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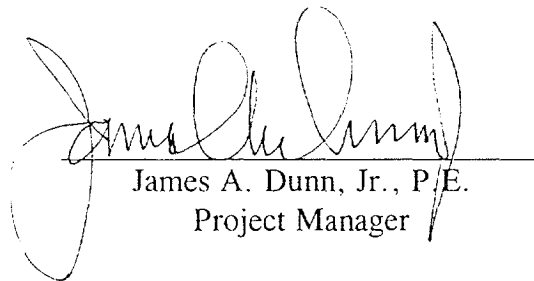
MONTHLY TECHNICAL PROGRESS REPORT  
MARCH 1995

CONTRACT No. N47408-92-D3042  
DELIVERY ORDER No. 0032

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

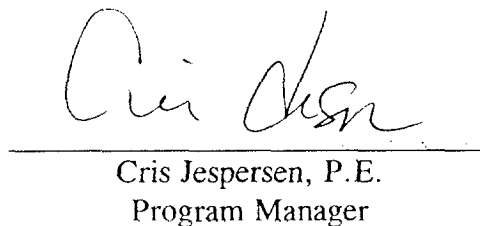
Prepared by:

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Approved By:



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April 7, 1995  
OHM Project No. 15226

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## **1.0 INTRODUCTION**

This Monthly Technical Progress Report has been prepared to summarize activities performed from March 1, 1995 to March 31, 1995 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
- Construction of a biocell for landfarming of soils

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 March 1995, a detailed estimate for the construction and operation of a biocell in compliance with the North Carolina Department of Environment, Health and Natural Resources, Division of Environmental Management, Groundwater Section Guidelines was prepared and submitted.

## **3.0 WORK PLANNED**

The remaining work item is the Work Plan preparation for construction and operation of the on-site biotreatment cell. A proposed schedule for this work is attached.

## **4.0 PROBLEMS AND SOLUTIONS**

OHM is awaiting formal response to our modification request for on-site bio-treatment of excavated and stockpiled soils.

## 5.0 SUBMITTAL STATUS LOG

Submittal Description	Target Delivery Date	Revised Delivery Date	Actual Delivery Date	Date DD250 Submitted
Draft H&S Plan	11/29/93		11/29/93	N/A
Final H&S Plan	01/17/94		01/18/94	02/01/94
Draft CQC Addenda	11/29/93		11/29/93	N/A
Final CQC Addenda	01/17/94		01/18/94	02/01/94
Draft Site Work Plan	11/29/93		11/29/93	N/A
Final Site Work Plan	01/17/94		01/18/94	02/01/94
Draft Sampling Plan	11/29/93		11/29/93	N/A
Final Sampling Plan	01/17/94		01/18/94	02/01/94
Testing Lab Quals.	11/29/93		11/29/93	02/10/94
Project Schedule	11/22/93		11/22/93	02/01/94
Permits	N/A			02/01/94
Monthly Status Report	Monthly			
CQC Meeting Minutes	Weekly			
Daily Report	Daily			
As Built Drawings	N/A			N/A
Sampling Results				
Cert. Disposal Facility				
Cert. Vehicle Decon at Site				
Waste Shipment Doc.	3/31/94		3/31/94	
Cert. Vehicle Decon at Disposal Facility				
Closeout Report				
Cert. Clean Material	N/A		N/A	

## 6.0 COST SUMMARY

The total cost (including modifications and all fees) for this delivery order is not to exceed \$831,407.81. As of March 26, 1995, total cost amounted to approximately \$710,500.00 for D.O. 0032.

## 7.0 WASTE MATERIALS TRACKING

**WASTE MATERIALS TRACKING REPORT**  
**CONTRACT No. N47408-92-D3042**  
**DELIVERY ORDER No. 0032**  
**MCB CAMP LEJEUNE**

MANIFEST # (if required)	DESCRIPTION	QUANTITY	DESTINATION	PURPOSE	HAZ. CLASS
N/A	Rinse & decon water	12,000 gals.	Base waste water treatment plant	Disposal	NON 7777
N/A	Triple rinsed drums & containers		DRMO	Recycle/Disposal	NON 7777
N/A	Aboveground Storage Tanks (ASTs)	5-250 gallon capacity	DRMO	Recycle/Disposal	NON 7777
24056	Kerosine, motor oil, diesel and water	740 gallons	Noble Oil Services	Recycle/Disposal	NA 1993 Flam Liq
Load 1-18	Petroleum contaminated soil	332.1 tons	American Soils Corp.	Recycle/Disposal	NON 7777
31502 31503 31504 31505 33132 31542	Batteries	110.91 tons	Piedmont Landfill	Disposal	Non 7777
99901 99902	Grease cans	35 1-yd boxes 2 drums	Laidlaw, Pinewood, SC	Disposal	Non 7777

I1021	Hazardous Waste Liquid Hazardous Waste Solid Waste Oxidizing Substance Waste Corrosive Solid Waste Oxidizing Substance, Corrosive Waste Oil, RCRA & DOT non-regulated Waste oils & grease-non-regulated Waste 16-6-BO6-DOT Waste Oxidizing Substance Waste Oxidizing Substance, Solid Hazardous Waste Liquid Hazardous Waste Solid	4DM 31 DM 3DM 2DM 1DM 2DM  1DM 12DM 3DM 1DM 4DM 1DM	CWM - Morrow, GA	Disposal	NA 3082 NA 3077 UN 1479 UN 1759 UN 3085 NON 7777 NON 7777  NON 7777 UN 1478 UN 1479 NA 3077 NA 3077
31527 31526 31525 31528 31529 31531 31533 31534	Battery Debris and Wire	149.5 tons	Piedmont Landfill	Disposal	Non 7777

## 8.0 GOVERNMENT MATERIALS TRACKING

Liner 40 mil	23,300 sq. ft.	routed to disposal - non-hazardous
Cover 20 mil	16,900 sq. ft.	routed to disposal - non-hazardous
Overpack 53 gal	70	routed to disposal - CWM
drum 55 gal	25	routed to disposal - CWM
Poly overpack	15	routed to disposal - CWM
Safety Fence	1,200 ft.	placed in landfill after use
Cubic yard boxes	43	used for disposal, Laidlaw, Pinewood, SC

## 9.0 MODIFICATION LOG

No cost modification request for biocell construction and operation.

