place at the above identified location (check all that apply):

X Soil Excavation	__ Soil Transport
__ Drum/Container Overpacking	__ Absorbent Cleanup
X Soil Sampling	X Water Sampling
X Equipment Decontamination	__ Drum Handling/Staging
X Personnel Decontamination	__ Other:

II. TRAINING

All personnel assigned to this project shall be trained in accordance with the Hazardous Materials SOP.

III. PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment specified on the following page(s) (Task Specific Personal Protective Equipment) shall be utilized during the specified task.

IV. MEDICAL SURVEILLANCE REQUIREMENTS

All personnel assigned to this project shall be medically evaluated in accordance with the Hazardous Materials SOP.

V. AIR MONITORING

A. FREQUENCY

1. Initially - The air within the work zone shall be monitored at the time of initial entry to ensure the proper level of respiratory and personal protective equipment has been selected. The instruments specified below shall be utilized.

2. Periodically - Throughout the course of work the air should be reevaluated for contaminant concentration. At a minimum, each time a new task is started, the air will be reevaluated.

TASK SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

Task: Soil Sampling

Head Protection: X Hard Hat _ Bump Cap _ None

Foot Protection: X Steel Toe Safety Boot

X Chemical Resistant Boot

_ Washable Boot/Disposable Bootie

Hand Protection: _ Cut Resistant

X Chemical Resistant
X Neoprene _ Nitrile
_ Latex _ Other _____

_ Double Layer
_ None

Eye Protection: X Safety Glasses _ Goggles

_ Splash Shield _ None

Skin Protection: _ Apron X Tyvek

_ Polylaminated _ Saranex

Respiratory Protection: NONE

_ Air Purifying: _ Half Face _ Full Face _ PAPR

Cartridge Type: _ HEPA _ Organic _ Acid Gas

_ Combo ___Other _____

_ Supplied Air: _ Air Line _ SCBA

Task: Soil Removal

Head Protection: X Hard Hat _ Bump Cap _ None

Foot Protection: X Steel Toe Safety Boot

X Chemical Resistant Boot

_ Washable Boot/Disposable Bootie

Hand Protection: _ Cut Resistant

X Chemical Resistant
X Neoprene _ Nitrile
_ Latex _ Other _____

_ Double Layer

_ None

Eye Protection: X Safety Glasses _ Goggles

_ Splash Shield _ None

Skin Protection: _ Apron X Tyvek

_ Polylaminated _ Saranex

Respiratory Protection: NONE

__ Air Purifying: _ Half Face _ Full Face _ PAPR

Cartridge Type: _ HEPA _ Organic _ Acid Gas

_ Combo _____Other _____

__ Supplied Air: _ Air Line _ SCBA

B. SAMPLE TYPE

1. Personal - Where the contaminant is known and exposure in excess of the Permissible Exposure Limit (PEL) is anticipated, personal air sampling should be conducted. *No Exposure above the PEL is anticipated.*

2. Work Area - The work area shall be monitored for contaminant concentration in accordance with the frequency specified above.

3. Perimeter - Where migration of the contaminant out of the work zone is anticipated, perimeter monitoring should be conducted downwind of the work site.

C. MAINTENANCE

Maintenance of the monitoring equipment shall be in accordance with the manufacturers recommendations. All equipment shall be decontaminantd at the time of removal from the work zone.

D. CALIBRATIONS

All air surveillance equipment shall be calibrated prior to use and in accordance with the manufacturer's specifications. A log of these calibrations shall be maintained.

All air surveillance equipment shall be returned annually to a factory approved service center for servicing and calibration.

E. EQUIPMENT

The following equipment shall be made available and utilized during this response:

__ Flame Ionizing Detector (e.g., OVA)
_X_ Photo Ionizing Detector (e.g., HNu)
___ Combustible Gas Indicator w/O_2 and CO detection
___ Colorimetric Tubes (e.g. Draeger)
_X_ Personal Air Sampling Pumps
(with appropriate capture media)
___ Other _____

VI. SITE CONTROL MEASURES

Where possible use dust control measures to reduce exposure. The general public must be restricted access to the incident scene. Three zones shall be established as soon as practical. They shall be the work zone (i.e., "Hot" zone), a decontamination reduction zone and a support zone. The work zone shall established by the TVS HazMat Team if the first response team has not already done so. The decontamination reduction zone shall be utilized by all entering/exiting response personnel. The support zone shall be utilized for the staging of uncontaminantd materials, equipment and support activities including but not limited to communications, incident command operations, work breaks, recordkeeping activities, etc..

The zones shall be delineated in any manner that clearly defines the zone's boundaries. Materials such as caution tape, traffic cones, a snow fence, etc. may be utilized for zone delineation.

When and where possible, members of the Fort Monmouth Provost Office should be utilized for crowd and traffic control. If police officers are not available, Work Control shall be contact and the necessary support personnel requested.

VII. DECONTAMINATION PROCEDURES

The acting Health and Safety Officer shall designate the appropriate decontamination sequence for personnel and equipment exiting the work zone. At a minimum, it shall consist of a hand and face washing station. All decontamination solutions selected shall be consistent with the contaminant to be removed.

All waste water generated during the decontamination process shall be collected for proper disposal.

VIII. EMERGENCY RESPONSE

The immediate emergency would have been abated by the first responders (i.e., Fort Monmouth Fire Department) prior to TVS's response. Should an emergency arise during the clean up, the appropriate response team shall be activated by radioing to Bravo Base. Bravo Base will activate the 911 system. If a radio is not available,

DIAL 911

on a base phone

Have the exact location, nature of the emergency (e.g., fire, medical, etc.) and a call back number ready when calling.

IX. CONFINED SPACE ENTRY PROCEDURES

All personnel assigned to this project shall perform confined space entries in accordance with the Confined Space Entry Procedure. *No Confined Space Entry is anticipated.*

X. SPILL CONTAINMENT PROGRAM

All personnel assigned to this project shall carry out their assigned tasks in accordance with the Installation Spill Prevention Control and Countermeasures (SPCC) and the Installation Spill Contingency (ISCP) Plans.