

03.10 - 1/7/94 - 00408

MONTHLY TECHNICAL PROGRESS REPORT

CONTRACT No. N47408-92-D3042

DELIVERY ORDER No. 0032

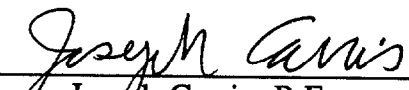
DRUM REMOVAL AT SITE #6  
MARINE CORPS BASE CAMP LEJEUNE  
JACKSONVILLE, NORTH CAROLINA

Prepared by:

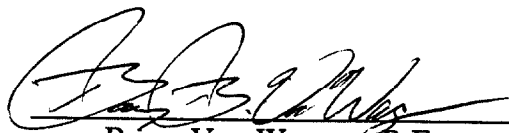
OHM Remediation Services Corp.

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January 7, 1994  
OHM Project No. 15226

03.10 - 1/7/94 - 00408

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## **1.0 INTRODUCTION**

This Monthly Technical Progress Report has been prepared to summarize activities performed from December 1, 1993 to December 31, 1993 by OHM Remediation Services Corp. (OHM) on Delivery Order No. 0032 (D.O. 0032) of NFESC Contract N47408-92-D-3042. Subsequent reports will comment on events occurring only within the previous calendar month. This delivery order was signed on September 30, 1993 and includes the following tasks at Marine Corps Base Camp Lejeune (MCB Camp Lejeune), located in Jacksonville, North Carolina:

- Prepare Pre-Construction Submittals
- Trench Excavation, Drum Removal and Staging
- Collection and Staging of Surface Drums and Tanks
- Rinsing Tanks and Drums, Sampling of Excavated Drums
- Waste Profiling
- Transportation and Disposal of Materials

Site 6 has a long history of various uses including the disposal and storage of waste and supplies. Lots 201 and 203 comprise the majority of Site 6 and have been used as disposal sites since the 1940s. Approximately 200 drums and containers are present at Site 6. The majority of the drums, if labeled, were identified as containing lubricants, petroleum products, or corrosives. Empty storage tanks are also located on the premisses. Burial of waste (drums, communication wire, wood, etc.) has been documented on the project site.

## **2.0 WORK ACCOMPLISHED**

During the month of December OHM began establishing subcontractors for on-site operations. Comments were received on the following draft plans, December 28, 1993:

- CQC Addenda
- Site Health and Safety Plan (SHSP)
- Work Plan
- Site Sampling and Analysis Plan (SSAP)

OHM has agreed to incorporate the changes, a price modification will be submitted at a later date for the additional sampling requested by the EPA (TCL/TAL). The revised plans will be returned January 14, 1994. A schedule for the preconstruct meeting was established and information for vehicle passes, telephone and electrical power permits were provided to OHM by Lt. S. Challeen.

### 3.0 WORK PLANNED

Plans for the month of January include mobilization and site setup. The pre-construction meeting is scheduled for January 4, 1994 with mobilization starting immediately thereafter. Site set-up includes construction of staging cells, set-up office trailer and decontamination trailer, install safety and silt fences. Additionally construction roads will be built leading into the proposed excavation areas and a new chain link gate will be installed at the northeast corner of Lot 203. Excavation permits will be obtained for removal of the buried drums.

### 4.0 PROBLEMS AND SOLUTIONS

This section presents specific problems encountered on this project and the solutions and/or response to these problems.

EPA has recommended additional TCL/TAL confirmation sampling associated with the trenches. Approximately 10 additional samples will be submitted to a qualified laboratory as per EPA's requirements. A modification will be submitted at a later date to compensate for these samples.

