

## RAPID RESPONSE WEEKLY REPORT

**Project Name -** Poleline Road Disposal Area

**Week ending -** 8-20-94

**Project Location -** Fort Richardson, Alaska

**Report No. -** 005

**Prepared by -** OHM Remediation Services Inc.

**Reporting Period** 8-15-94 thru 8-20-94

**Percent Field Work Completed -** \*\* 41 %

**Percent Project Completed -** 40 %

\*\* The percent field work completed has not changed since last week due to the slow progress in zone 7, as well as the fact that we are beginning to get soil samples results back from the bottom of the excavation which indicate the potential need to remove additional soils contaminated with organics.

### Summary of Work Completed On Site -

1. Monday and Tuesday this week were spent moving the decontamination facility including the decon tent, decon trailer, as well as the break trailer. The new contamination control zones are illustrated in the attached hand drawing.
2. Also on Monday and Tuesday Del Norte Survey completed an initial survey of the excavation area in anticipation of future backfill. From their survey a contour map will be formulated which will be provided in the final report to demonstrate the horizontal and vertical limits of the excavation.
3. The remainder of the week has been spent excavating in zone 7.

### Items found in Zone 7 include:

- a. On Wednesday 17th, 9 full or partially full small amber bottles were located which were labeled "HD- Toxic Gas Set M-1". None of the bottles appeared to have leaked into the soil, however, when one of them was placed into a ziplok bag it began to leak inside the bag. The minicam result from inside the bag was positive. During the period while the bottles were being excavated, the minicam reading went to .25 of the TWA for Mustard. Also from the same area 5 empty unmarked clear bottles, one larger 24 oz. amber bottle, 2 artillery round fuses, and a pair of soldier's OG pants were found in the excavation. The pants revealed low level positive contamination with Mustard as evidenced by placing the pants in a bag and testing them with the Minicam. Technical Escort packaged all the bottles and the pants in storage "pigs", and EOD was summoned to the site and detonated the fuses at the detonation area.

- b. On Thursday the 18th, a white phosphorous smoke grenade was found with pin and lever intact. OHM's UXO techs placed the grenade in a cardboard tube to preclude the lever from releasing and EOD was summoned to the site. The grenade was detonated at the detonation area.

Also from the same area we have begun to find hundreds of small medical septums which contain 1) aureomycin which is the same as chlortetracycline which is a common antibiotic, 2) rabies serum, and 3) gangrene serum.

Other located items included a one gallon size HC smoke pot and large amounts of wood from crates with markings indicating the crates at one time contained 16 WP Smoke Grenades.

c. On Friday the 19th, an additional 300-400 of the medical vials were found, and a small HC White Smoke Grenade was found and set aside for later EOD disposition.

d. Saturday the 20th was the day which we entered the area of the pig find last year. By lunch time we had located 3 pigs, 2 of which were verified to have some contents by EOD's portable X-ray unit. The contents appear to be the metal lids of the original packing tubes used to hold the glass ampoules. They are in some disarray, as it appears that all the pigs found today have been burned externally.

The third pig had both the top flange and the cover with bolts intact ripped completely off. The flange and cover came out of the excavation first and there was burned lids from the cardboard tubes adhered to the inside of the cover. The bottom (cylinder) portion of the pig came out next, and although it was burned there were some scrap contents visible inside.

Also today we found 6 small gas cylinders of unknown content. The cylinders were burned and it is impossible to tell if they contain liquids or gases without additional investigation.

4. Additionally this week, we have begun to collect samples from the overpacked drums for Hazardous Categorization so that the samples can be composited according to compatibility and shipped to an off site laboratory for predisposal analysis.

Some of the drums are not open and cannot be sampled. OHM is fabricating a brass spike to attach to the excavator bucket which will be used to puncture a 2 inch hole in the top of the drums in order to obtain a sample.

5. Also this week we moved 5 of the stockpiles to the permanent storage cell, as well as all the debris and scrap which was stockpiled at the excavation site which was placed in a different permanent cell.

#### **Summary of Work Completed Off Site -**

At the writing of this report Battelle has completed 19 soil stockpile analysis for CWM and Breakdown products with all negative results.

Samples from 2 additional piles have been collected and sent to Battelle. Columbia Analytical is currently analyzing the excavation verification samples from the excavation areas from which the first 19 soil stockpiles originated.

#### **Explanation of Deviation from Work Plan -**

NONE

#### **Problems Encountered -**

1. The amount of small items including the medical vials and wood slowed us down considerably in the lower East corner of Zone 7.
2. The Photovac on site is still not providing viable results for on site screening.

