

**FINAL REPORT
FOR
REMOVAL OF SILVER CONTAMINATED
SOIL AND SEDIMENT
NAVAL SURFACE WARFARE CENTER
INDIAN HEAD, MARYLAND**

Prepared for:

DEPARTMENT OF THE NAVY
Contract No. N62470-93-D-3032
Atlantic Division
Naval Facilities Engineering Command
6500 Hampton Boulevard
Building A (South East Wing) 3rd Floor
Norfolk, Virginia 23508

Prepared by:

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May 15, 1995
Delivery Order 0041
OHM Project 16330FR



**OHM Remediation
Services Corp.**
A Subsidiary of OHM Corporation.

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EXECUTIVE SUMMARY

OHM Remediation Services Corp. (OHM), under Delivery Order 0041 from the Atlantic Division of the Department of the Navy, performed a remedial action at the Naval Surface Warfare Center (NSWC), Indian Head, Maryland. The remedial action involved the excavation and removal of 2600 tons of silver contaminated soil from Site #5, an intermittent drainage stream. Removed contaminated soil was transported approximately 10 miles to the Rum Point Annex area of the Indian Head NSWC, and placed in one foot lifts. Underground ("silver contaminated soil") warning tape was placed on top of the silver contaminant soil layer as a warning to future excavation.

Following the placement of the silver contaminated soil, OHM placed a one foot layer of low permeable clay soil to effectively cap the contamination. One foot of common fill material and a minimum six inches of topsoil were placed over the clay cap to the appropriate depth of cover. Prior to the installation of the topsoil cover, excavated stream areas were backfilled using 12 inch lifts of common fill. The project was completed by installing erosion and sediment control measures, and revegetating disturbed areas of the excavated stream channel and the Rum Point Annex.

1.0 INTRODUCTION

OHM Remediation Services Corp. (OHM) was retained by the Department of the Navy, Atlantic Division, under Delivery Order 0041, to remove approximately 2,600 tons of silver contaminated soil and sediment from an intermittent drainage channel located at the Naval Surface Warfare Center (NSWC), Indian Head, Maryland.

To accomplish the removal of the contaminated soil in an environmentally sound manner, OHM constructed erosion and sediment control measures. Erosion and sediment control measures included sedimentation basins, dike construction, silt fencing, and rock construction entrances. Site preparation tasks were required, including the construction of an access road into the site, tree clearing, and grubbing.

The silver contaminated soil from the stream channel was excavated and hauled to the placement site at the Stump Neck Annex at Rum Point. Post-excavation sampling of the stream channel was performed to evaluate the effectiveness of contamination removal. The sampling was conducted by an engineering consultant that was retained by the Navy.

Following excavation and post-excavation sampling, the stream channel and adjacent areas were reconstructed. Restoration included regrading, revegetation, and the removal of the erosion and sediment control devices.

This report will serve as OHM Remediation Services Corp.'s (OHM) Contractor's Close-Out Report. This report includes the following information:

- A summary of the remedial action for removal of silver-contaminated soil at the Naval Surface Warfare Center, Indian Head, Maryland, Delivery Order 0041, Contract No. N62470-93-D-3032.
- A final Health and Safety Report.
- A summary of record documents (Appendix A).
- A description of field changes.
- A summary of chemical and geotechnical testing (Appendix B).
- The Quality Control Summary Report.
- Project photographs documenting site activities (Appendix C).

As Built Drawings are not included (two sets were previously delivered to the Department of the Navy on April 6, 1995).

2.0 SUMMARY OF ACTION

OHM mobilized to the project site on November 21, 1994. OHM personnel and equipment were utilized to excavate approximately 2,600 tons of silver-contaminated soil from Site #5 at the Naval Surface Warfare Center, Indian Head, Maryland. The soil was transported approximately 10 miles to the Rum Point Annex area of the Indian Head NSWC. Once the soil was transported to the designated area at Rum Point, it was placed in one foot lifts on the southern end of the site. As the soil was being excavated at Site #5, Halliburton NUS personnel obtained post excavation soil samples to confirm that the remaining soil in the removal area had a concentration of less than 10 ppm total silver (the site action level).