## 10.0 COST

Note attached

## 11.0 SCHEDULE

Cell construction activities could commence in April.

9.0

NFESC MODIFICATION LOG

Contract Number: N47408-92-D-3042  
 Contract Name: POLM  
 Delivery Order: 0032  
 Project Name: Camp Lejeune Drum Removal

Project Manager's Name: Dunn  
 Date: 1-Apr-95

Original Delivery Order Amt. - \$821,407.81

DESCRIPTION	REQUESTOR	REQUEST FOR MOD	GOV'T MOD NUMBER	DATE SUBMITTED	AMOUNT	DATE APPROVED	AMOUNT APPROVED	PROJ. END DATE
					Current Total \$ Awarded -	\$821,407.81		



10.0

## **PTS/Cost Tracking**

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4/1/95

**NFESC**  
**Contract No. N47408-92-D-3042**  
**Removal of Drums at Site 6**  
**Camp Lejeune, North Carolina**

				<u>Budget</u>	<u>Actual</u>
<b>Direct Costs</b>					
			Base		
Direct Labor (includes 27.1% fulltime & 12.6% temporary labor fringe)				\$130,052.73	\$136,381.61
Per Diems				\$46,716.00	\$52,135.76
Direct Equipment				\$33,082.00	\$28,747.00
Inventory Standard				\$25,481.15	\$8,824.70
Field Purchase				\$69,619.23	\$98,717.46
Subcontract				\$300,134.01	\$55,994.46
Affiliates				\$0.00	\$132,260.00
Project Supplies @ 4.5% of Base Wages				<u>\$4,604.54</u>	<u>\$0.00</u>
				<b>\$609,689.66</b>	<b>\$513,060.99</b>
<hr/>					
<b>Operations Support</b>					
			Base		
Direct Labor	53.3%	\$136,381.61		\$69,318.11	\$72,691.40
Direct Equipment	53.3%	\$28,747.00		<u>\$17,632.71</u>	<u>\$15,322.15</u>
				<b>\$86,950.81</b>	<b>\$88,013.55</b>
Operations Support Total				<u>\$86,950.81</u>	<u>\$88,013.55</u>
				<b>\$696,640.47</b>	<b>\$601,074.54</b>
<hr/>					
<b>G &amp; A</b>					
			Base		
	11.0%	\$601,074.54		<u>\$76,630.45</u>	<u>\$66,118.20</u>
				<b>\$773,270.92</b>	<b>\$667,192.74</b>
<hr/>					
<b>Facilities Costs Of Money</b>					
FCCOM Labor	0.972%			\$1,264.11	\$1,325.63
FCCOM Per Diems	0.155%			\$72.41	\$80.81
FCCOM Equip	16.728%			\$5,533.96	\$4,808.80
FCCOM Inventory	0.155%			\$39.50	\$13.68
FCCOM Subs	0.155%			\$465.21	\$86.79
FCCOM FP	0.155%			\$107.91	\$153.01
FCCOM Proj Supplies	0.155%			<u>\$7.14</u>	<u>\$0.00</u>
				<b>\$7,490.23</b>	<b>\$6,468.72</b>
FCCOM Total				<u>\$7,490.23</u>	<u>\$6,468.72</u>
				<b>\$780,761.15</b>	<b>\$673,661.46</b>
<hr/>					
<b>Fee</b>					
			Base		
Fee on Direct Labor, Equip., Ops. Suppt., and G & A	7.5%	\$280,987.80		\$20,819.62	\$20,819.62
Fee on ODC, Subcontract and G & A	4.0%	\$386,204.94		<u>\$19,827.04</u>	<u>\$15,448.20</u>
				<b>\$40,646.66</b>	<b>\$36,267.82</b>
				<b>\$821,407.81</b>	<b>\$709,929.28</b>
<b>Total Delivery Order</b>					
				<b>\$821,407.81</b>	<b>\$709,929.28</b>