### 5.0 SUBMITTAL STATUS LOG

The following submittals have been completed under this delivery order:

<u>Submittal Description</u>	<u>Target Delivery Date</u>	<u>Actual Delivery Date</u>
CQC Addenda	11/29/93	11/29/93
Testing Laboratory Qualifications	11/29/93	11/29/93
Site Health and Safety Plan (SHSP)	11/29/93	11/29/93
Work Plan	11/29/93	11/29/93
Site Sampling and Analysis Plan (SSAP)	11/29/93	11/29/93
Construction Schedule	11/22/93	11/22/93

Additional submittals within the CDRLs are construction oriented and include Daily Reports for tracking costs and CQC Reports for documenting on-site activities on a daily basis. These reports are delivered directly to the RPM. Final submittals of the above referenced plans will be January 14, 1994.

### 6.0 COST SUMMARY

The total cost (including modifications and all fees) for this delivery order is not to exceed \$821,407.81. As of November 30, 1993, total cost amounted to approximately \$21,354.00 for D.O. 0032.

## **7.0 NON-COMPLIANCE CHECKOFF LIST**

No non-compliance issues have been associated with this delivery order.

## **8.0 WASTE MATERIALS TRACKING**

There has been no waste materials generated from performance of this delivery order during the period of this report.

## **9.0 GOVERNMENT MATERIALS TRACKING**

No government-owned materials have been utilized during performance of this delivery order.

PARADE (R) Primavera Systems, Inc.

Title: NEESA POLM

COST PERFORMANCE REPORT - WORK BREAKDOWN STRUCTURE

Start Date: 1JAN92

Period End Date: 31DEC93

Report Date: 13JAN94

Report Period: 13

ITEM	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK PERFORMED	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED	VARIANCE		BUDGETED	LATEST REVISED ESTIMATE	VARIANCE
	Work Scheduled	Work Performed		Schedule	Cost	Work Scheduled	Work Performed		Schedule	Cost			
HTRW Level 3													
Camp Lejeune Drum Removal													
0032	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Disposal Mob													
0032.01.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5669.	5669.	0.
Mob Equipment													
0032.01.01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5014.	5014.	0.
Mob Personnel													
0032.01.02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2879.	2879.	0.
Preconstruction Submittals													
0032.01.03	0.	6413.	5514.	6413.	899.	25652.	25652.	23149.	0.	2503.	25652.	26062.	-411.
Setup Temp Facilities													
0032.01.04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4874.	4874.	0.
Construct Temp Utilities													
0032.01.05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1451.	1451.	0.
Sample Soil and Drums													
0032.02.06	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21840.	21840.	0.
Lab Chemical Analysis													
0032.02.09	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	99709.	99709.	0.
Clear and Grub													
0032.03.02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1962.	1962.	0.
Access Roads													
0032.03.04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7889.	7889.	0.
Silt and Safety Fence													
0032.03.05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5936.	5936.	0.
Soil Containment Area													
0032.03.90	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19288.	19288.	0.
Debris Containment Area													
0032.03.91	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	18123.	18123.	0.
Trench/Drum Excavation													
0032.08.01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	51806.	51806.	0.

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	Work Scheduled	Work Performed		Schedule	Cost	Work Scheduled	Work Performed		Schedule	Cost			
HTRW Level 3													
Cover Soil/Debris Areas													
0032.08.05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8600.	8600.	0.
Liquids Pumping/Collection													
0032.09.06	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7074.	7074.	0.
Drum Operations Area													
0032.10.01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19595.	19595.	0.
Drum/Tank Collect and Cleaning													
0032.10.02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	37925.	37925.	0.
Cover Drum Storage Area													
0032.10.90	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2618.	2618.	0.
Pozzolan Process													
0032.15.03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4606.	4606.	0.
Transport to Disposal													
0032.19.02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	56789.	56789.	0.
Disposal Fees and Taxes													
0032.19.03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	164159.	164159.	0.
Trench Backfill													
0032.20.01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6810.	6810.	0.
Site Restoration													
0032.20.06	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4093.	4093.	0.
Remediation Demob													
0032.21.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9032.	9032.	0.
Remove Temp Facilities													
0032.21.01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1277.	1277.	0.
Remove Temp Utilities													
0032.21.02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	279.	279.	0.
Demob Equipment													
0032.21.04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4698.	4698.	0.
Demob Personnel													
0032.21.05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2150.	2150.	0.

