



OUTBOARD MARINE CORPORATION

Received 6/5/92  
UDNR- SED  
P. Mylotta

100 Sea-Horse Drive  
Waukegan, Illinois 60085-2195  
Phone 708/689-6200

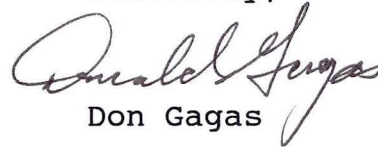
Pam Mylotta  
Department of Natural Resources  
2300 N. Martin Luther King Jr. Dr.  
Box 12436  
Milwaukee, Wis. 53212

June 2, 1992

Dear Pam,

Per our conversation on June 1, 1992 I have attached a copy of the ECOLAB Work Plan for your approval and comments. If you have any questions regarding this work plan I can be reached at 708/689-5228.

Sincerely,

  
Don Gagás

Left message w/  
Don on 6/1/92  
① Didn't specify #  
or place for samples  
② Didn't specify  
analytical method

## **1.0 SCOPE OF WORK ECOLAB REMEDIATION PROJECT**

### **1.1 INTRODUCTION**

ECOLAB PRP Committee proposes to supply the necessary materials and supervision to remove and dispose of approximately 16 cubic yards of PCB (Decachlorobiphenyl) contaminated soil, located at the Cermatics (old ECOLAB site) facility on 10014 North Wausaukee Road, Mequon, Wi. 53092. The tasks involved in the completion of this project would involve the following:

- 1.1.1 Notification and scope of work approval.
- 1.1.2 Soil excavation, removal, and disposal.
- 1.1.3 Soil sampling.
- 1.1.4 Documentation.
- 1.1.5 Reporting.

The general remediation contractor for excavation, removal, and disposal of the contaminated soil will be performed by:

Plennes General Contractors  
1126 East Holt Avenue  
Milwaukee, Wis. 53207

The documentation and reporting will be performed by Don Gagag, of OMC. The general contractor will have a site health and safety plan for all activities onsite during the remediation.

#### **1.1.1 Notification**

The PRP committee will notify the local DNR authorized agent and state DNR in writing 30 days prior to commencement of the remedial activities.

The PRP committee will be responsible for completing the soil sampling, documentation, and reporting. The general contractor will identify any local ordinances governing remediation and disposal.

### **1.1.2 Excavation and Removal**

1. Prior to excavation:
  - a. All utilities and obstructions will be located and visibly marked.
  - b. All access will be restricted and roped off.
  - c. Sources of ignition will be eliminated.
  - d. A layer of gravel will be placed along two sides of the excavation area.
2. The soil will be excavated and placed into an approved DOT container for shipment.
3. The excavation area will be visually inspected for signs of contamination.
4. Photo documentation of the excavation, removal, and condition of the soil will be taken.

### **Soil disposal**

1. The soil will be transported and disposed of by:  
Chemical Waste Management  
W124 N9451 Boundary Road  
Menomonee Falls, WI. 53051
2. Chemical Waste Management will be responsible for the permitting, manifesting, transportation, and disposal at their Emelle, ALA. site.

### **Backfilling**

Once the soil analysis results have been obtained and no evidence that contamination is present, clean soil may be used to backfill the area.

### 1.1.3 Soil Sampling

1. Obtain a statement of qualifications of the person collecting the samples.
2. Collect soil samples from following locations:
  - a. Collect soil samples from native soil, not backfill.
3. Collect soil samples as follows:
  - a. Collect soil samples with as little disturbance and exposure to air as possible.
  - b. Use trowel or hand auger to sample soil directly from the excavation area.
  - c. Sample soil from backhoe bucket in hazardous conditions.
  - d. Clean tools thoroughly between all sampling points. The decontamination procedures will be, soap water wash, clean water rinse, solvent (ie. hexane) dry.
  - e. Collect samples from unexposed areas by first scraping away 3-4 inches of soil.
4. Sample containers:
  - a. Must be of glass or inert material.
  - b. Have teflon or equivalent lined cap.
  - c. Should be wide-mouth to prevent soil agitation.
  - d. Must be filled to the brim with soil.
5. Sample handling:
  - a. Label samples prior to, or immediately after, collection.
  - b. Samples should have I.D. number and date.
  - c. Seal samples immediately following collection.
  - d. Chill samples immediately.
  - e. Follow chain-of-custody procedures.
  - f. Ship to lab as soon as possible.
  - g. Analyze samples using DNR approved methods.

#### 1.1.4 Documentation Requirements

1. Provide Site Background Information in Narrative Form:
  - a. Site owner and address.
  - b. Excavation contractor.
  - c. Description of past and present property use.
  - d. Results of any previous geotechnical investigations.
  - e. Legal description of the site (quarter/quarter section township range).
  - o. Other relevant data.
2. Site Map Showing:
  - a. Show location of site on map relative to nearby towns, streets, or major highways.
3. Site Layout Showing the Location of:
  - a. Utilities.
  - b. Buildings.
  - c. Field instrument sampling points (if any).
  - d. Lab analysis sampling points.
  - e. Areal extent of excavation and depth below original grade.
  - f. Map scale (1" = 10').
  - g. North arrow.
  - h. Title.
  - i. Name of map maker.
4. Tabulated Field and Lab Data Showing:
  - a. Lab results for each sample and field readings where applicable.
  - b. Location of each sample or field reading keyed to site layout.
  - c. Depth at which sample(s) was/were taken.
  - d. Relative moisture content of sample.
5. Provide Copies of:
  - a. Laboratory analysis.
  - b. Chain-of-custody forms.
6. Observations:
  - a. Soil type, USCS classification.
  - b. Excavation depth.

7. Describe Soil Sampling Procedures/Techniques Including:
  - a. Sample collection.
  - b. Tool cleaning method.
  - c. Sample preservation method.
  
8. Photographs Can be Either:
  - a. Color prints.
  - b. Color reprints.
  - c. Color photocopies.
  
9. Contaminated Soil Disposal:
  - a. Name and address of firm transporting and disposing of the soil.
  - b. Method of disposal.
  - c. Method of transportation.
  - d. Quantity of soil.
  - e. Waste characterization data.
  - f. Copies of Hazardous Waste Manifests and EPA generator I.D. number.
  - g. Final disposition of the soil.

#### 1.1.5 REPORTING

1. Send assessment copy to:
  - a. DNR  
P.O.Box  
Madison Wis. 53707
  
  - b. Pam Mylotta  
DNR  
Martin Luther King Jr. Dr.  
Milwaukee, Wis. 53