As the silver-contaminated soil was being placed at Rum Point, OHM personnel made three separate attempts to compact the soil using a sheeps foot roller, and one attempt using a smooth drum roller. All attempts to compact the soil failed due to high moisture content and high organic content of the silver-contaminated soil.

The OHM site superintendent informed the ROICC office about the problems associated with soil compaction. The ROICC office instructed OHM to proceed without using a roller to compact the soil, but to traverse the material, using the D-6 bulldozer, to achieve the best level of compaction possible.

Once the silver-contaminated soil was placed, OHM placed and spread one foot of low permeability soil (clay) over the silver-contaminated soil. The clay was followed by one foot of common fill and six inches of topsoil. The imported common fill was supplemented by common fill that had been staged at Site #8 and was left over from a previous project. An underground warning tape that indicated "silver contaminated soil" was placed on top of the contamination layer. This tape will serve as a warning in case future activities disturb this area.

Once all post excavation samples at Site #5 had been analyzed, and all results showed levels of total silver less than 10 ppm (two samples came back above 10 ppm, and OHM reexcavated those areas, followed by a second post excavation sample), OHM began to import common fill and place the same in one foot lifts.

Once all common fill was placed, the site was graded to provide positive drainage from Building 1135 down to the sediment basin at the southern end of the site. OHM imported and placed six inches of top soil over all disturbed areas at Site #5.

At this time, OHM requested and was granted permission to hand spread winter rye grass over all disturbed areas at both Site #5 and Rum Point. Upon completion of the placement of grass seed, OHM personnel deployed permanent erosion control matting in the swale at Site #5 and on the front slope of the placement area (Rum Point). OHM also deployed temporary erosion control matting (Curlex) over all other disturbed areas.

At this point, OHM held a final walk-through inspection and obtained a punch list. OHM demobilized off site on January 27, 1995 after completing non-weather related punch list items. All remaining punch list items will be completed by May 1995.

OHM also completed field change items of work (see Section 5.0 of this report).

3.0 FINAL HEALTH AND SAFETY REPORT

The project was conducted to minimize the exposure of workers to any contaminated soils, or other hazards associated with the project location. Personal protective equipment was used to prevent exposure to contaminated materials and to help prevent insect bites and contact with irritant plant matter (poison ivy). Site specific Job Safety Analyses (JSAs) were prepared to help workers identify all hazards associated with each task, including soil removal, sampling, transport, placement, capping, and site restoration.

Safety meetings were conducted each day at the site location to discuss the daily tasks and any new or changing conditions that affect site safety. During the safety meeting, the previous day's Safety Observer would give a brief report on any unsafe acts or conditions observed by him/her. If new tasks were starting, the JSAs for those tasks were discussed with the workers involved with that part of the site activities.

OHM's Northeast Region Health and Safety Department has developed a program of Safety Observation to involve all of its field employees in the safety of their project site. Each worker takes a turn in the process. Twice each day, the safety observer takes 10 minutes to inspect his/her work area, looking for unsafe conditions or unsafe acts around it. This process of looking for hazards raises the safety consciousness of workers, enabling them to make safety part of their working habits.

One incident was reported during the course of the project. An individual was carrying branches or roots, cleaning up small materials from clearing operations. As he did so, he contacted some poison ivy. He was treated promptly and returned to his work duties without any medical restriction or loss of time.

The concerns were primarily insects and plants in the work location. Silver was the only chemical substance of concern during the remediation activities.

There was no significant air monitoring associated with the project. OHM was prepared to monitor for airborne dust. However, the sediments of concern were wet, even during placement and compaction. The sediments generated no dust, therefore eliminating the need to perform airborne particulate monitoring.

4.0 SUMMARY OF RECORD DOCUMENTS

The summary of record documents includes the following:

- Daily reports to inspector
- List of transportation vehicles' net weights
- Minutes of progress meetings
- Memoranda from the OHM superintendent to the ROICC office
- MDE Field Investigation Report

See Appendix A for record documents.