ITEM	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
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	Work Scheduled	Work Performed		Schedule	Cost	Work Scheduled	Work Performed		Schedule	Cost			
HTRW Level 3													
Post Construction Documents													
0032.21.06	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12885.	12885.	0.
Distributive Costs													
0032.99.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	181357.	181357.	0.
Disposal Approval													
0032.99.04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6361.	6361.	0.
COST OF MONEY	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
GEN AND ADMIN	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UNDISTRIBUTED BUDGET	XX					XX					---N/A---N/A---XXXXXXXXXXXX		
SUBTOTAL	0.	6413.	5514.	6413.	899.	25652.	25652.	23149.	0.	2503.	802399.	802810.	-411.
MANAGEMENT RESERVE	XX					XX					0. 0. 0.		
TOTAL	0.	6413.	5514.	6413.	899.	25652.	25652.	23149.	0.	2503.	802399.	802810.	-411.

(ALL ITEMS IN 1)



PARADE (R) Primavera Systems, Inc.

Title: NEESA POLM

VARIANCE ANALYSIS REPORT WORK BREAKDOWN STRUCTURE

Start Date: 1JAN92

Period End Date: 31DEC93

Report Date: 13JAN94

Report Period: 13

ITEM	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK PERFORMED	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED	VARIANCE		BUDGETED	LATEST REVISED ESTIMATE	VARIANCE
	Work Scheduled	Work Performed		Schedule	Cost	Work Scheduled	Work Performed		Schedule	Cost			
Delivery Order # Camp Lejeune Drum Removal 0032	0.	6413.	5514.	6413.	899.	25652.	25652.	23149.	0.	2503.	802399.	802810.	-411.

(ALL ITEMS IN 1, All Indirect Costs and Undistributed Budgets are included)

PARADE (R) Primavera Systems, Inc.