Summary by WBS Activity - Revenue

NFESC

Delivery Order: 0032

560 CENTER DRIVE

Last Processing Date: 03/17/95 Daily Date Range: - 03/17/95

Contract No: N4740892D3042

PORT HUENEME CA 93043-4328

Highest Processing Date: 03/17/95

WBS Range: 0000000 - 9999999

WBS Level: Activity

WBS Code	Labor			Travel		Equipment		Inventory		Field Purchases		Rental Equipment		Affiliates		Subs		T&D/Team Subs		Cumulative	
	LF, LT, PS	PM, PL, TL		EQ	IN, FI	FP	RE	AF	DS	TD, TS	Lump Sum	Total									
0000000	103.49	0.00		67.28	0.00	14.09	0.00	0.00	0.00	0.00	0.00	184.86									
0100100	1,350.71	0.00		2,330.65	0.00	653.37	0.00	0.00	6,085.04	0.00	0.00	10,419.77									
0100200	4,147.09	421.28		325.20	0.00	3,043.61	0.00	0.00	0.00	0.00	0.00	7,937.18									
0100300	24,956.23	0.00		0.00	0.00	30.46	0.00	0.00	309.48	0.00	0.00	25,296.17									
0100400	3,697.60	0.00		128.97	0.00	7,578.06	4,803.98	0.00	0.00	0.00	0.00	16,208.61									
0100500	1,279.27	0.00		243.10	0.00	389.05	0.00	0.00	2,682.17	0.00	0.00	4,593.59									
0200600	12,894.46	0.00		121.55	150.96	138.99	0.00	0.00	2,321.30	0.00	0.00	15,627.26									
0200900	0.00	0.00		0.00	0.00	0.00	0.00	146,489.17	10,471.91	0.00	0.00	156,961.08									
0300200	1,649.43	0.00		0.00	0.00	2,145.56	0.00	0.00	0.00	0.00	0.00	3,794.99									
0300400	11,336.79	0.00		5,552.76	0.00	2,064.11	0.00	0.00	0.00	0.00	0.00	18,953.66									
0300500	2,188.18	0.00		237.36	0.00	2,650.70	0.00	0.00	1,055.97	0.00	0.00	6,132.21									
0309000	5,118.45	0.00		2,027.84	0.00	13,767.88	0.00	0.00	0.00	0.00	0.00	20,914.17									
0309100	2,390.59	0.00		799.92	0.00	185.99	0.00	0.00	0.00	0.00	0.00	3,376.50									
0800100	25,525.94	289.02		18,217.09	3,691.27	11,979.92	0.00	0.00	702.29	0.00	0.00	60,405.53									
0800500	396.03	0.00		0.00	0.00	2,558.94	0.00	0.00	0.00	0.00	0.00	2,954.97									
0900600	1,480.44	209.64		670.72	176.18	2,174.96	394.87	0.00	0.00	0.00	0.00	5,106.81									
1000100	4,426.60	0.00		3,137.87	0.00	5,250.96	0.00	0.00	0.00	0.00	0.00	12,815.43									
1000200	4,645.34	0.00		9,468.35	38.80	10,136.50	0.00	0.00	0.00	0.00	0.00	24,268.99									
1000205	1,467.25	0.00		537.21	0.00	129.61	1,710.65	0.00	0.00	0.00	0.00	3,844.72									
1000901	4,729.04	0.00		681.10	0.00	0.00	3,222.13	0.00	0.00	629.09	0.00	9,261.36									
1009000	0.00	0.00		0.00	0.00	889.24	0.00	0.00	0.00	0.00	0.00	889.24									
1900200	1,284.18	0.00		0.00	0.00	8,038.18	1,605.79	0.00	14,242.91	18,940.40	0.00	44,111.46									
2000100	1,787.17	0.00		0.00	0.00	565.67	0.00	0.00	2,295.36	0.00	0.00	4,648.20									
2000106	1,903.71	0.00		549.48	0.00	0.00	1,710.65	0.00	0.00	0.00	0.00	4,163.84									
2000300	4,357.33	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,357.33									
2100400	1,778.13	0.00		332.68	0.00	1,876.30	0.00	0.00	0.00	0.00	0.00	3,987.11									
2100500	1,813.36	347.92		0.00	0.00	4,174.14	0.00	0.00	0.00	0.00	0.00	6,335.42									
2100600	2,376.44	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,376.44									
9900000	100,657.08	55,881.47		8,216.25	5,753.18	15,210.78	526.29	0.00	1,929.86	0.00	0.00	188,174.91									
9900001	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
Totals:	229,740.33	57,149.33		53,645.38	9,810.39	95,647.07	13,974.36	146,489.17	42,096.29	19,569.49	0.00	668,121.81									

\* Labor includes Fringe Benefits, CPL Insurance and Project Supplies Allocations.

Summary by Daily Report Date - Revenue

NFESC

560 CENTER DRIVE  
PORT HUENEME CA 93043-4328

Last Processing Date: 03/17/95 Daily Date Range: 03/01/95 - 03/17/95  
Highest Processing Date: 03/17/95 WBS Range: 0000000 - 9999999

Delivery Order: 0032

Contract No: N4740892D3042

Daily	CPL / Project			Travel PM, PL, TL	Equipment EQ	Inventory IN	ODC Other	Awaits To Finals	Daily Fee	Lump Sum	Cumulative Total
	Labor LF, LT	Supplies PS	FI, FP, RE AF, DS, TD, TS								
03/01/95	0.00	0.00	0.00	15.80	0.00	0.00	0.00	0.00	0.00	0.00	15.80
03/02/95	998.14	25.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,023.38
03/03/95	44.86	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.99
03/04/95	0.00	0.00	0.00	0.00	0.00	0.00	394.87	0.00	0.00	0.00	394.87
03/07/95	145.18	3.67	0.00	0.00	0.00	0.00	21,651.34	0.00	0.00	0.00	21,800.19
03/08/95	9.12	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.35
03/09/95	96.23	2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.66
03/15/95	18.24	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.70
03/17/95	275.28	6.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	282.23
Totals:	1,587.05	40.11	0.00	15.80	0.00	0.00	22,046.21	0.00	0.00	0.00	23,689.17