**Recommendations -**

1. During the heaviest periods where many small items are encountered OHM places 3 persons on the ground in Level B sorting through the soil.
2. OHM has dispatched a Senior Project Chemist to the jobsite to trouble shoot the Photovac. It appears that the problem is related to the point of elapsed time at which the 1,1,2,2 Tetrachlorethane, and the Trichloroethene peak. They appear to both be peaking at the same time which is only curable hopefully by obtaining a different type column. This column is being obtained as of the writing of this report. Compounding the problem with the peaks, the DI water which we were using in the analysis was found to have MEK in it. This or other chemicals in the water, caused the occurrence of noise in the form of large peaks early in the run which masked the PCA and TCE. We have rectified that problem by obtaining water from Columbia Analytical. We will obtain a second, special, column for the Photovac on Monday, in an effort to distinguish between the PCA and the TCE peaks.

**Key Personnel Changes -**

Mark Barros, who was assisting with air monitoring, has been replaced by Lori Petrocelli, from OHM's Orange, California office.

**Work Anticipated to be Performed Next Week -**

1. Continuing excavation in Zone 7. We may not be able to finish Zone 7 next week dependent upon the amount of medical vials and other small items encountered.
2. If we finish Zone 7 we will proceed to Zone 8 and 9.
3. We will construct an alternate roadway to the North of Barrs Blvd. approximately 100 feet long to allow the exclusion zone to encompass part of the roadway in the vicinity of the north west end of Zone 7 and the North end of Zone 10. We will not excavate to construct the roadway. We will import fill and backdrag it with the loader.
4. Also if the fabrication of the drum spike is complete we will punch the remaining 11 drums in order to obtain compatibility samples.