Title: NEESA POLM

VARIANCE ANALYSIS REPORT WORK BREAKDOWN STRUCTURE

Start Date: 1JAN92

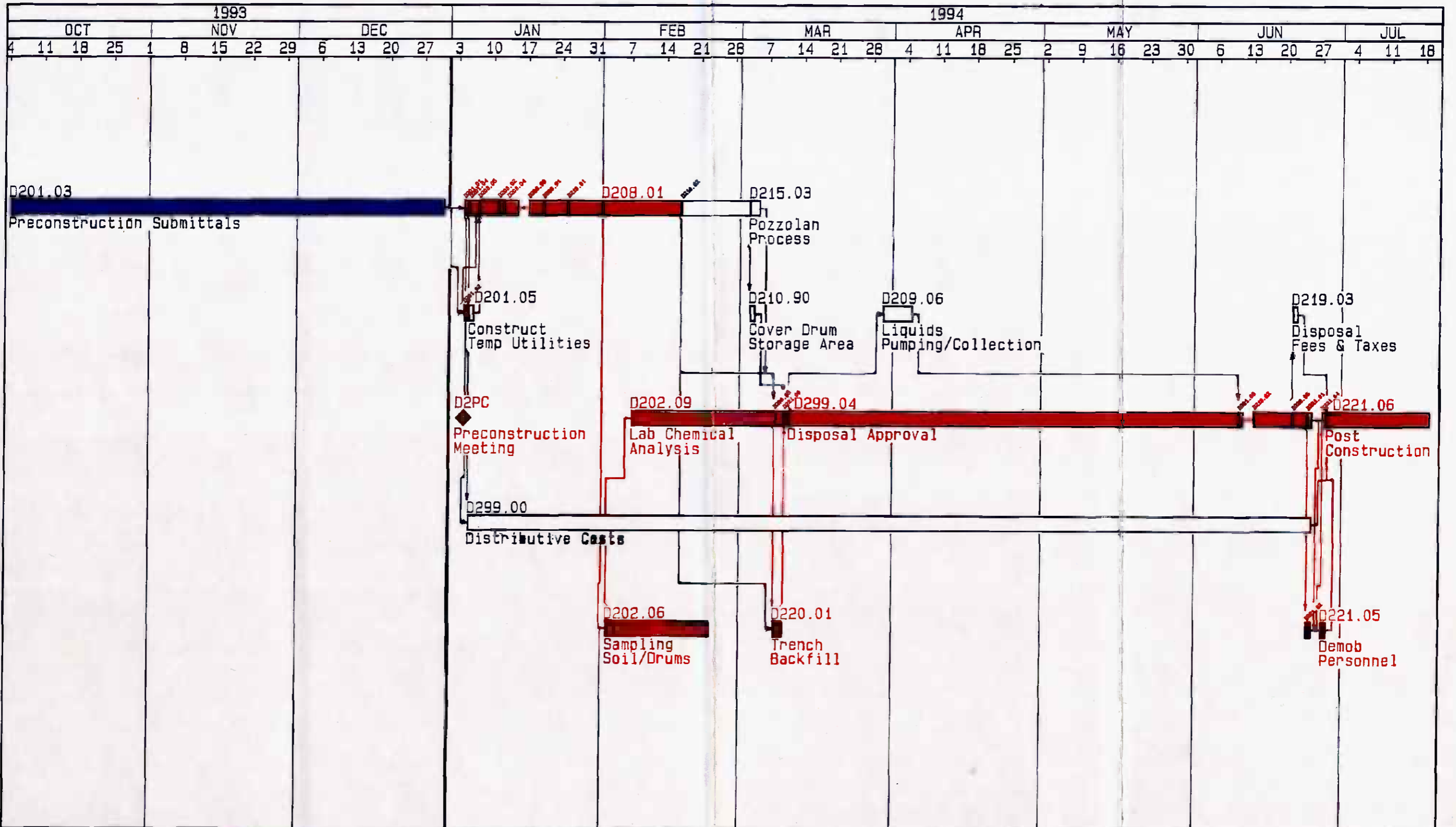
Period End Date: 31DEC93

Report Date: 13JAN94

Report Period: 13

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	BUDGETED COST		ACTUAL COST WORK PERFORMED	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED	VARIANCE		BUDGETED	LATEST REVISED ESTIMATE	VARIANCE
	Work Scheduled	Work Performed		Schedule	Cost	Work Scheduled	Work Performed		Schedule	Cost			
HTRW Level 3 Preconstruction Submittals 0032.01.03	0.	6413.	5514.	6413.	899.	25652.	25652.	23149.	0.	2503.	25652.	26062.	-411.

(ALL ITEMS IN 1, All Indirect Costs and Undistributed Budgets are included)



Plot Date 11JAN94  
 Data Date 1JAN94  
 Project Start 4OCT93  
 Project Finish 18JUL94

act id  
 Activity Bar/Early Dates  
 Critical Activity  
 Progress Bar  
 Milestone/Flag Activity