Labor Charge Code - Cost Variance

NFESC  
 560 CENTER DRIVE  
 PORT HUENEME CA 93043-4328

Delivery Order: 0032  
 Contract No: N4740892D3042  
 Region: Southern

Level: Budget/Activity

Charge Code	Full Temp	Description	----- Budget Hours -----				----- Budget Cost -----				Percent Expended
			Original	Revised	Actual	Variance	Original	Revised	Actual	Variance	
Region: 32 - Southern											
899	Full	GOV'T PROGRAM MANAGER	0	0	46.00	(46.00)	0	0	1,967.88	(1,967.88)	0.00 %
920	Full	ESTIMATOR	0	0	16.00	(16.00)	0	0	309.44	(309.44)	0.00 %
922	Full	TECHNICAL EDITOR	0	0	37.00	(37.00)	0	0	605.69	(605.69)	0.00 %
936	Full	COST SCHEDULING COORD	92	92	94.50	(2.50)	1,929	1,929	1,980.71	(51.71)	102.68 %
970	Full	WORD PROCESSOR	69	69	54.50	14.50	855	855	727.43	127.57	85.08 %
974	Full	DRAFTSPERSON	40	40	29.00	11.00	720	720	530.70	189.30	73.71 %
982	Full	PROJECT CHEMIST I	334	344	59.00	285.00	6,700	6,700	1,183.54	5,516.46	17.66 %
983	Full	PROJECT SCIENTIST	16	16	0.00	16.00	379	379	0.00	379.00	0.00 %
984	Full	PROJECT ENGINEER I	66	66	0.00	66.00	1,496	1,496	0.00	1,496.00	0.00 %
985	Full	H & S - SPECIALIST	638	638	679.00	(41.00)	12,473	12,473	13,539.26	(1,066.26)	108.55 %
986	Full	PROJECT CHEMIST II	0	0	457.00	(457.00)	0	0	10,584.12	(10,584.12)	0.00 %
989	Full	SR PROJECT CHEMIST	44	44	0.00	44.00	1,452	1,452	0.00	1,452.00	0.00 %
991	Full	SR PROJECT ENGINEER	56	56	33.00	23.00	1,965	1,965	1,229.25	735.75	62.56 %
992	Full	H & S-SENIOR SPECIAL	0	0	8.00	(8.00)	0	0	169.52	(169.52)	0.00 %
994	Full	H & S-CERT IND HYG	8	8	3.00	5.00	350	350	129.27	220.73	36.93 %
995	Full	SR PROJECT MANAGER	0	0	4.00	(4.00)	0	0	153.44	(153.44)	0.00 %
1001	Full	SITE SUPERVISOR I	682	682	71.00	611.00	13,913	13,913	1,472.54	12,440.46	10.58 %
1009	Full	SITE SUPERINTENDENT	0	0	580.50	(580.50)	0	0	14,135.22	(14,135.22)	0.00 %
1036	Full	FOREMAN - GENERAL	0	0	50.00	(50.00)	0	0	820.00	(820.00)	0.00 %
1039	Full	FOREMAN	0	0	210.00	(210.00)	0	0	3,531.12	(3,531.12)	0.00 %
1039	Temp	FOREMAN	0	0	311.00	(311.00)	0	0	4,300.17	(4,300.17)	0.00 %
1041	Full	EQUIPMENT OPERATOR	1,120	1,120	57.50	1,062.50	16,910	16,910	910.35	15,999.65	5.38 %
1042	Full	PROJECT CONTROL TECH I	610	610	93.50	516.50	9,220	9,220	1,175.25	8,044.75	12.75 %
1043	Full	RECOVERY TECH - LEAD	0	0	52.00	(52.00)	0	0	785.68	(785.68)	0.00 %
1045	Full	RECOVERY TECHNICIAN	2,700	2,700	0.00	2,700.00	31,815	31,815	0.00	31,815.00	0.00 %
1045	Temp	RECOVERY TECHNICIAN	0	0	153.50	(153.50)	0	0	1,482.53	(1,482.53)	0.00 %
1061	Full	EQUIP OPERATOR- SR	0	0	128.50	(128.50)	0	0	2,411.11	(2,411.11)	0.00 %
1070	Full	TRUCK DRIVER	200	200	14.50	185.50	3,058	3,058	273.00	2,785.00	8.93 %
1090	Full	T & D COORDINATOR	110	110	153.00	(43.00)	2,580	2,580	2,874.87	(294.87)	111.43 %
1093	Full	PROJECT MANAGER II	44	44	692.50	(648.50)	1,370	1,370	21,412.10	(20,042.10)	***.*** %

Labor Charge Code - Cost Variance

NFESC

Delivery Order: 0032

Charge Full		----- Budget Hours -----				----- Budget Cost -----				Percent	
Code	Temp	Description	Original	Revised	Actual	Variance	Original	Revised	Actual	Variance	Expended
1095	Full	T & D COORD - ASSIST	64	64	6.25	57.75	1,283	1,283	140.07	1,142.93	10.92 %
1097	Full	PROJECT CONTROL TECH II	0	0	628.00	(628.00)	0	0	10,269.74	(10,269.74)	0.00 %
1102	Full	TECHNICAL MANAGER	0	0	65.00	(65.00)	0	0	2,518.75	(2,518.75)	0.00 %
1137	Full	CHEMIST I	0	0	150.00	(150.00)	0	0	2,386.51	(2,386.51)	0.00 %
2001	Full	T & D COORDINATOR ASST	0	0	2.50	(2.50)	0	0	50.03	(50.03)	0.00 %
2002	Full	MGR PROJECT SR.	0	0	13.00	(13.00)	0	0	491.40	(491.40)	0.00 %
2003	Full	PROJ. ACCOUNTANT SR.	0	0	46.50	(46.50)	0	0	678.90	(678.90)	0.00 %
6100	Full	BREATHING-AIR TIME	1,440	1,440	231.00	1,209.00	4,579	4,579	734.59	3,844.41	16.04 %
6100	Temp	BREATHING-AIR TIME	0	0	254.75	(254.75)	0	0	716.00	(716.00)	0.00 %
9921	Full	TECHNICIAM 2	0	0	38.00	(38.00)	0	0	863.48	(863.48)	0.00 %
9981	Full	LABORER	0	0	15.00	(15.00)	0	0	98.25	(98.25)	0.00 %
9981	Temp	LABORER TEMP	0	0	1,622.50	(1,622.50)	0	0	9,169.30	(9,169.30)	0.00 %
9982	Full	OPERATOR BACKHOE	0	0	32.00	(32.00)	0	0	288.65	(288.65)	0.00 %
9983	Full	OPERATOR LOADER	0	0	64.50	(64.50)	0	0	607.83	(607.83)	0.00 %
9984	Full	OPERATOR TRACTOR	0	0	42.00	(42.00)	0	0	300.54	(300.54)	0.00 %
9985	Full	OPERATOR TRENCHING	0	0	1,411.00	(1,411.00)	0	0	13,640.24	(13,640.24)	0.00 %
9995	Full	CONSTRUCTION MANAGER	394	394	0.00	394.00	12,269	12,269	0.00	12,269.00	0.00 %
Grand Total:			8,777	8,737	8,709.50	27.50	125,316	125,316	131,648.47	(6,332.47)	105.05 %