**Other Remarks -**

NONE

Submitted



Larry Hudson  
Project Manager  
OHM Remediation Services

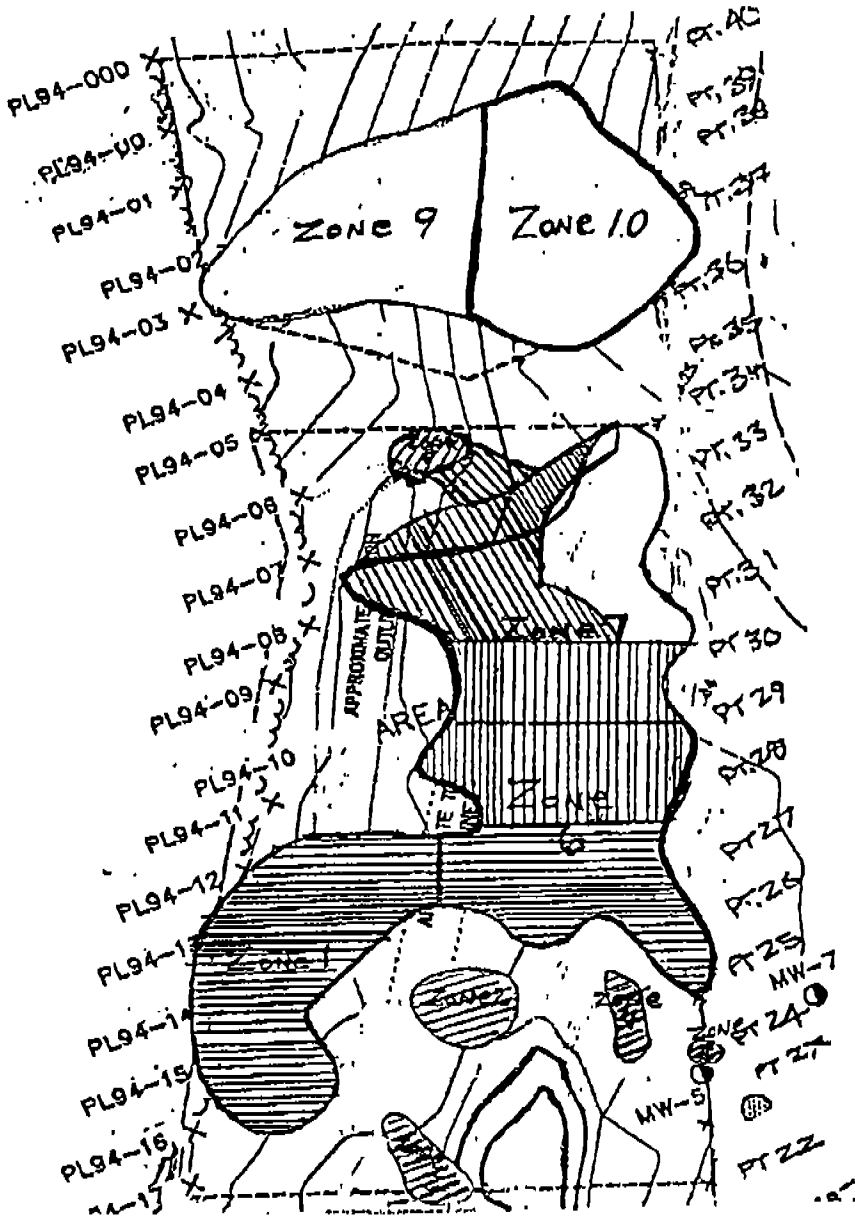
Approved





Steve Dawson  
Construction Representative  
U.S. Army Corps of Engineers


# Poleline Road Zone Delineation

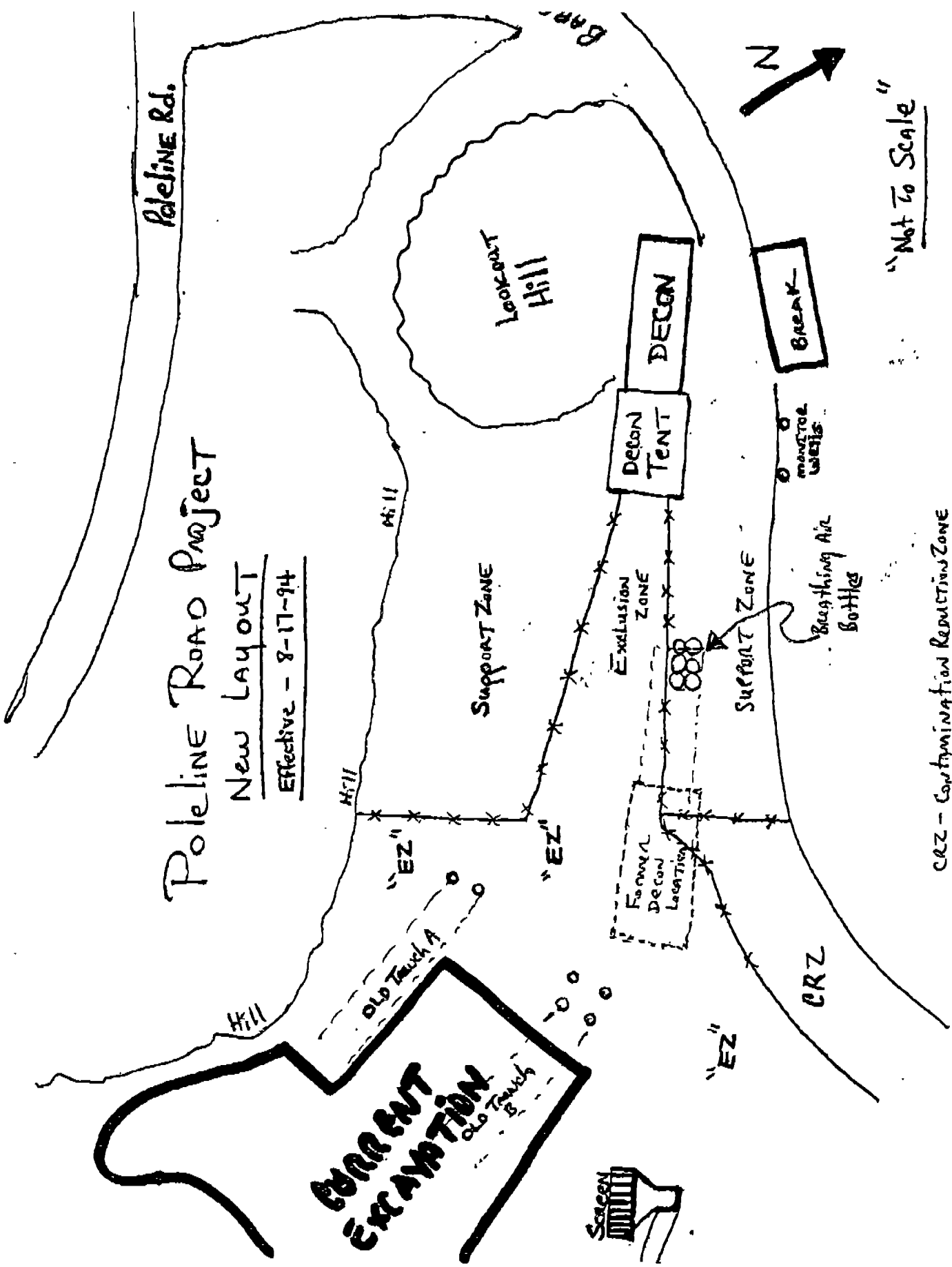
8-15-94



Week 3 Progress To Date 

Week 4 Progress 

Week 5 Progress 



**Poleline Road Project**  
New Layout  
 Effective - 8-17-94

"Not To Scale"

CRZ - Continuation Reduction Zone  
 EZ - Exclusion Zone

**CURRENT EXCAVATION**  
 Old Trench A  
 Old Trench B