5.0 FIELD CHANGES

The following is a list of items performed by OHM which were outside the initial scope of the project:

Change	Description	Reason for Change & Result
Removal of silver fix tank	Disconnected, removed, and restaged one 300 gallon poly tank.	Requested by USN/performed.
Excavation of "black" soil	Excavated, by hand, approximately 22 cy of contaminated soil. This task included the removal of one section of interlocking fence, removal of one 10 foot section of four inch concrete, removal and staging of approximately 600 gallons of standing water, the importation of additional stone for backfilling and the construction of a temporary wooden sidewalk	High level of silver contamination/ post excavation analysis showed levels of total silver below the site action level.
Excavation of additional soil due to debris	Additional soil was excavated at two different locations on the lower end of Site #5 (approximately 100 tons).	Two areas were excavated because debris was discovered under the limits of the excavation/the debris was placed at Rum Point
Excavation of additional soil due to post excavation results	Additional soil was excavated at two different locations on the lower end of site #5 (approximately 500 tons)	Two areas were excavated because post excavation results came back higher than the site action levels/soil was removed and a second round of post excavation analysis came back clean

6.0 FINAL DOCUMENTS

A brief description of the final documents that are attached with this report are located below.

6.1 SUMMARY OF CHEMICAL AND GEOTECHNICAL TESTING

Chemical Testing

All chemical analytical tests were performed by the Navy-retained engineering firm of Halliburton NUS (i.e., post excavation analysis for total silver, waste characterization analysis of black soil, and water analysis).

Geotechnical Testing

Due to the nature of the subgrade at Site #5 and the nature of the modified subgrade (silver-contaminated soil) at Rum Point, no compaction standards could be met as listed in the original project specifications. This was discussed with the ROICC office during two separate progress meetings. To verify that compaction specifications could not be met, OHM conducted in field Nuclear Densometer tests at Rum Point, the results of which are listed in Appendix B.

7.0 QUALITY CONTROL SUMMARY REPORT

All imported items used during the Silver Creek project passed the Quality Assurance/Quality Control standards established for this project. Information documenting the QA/QC submittals is contained in Appendix A of this report. Also included is a copy of the submittal register.

APPENDIX A
RECORD DOCUMENTS

DAILY REPORT TO INSPECTOR				DATE 11-22-94	
CONTRACT NO. 93-0305		TITLE AND LOCATION REMOVAL OF SILVER		REPORT NO. 2	
CONTRACTOR (Prime or Subcontractor) OHM			NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY		
WEATHER Clear (ground wet from previous rain)			TEMPERATURE 52	°F	
WEATHER EFFECTS N/A					
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED	
NUMBER	TRADE	HOURS	EMPLOYER		
1	Super	8	OHM	Surveying Area of excavation and setting up access zones	
1	Foreman	8	OHM		
1	Equip op	8	OHM		
2	Laborers	8	OHM		
1	Surveyor	8	OHM		
TOTAL WORK HOURS ON JOB SITE THIS DATE		48.0	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED		
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		44.5			
TOTAL WORK HOURS FROM START OF CONSTRUCTION		92.5			
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED					
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE	
/	/	/	/	/	
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>					
DESCRIPTION			HOURS WORKED	HOURS IDLED	
VAN(S)			1 DAY		
PU			1 DAY		

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
/	/
/	/
/	/
/	/

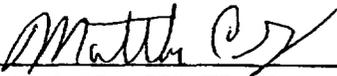
DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
Monument B @ site had N/E coordinates transversed on the site plan	/	/
/	/	/
/	/	/

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
/	/	/
/	/	/
/	/	/

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECIEVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
/	/	/	/
/	/	/	/
/	/	/	/