NFESC

Delivery Order: 0032

560 CENTER DRIVE

Level: Budget/Activity

Contract No: N4740892D3042

PORT HUENEME CA 93043-4328

Charge Code	Description	Budget Days				Budget Cost				Percent Expended
		Original	Revised	Actual	Variance	Original	Revised	Actual	Variance	
8020	OVER-THE-ROAD DISL TRCTR	24	24	3.00	21.00	2,304	2,304	288.00	2,016.00	12.50 %
8050	PCT TRUCK - TWO TON	0	0	8.00	(8.00)	0	0	552.00	(552.00)	0.00 %
8099	TRUCK - TWO TON STAKE (L)	0	0	72.00	(72.00)	0	0	4,092.00	(4,092.00)	0.00 %
8100	TRUCK - TWO TON STAKE	4	4	0.00	4.00	372	372	0.00	372.00	0.00 %
8102	1200 GAL WATER TRUCK	77	77	0.00	77.00	1,848	1,848	0.00	1,848.00	0.00 %
8120	PICK-UP TRUCK	0	0	74.00	(74.00)	0	0	2,146.00	(2,146.00)	0.00 %
8130	PICK-UP TRUCK	55	55	1.00	64.00	1,885	1,885	29.00	1,856.00	1.54 %
8131	PICK-UP TRUCK (L)	0	0	8.00	(8.00)	0	0	232.00	(232.00)	0.00 %
8140	VAN	142	142	24.00	118.00	4,118	4,118	696.00	3,422.00	16.90 %
8170	DECON/OFFICE TRAILER 28'	167	167	73.00	94.00	3,006	3,006	1,314.00	1,692.00	43.71 %
8240	LOWBOY TRAILER	20	20	1.00	19.00	1,260	1,260	63.00	1,197.00	5.00 %
8346	UTILITY TRAILER	4	4	0.00	4.00	136	136	0.00	136.00	0.00 %
13090	HOLDING TANK 1K TO 5K GAL	210	210	0.00	210.00	1,260	1,260	0.00	1,260.00	0.00 %
13200	PORTABLE POOL - 12000 GAL	66	66	135.00	(69.00)	132	132	192.00	(60.00)	145.45 %
16540	CYANIDE DETECTOR	14	14	0.00	14.00	56	56	0.00	56.00	0.00 %
16560	SULFIDE DETECTOR	14	14	0.00	14.00	56	56	0.00	56.00	0.00 %
16580	PHOTOIONIZATION DETECTOR	68	68	58.00	10.00	612	612	504.00	108.00	82.35 %
16630	LEL,O2,H2S,SO2 METER	68	68	0.00	68.00	272	272	0.00	272.00	0.00 %
16860	ORGANIC VAPOR ANALYZER	68	68	0.00	68.00	340	340	0.00	340.00	0.00 %
25120	CASE 580 BACKHOE OR EQUAL	78	78	0.00	78.00	3,042	3,042	0.00	3,042.00	0.00 %
25902	963 TRACK LOADER OR EQUAL	19	19	0.00	19.00	2,470	2,470	0.00	2,470.00	0.00 %
25910	CAT 215 TRACKHOE OR EQUAL	68	68	113.00	(45.00)	5,168	5,168	8,056.00	(2,888.00)	155.88 %
25919	936 RUBBER LOADR OR EQUAL	0	0	74.00	(74.00)	0	0	6,734.00	(6,734.00)	0.00 %
28130	GENERATOR - 6.5 KW	0	0	73.00	(73.00)	0	0	365.00	(365.00)	0.00 %
28140	GENERATOR - 5 KW	168	168	0.00	168.00	168	168	0.00	168.00	0.00 %
31050	HIPR COLDWATER LASER-3000	0	0	61.00	(61.00)	0	0	1,098.00	(1,098.00)	0.00 %
31108	PRESSURE WASHER(HOT)-PORT	0	0	74.00	(74.00)	0	0	1,258.00	(1,258.00)	0.00 %
31123	STEAMER 350000 BTU	178	178	0.00	178.00	1,780	1,780	0.00	1,780.00	0.00 %
31160	AIR COMPRESSOR - 185 CFM	4	4	0.00	4.00	60	60	0.00	60.00	0.00 %
37180	ELEC SUBMERSIBLE PUMP -2"	507	507	132.00	375.00	507	507	132.00	375.00	26.04 %
37219	TRASH PUMP - 2"	0	0	73.00	(73.00)	0	0	73.00	(73.00)	0.00 %
37240	DIAPHRAGM PUMP S.S. - 2"	4	4	0.00	4.00	28	28	0.00	28.00	0.00 %
40100	HYDRAULIC DRUM GRAPPLER	22	22	62.00	(40.00)	308	308	672.00	(364.00)	218.18 %
40110	HYDRAULIC SHEARS -200 TON	4	4	0.00	4.00	224	224	0.00	224.00	0.00 %