ZEBA NC02

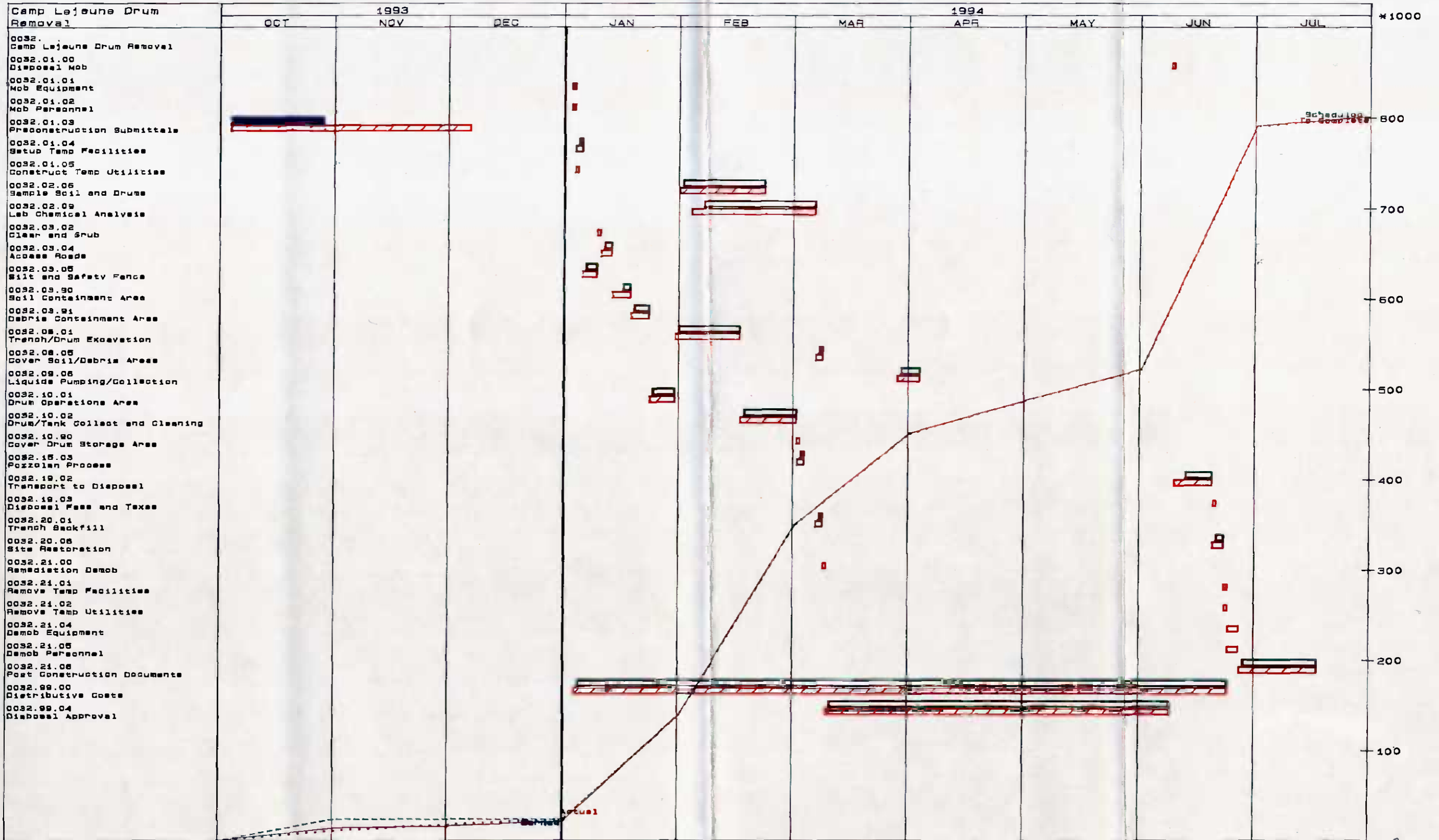
NEESA POLM  
 Time-Scaled Logic Diagram  
 Camp Lejeune Drum Removal

Sheet 1 of 1

OHM Remediation Services Corp.

Date	Revision	Checked	Approved

00408 MOLY



BOM Baseline  
 CUP Current  
 SCP Progress  
 Scheduled  
 Earned  
 Actual  
 To Complete

NEESA POLM  
 Camp Lejeune Drum Removal

Plot Date : 15JAN94  
 Start Date : 1JAN93  
 Finish Date : 06DEC95  
 Status Date : 1JAN94

00408M02Y