Equipment Charge Code - Cost Variance

NFESC

Delivery Order: 0032

Charge		----- Budget Days -----				----- Budget Cost -----				Percent
<u>Code</u>	<u>Description</u>	<u>Original</u>	<u>Revised</u>	<u>Actual</u>	<u>Variance</u>	<u>Original</u>	<u>Revised</u>	<u>Actual</u>	<u>Variance</u>	<u>Expended</u>
43625	RADIO - HAND HELD	0	0	242.00	(242.00)	0	0	242.00	(242.00)	0.00 %
48025	PORTABLE COMPUTERS	167	167	0.00	167.00	1,169	1,169	0.00	1,169.00	0.00 %
48100	FACSIMILE MACHINES (FAX)	167	167	26.00	141.00	501	501	9.00	492.00	1.80 %
Grand Total:		2,397	2,397	1,387.00	1,010.00	33,082	33,082	28,747.00	4,335.00	86.90 %



Inventory Charge Code - Cost Variance

NFESC

Delivery Order: 0032

560 CENTER DRIVE

Level: Budget/Activity

Contract No: N4740892D3042

PORT HUENEME CA 93043-4328

Charge Code	Description	UOM	Budget Quantity				Budget Cost				Percent Expended
			Original	Revised	Actual	Variance	Original	Revised	Actual	Variance	
9026	LEVEL A W/ SARAN	DAY	0	0	2.00	(2.00)	0	0	104.52	(104.52)	0.00 %
9030	LEVEL B W/TYVEK	DAY	16	16	0.00	16.00	413	413	0.00	413.00	0.00 %
9035	LEVEL B W/SARAN	DAY	82	82	0.00	82.00	5,494	5,494	0.00	5,494.00	0.00 %
9045	LEVEL C W/TYVEK	DAY	88	88	0.00	88.00	2,723	2,723	0.00	2,723.00	0.00 %
9050	LEVEL C W/SARAN	DAY	28	28	0.00	28.00	1,734	1,734	0.00	1,734.00	0.00 %
9060	LEVEL D PROTECTION	DAY	99	99	0.00	99.00	126	126	0.00	126.00	0.00 %
60112	VISQUEEN 24 X 100 4 MIL	ROLL	0	0	18.00	(18.00)	0	0	457.38	(457.38)	0.00 %
60116	POOL LINERS-12,000 GAL	EACH	4	4	1.00	3.00	634	634	158.50	475.50	25.00 %
60117	DUCT TAPE-CLOTH 24/BOX	ROLL	3	3	36.00	(33.00)	8	8	97.20	(89.20)	***. ** %
60132	TRASH BAGS, ROLLED 12RL/B	ROLL	3	3	0.00	3.00	11	11	0.00	11.00	0.00 %
60144	SORBENT DIAPERS	BUND	0	0	5.00	(5.00)	0	0	165.00	(165.00)	0.00 %
62000	MODIFIED LEVEL D PPE	MNDY	41	41	0.00	41.00	902	902	0.00	902.00	0.00 %
62001	83 GALLON STEEL OVER	EACH	145	145	0.00	145.00	9,215	9,215	0.00	9,215.00	0.00 %
64463	VIALS,40 ML CLEAR EPA APP	EACH	207	207	0.00	207.00	271	271	0.00	271.00	0.00 %
66002	GLOVES-SAMPLE 100/BOX 100	EACH	60	60	1,600.00	(1,540.00)	4	4	112.00	(108.00)	***. ** %
66005	GLOVES-NITRILE 144PR/CS 1 PAIR		0	0	420.00	(420.00)	0	0	411.60	(411.60)	0.00 %
66006	GLOVES-PVC 12/BOX 72/CASE PAIR		0	0	102.00	(102.00)	0	0	278.46	(278.46)	0.00 %
66008	GLOVES-CLOTH 24DZ/CS	PAIR	0	0	84.00	(84.00)	0	0	34.44	(34.44)	0.00 %
66010	RAIN SUITS, #1400 LARGE	EACH	0	0	8.00	(8.00)	0	0	34.00	(34.00)	0.00 %
66027	BOOTIES, VINYL 200PR/CASE PAIR		0	0	350.00	(350.00)	0	0	472.50	(472.50)	0.00 %
66030	TYVEK HOODS, DISPOSABLE	EACH	0	0	200.00	(200.00)	0	0	90.00	(90.00)	0.00 %
66046	SARAN SUITS XXX-LG 25/BOX	EACH	0	0	125.00	(125.00)	0	0	1,287.50	(1,287.50)	0.00 %
66049	SARAN SUITS XX-LG 25/BOX	EACH	0	0	175.00	(175.00)	0	0	1,732.50	(1,732.50)	0.00 %
66055	TYVEK SUITS XXX-LG 25/BOX	EACH	0	0	200.00	(200.00)	0	0	510.00	(510.00)	0.00 %
67051	RESPIRATOR CARTRDGE,MSA G PAIR		0	0	284.00	(284.00)	0	0	2,371.40	(2,371.40)	0.00 %
68067	MEANSTREAK 12/BX 144/CS	EACH	0	0	30.00	(30.00)	0	0	46.80	(46.80)	0.00 %
68069	SAMPLE LABELS 500/RL	ROLL	2	2	0.00	2.00	20	20	0.00	20.00	0.00 %
68072	SAMPLE DIP TUBES, 100/BOX	BOX	5	5	0.00	5.00	630	630	0.00	630.00	0.00 %
68090	SAMPLE JARS 8 OZ EPA CLEA	EACH	0	0	48.00	(48.00)	0	0	98.40	(98.40)	0.00 %
68097	SAMPLE JARS 32 OZ. AMBER	EACH	207	207	0.00	207.00	681	681	0.00	681.00	0.00 %
68098	SAMPLE JARS 8 OZ. AMBER	EACH	46	46	0.00	46.00	103	103	0.00	103.00	0.00 %
69097	DRUM OVPK POLY 95 GAL	EACH	15	15	0.00	15.00	1,725	1,725	0.00	1,725.00	0.00 %
69099	DRUM 55 GAL POLY OPEN TOP	EACH	25	25	0.00	25.00	788	788	0.00	788.00	0.00 %
69111	DRUM 17H OPEN TOP W/BUNG	EACH	0	0	2.00	(2.00)	0	0	34.90	(34.90)	0.00 %

Date: 04/12/95 11:16 PTS:PIR01CV 2.310

OHM REMEDIATION SERVICES CORP. - Project Tracking System

Project: 15226 Page No.: 2

Inventory Charge Code - Cost Variance

NFESC

Delivery Order: 0032

Charge		Cost	----- Budget Quantity -----				----- Budget Cost -----				Percent
<u>Code</u>	<u>Description</u>	<u>UOM</u>	<u>Original</u>	<u>Revised</u>	<u>Actual</u>	<u>Variance</u>	<u>Original</u>	<u>Revised</u>	<u>Actual</u>	<u>Variance</u>	<u>Expended</u>
						Grand Total:	25,482	25,482	8,497.10	16,984.90	33.35 %

11.0

## Primavera/Schedule

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REPORT DATE 15APR95 RUN NO. 145

START DATE 04OCT93 FIN DATE 15MAR96

05:31

Schedule Variance Report

DATA DATE 01APR95 PAGE NO. 1

Project Name: MSTR NP32

3208

Activity ID	Description	Base Dur	Curr Dur	Baseline Start	Baseline Finish	Current Start	Current Finish	Start Var	Finish Var	Percent Complete
D201.00	Disposal Mob	1	1	10JUN94	10JUN94	05OCT94A	05OCT94A	-81	-81	100
D201.01	Mob Equipment	1	1	03JAN94	03JAN94	04JAN94A	04JAN94A	-1	-1	100
D201.02	Mob Personnel	1	1	03JAN94	03JAN94	04JAN94A	04JAN94A	-1	-1	100
D201.03	Preconstruction Submittals	20	20	04OCT93	29OCT93	04OCT93A	30DEC93A	0	-44	100
D201.04	Setup Temp Facilities	2	2	04JAN94	05JAN94	04JAN94A	05JAN94A	0	0	100
D201.05	Construct Temp Utilities	1	1	04JAN94	04JAN94	04JAN94A	04JAN94A	0	0	100
D202.06	Sampling Soil/Drums	15	15	02FEB94	22FEB94	04FEB94A	03MAR94A	-2	-7	100
D202.09	Lab Chemical Analysis	21	21	07FEB94	07MAR94	07FEB94A	24AUG94A	0	-121	100
D203.02	Clear & Grub	1	1	10JAN94	10JAN94	10JAN94A	10JAN94A	0	0	100
D203.04	Access Roads	3	3	11JAN94	13JAN94	11JAN94A	13JAN94A	0	0	100
D203.05	Silt & Safety Fence	2	2	06JAN94	07JAN94	06JAN94A	07JAN94A	0	0	100
D203.90	Soil Containment Area	3	3	14JAN94	19JAN94	14JAN94A	18JAN94A	0	1	100
D203.91	Debris Containment Area	3	3	20JAN94	24JAN94	19JAN94A	21JAN94A	1	1	100
D208.01	Trench/Drum Excavation	12	12	01FEB94	16FEB94	31JAN94A	10SEP94A	1	-145	100
D208.05	Cover Soil/Debris Areas	2	2	08MAR94	09MAR94	04AUG94A	03OCT94A	-106	-146	100
D209.06	Liquids Pumping/Collection	4	4	30MAR94	04APR94	18FEB94A	02SEP94A	28	-108	100
D210.01	Drum Operations Area	5	5	25JAN94	31JAN94	24JAN94A	28JAN94A	1	1	100
D210.02	Drum/Tank Collect & Cleaning	10	10	17FEB94	02MAR94	16FEB94A	25FEB94A	1	3	100
D210.90	Cover Drum Storage Area	1	1	03MAR94	03MAR94	16MAR94A	18MAR94A	-9	-11	100
D215.03	Pozzolan Process	2	2	03MAR94	04MAR94	02MAR94A	04MAR94A	1	0	100
D219.02	Transport to Disposal	6	6	13JUN94	20JUN94	17FEB94A	28FEB95A	82	-176	100
D219.03	Disposal Fees & Taxes	1	1	21JUN94	21JUN94	28FEB95A	28FEB95A	-175	-175	100
D220.01	Trench Backfill	2	2	08MAR94	09MAR94	14MAR94A	20SEP94A	-4	-137	100
D220.06	Site Restoration	3	3	21JUN94	23JUN94	07MAR94A	28FEB95A	76	-173	100
D220.06A	Biotreatment Cell	120	250	21MAR95	04SEP95	03APR95	15MAR96	-9	-139	0
D221.00	Remediation Demob	1	1	10MAR94	10MAR94	29NOV94A	12DEC94A	-183	-193	100
D221.01	Remove Temp Facilities	1	1	24JUN94	24JUN94	16MAR94A	18MAR94A	72	70	100
D221.02	Remove Temp Utilities	1	1	24JUN94	24JUN94	16MAR94A	18MAR94A	72	70	100
D221.04	Demob Equipment	1	1	27JUN94	27JUN94	07MAR94A	12DEC94A	80	-116	100
D221.05	Demob Personnel	1	2	27JUN94	27JUN94	16FEB94A	28FEB95A	93	-171	100
D221.06	Post Construction Documents	15	25	28JUN94	19JUL94	01AUG94A	15MAR95A	-23	-167	100
D299.00	Distributive Costs	123	600	04JAN94	24JUN94	05JAN94A	15MAR96	-1	-445	58
D299.04	Disposal Approval	65	65	11MAR94	09JUN94	05OCT94A	02DEC94A	-146	-122	100
D2PC	Preconstruction Meeting	0	0	04JAN94	03JAN94	04JAN94A	04JAN94A	0	-1	100

REPORT DATE 15APR95 RUN NO. 146  
05:31

START DATE 04OCT93 FIN DATE 15MAR96

Budget Cost Analysis

DATA DATE 01APR95 PAGE NO. 1

Project Name: MSTR NP32

Activity ID	Description	BCWS	BCWP	Actual Cost		Budget Cost	Estimate @	
				This Period	To Date		Completion	Variance
D201.00	Disposal Mob	5404	5404	0	184	5404	184	5220
D201.01	Mob Equipment	4904	4904	0	10420	4904	10420	-5516
D201.02	Mob Personnel	2649	2649	0	7516	2649	7516	-4867
D201.03	Preconstruction Submittals	23774	23774	0	25295	23774	25295	-1521
D201.04	Setup Temp Facilities	4691	4691	1232	16209	4691	14977	-10286
D201.05	Construct Temp Utilities	1445	1445	0	4593	1445	4593	-3148
D202.06	Sampling Soil/Drums	20639	20639	0	15627	20639	15627	5012
D202.09	Lab Chemical Analysis	99285	99285	14512	156961	99285	142449	-43164
D203.02	Clear & Grub	1869	1869	0	3795	1869	3795	-1926
D203.04	Access Roads	7602	7602	0	18954	7602	18954	-11352
D203.05	Silt & Safety Fence	5779	5779	0	6132	5779	6132	-353
D203.90	Soil Containment Area	18859	18859	0	20914	18859	20914	-2055
D203.91	Debris Containment Area	17759	17759	0	3377	17759	3377	14382
D208.01	Trench/Drum Excavation	48937	48937	0	60116	48937	60116	-11179
D208.05	Cover Soil/Debris Areas	8438	8438	0	2955	8438	2955	5483
D209.06	Liquids Pumping/Collection	6947	6947	0	4897	6947	4897	2050
D210.01	Drum Operations Area	18933	18933	0	12816	18933	12816	6117
D210.02	Drum/Tank Collect & Cleaning	36719	36719	0	37393	36719	37393	-674
D210.90	Cover Drum Storage Area	2573	2573	0	889	2573	889	1684
D215.03	Pozzolan Process	4417	4417	0	0	4417	0	4417
D219.02	Transport to Disposal	56258	56258	5907	44111	56258	38204	18054
D219.03	Disposal Fees & Taxes	163460	163460	0	0	163460	163460	0
D220.01	Trench Backfill	6603	6603	0	8813	6603	8813	-2210
D220.06	Site Restoration	3872	3872	0	4357	3872	4357	-485
D220.06A	Biotreatment Cell							
D221.00	Remediation Demob	8687	8687	0	0	8687	8687	0
D221.01	Remove Temp Facilities	1220	1220	0	0	1220	1220	0
D221.02	Remove Temp Utilities	278	278	0	0	278	278	0
D221.04	Demob Equipment	4596	4596	0	3987	4596	3987	609
D221.05	Demob Personnel	1978	1978	0	5987	1978	5987	-4009
D221.06	Post Construction Documents	11899	11899	0	2376	11899	2376	9523
D299.00	Distributive Costs	174434	101695	558	189442	174434	190659	-16225
D299.04	Disposal Approval	5853	5853	0	0	5853	0	5853
D2PC	Preconstruction Meeting							
		780761	708022	22209	668116	780761	821327	-40566

Act ID	Orig Dur	Early Start	Early Finish	1995												1996																																								
				APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR																																								
<b>NOTICE TO PROCEED</b>				17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	04	11	18	25	01	08	15
1000	0	17APR95		◆ NOTICE TO PROCEED																																																				
<b>PRE-CONSTRUCTION ACT.</b>																																																								
2000	30	17APR95	26MAY95	■ PLAN PREPARATION																																																				
<b>SITE WORK</b>																																																								
3000	5	30MAY95	05JUN95	■ CELL CONSTRUCTION																																																				
4000	128	06JUN95	05DEC95	■ O & M (13 EVENTS, EACH 4 Hrs.)																																																				
4010	15	06DEC95	27DEC95	■ CONFIRMATORY ANALYSIS																																																				
4020	3	28DEC95	02JAN96	■ CELL DISMANTLING & SOIL DISPOSAL																																																				
<b>FINAL REPORT</b>																																																								
5000	44	03JAN96	04MAR96	■ FINAL REPORT																																																				

OHM REMEDIATION SERVICES CORP.  
DELIVERY ORDER #0032  
TPH SOIL REMEDIATION THROUGH BIO CEL METHOD

004151014