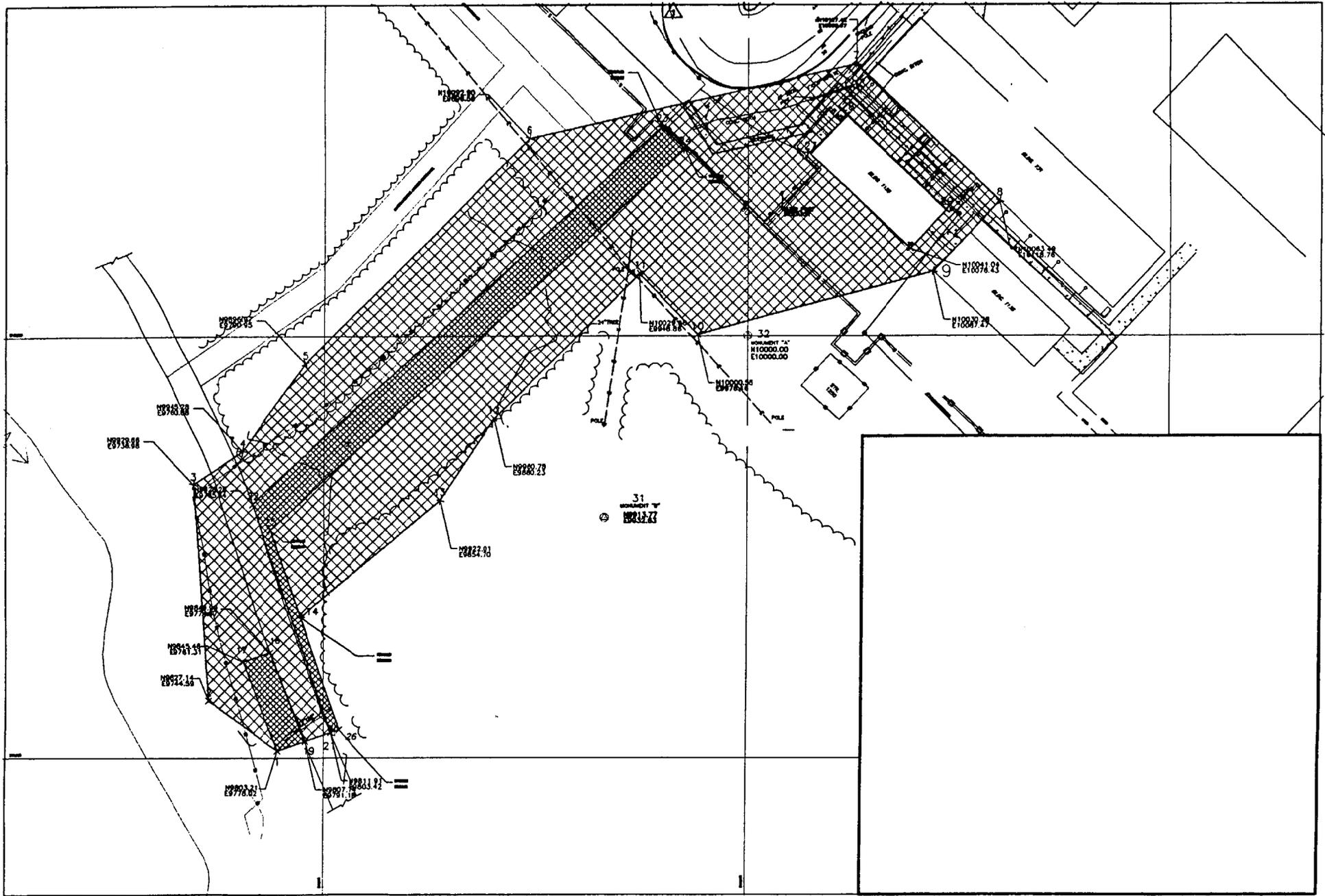
REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Survey Complete mty scheduled for 11-23-94 @ 9AM

 11/22/94
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE



e: B:\16330.CR5

POINT	NORTHING	EASTING	ELEVATION	NOTE
1	9803.2127	9778.0237	0.0000	1FT.
2	9827.1388	9744.5872	0.0000	1FT.
3	9929.3338	9737.0008	0.0000	1FT.
4	9945.2844	9760.8838	0.0000	1FT.
5	9986.9659	9790.9473	0.0000	1FT.
6	10092.8978	9896.5631	0.0000	1FT.
7	10127.3458	10050.6533	0.0000	1FT.
8	10063.4871	10118.7565	0.0000	1FT.
9	10030.0592	10086.6277	0.0000	1FT.
10	10000.5495	9976.1598	0.0000	1FT.
11	10029.5572	9948.8626	0.0000	1FT.
12	9960.7800	9880.2296	0.0000	1FT.
13	9921.8520	9854.5104	0.0000	1FT.
14	9867.5287	9790.0398	0.0000	1FT.
17	9845.4593	9761.3064	0.0000	2FT.
18	9849.9887	9774.4656	0.0000	2FT.
19	9807.7421	9791.1829	0.0000	2FT.
21	9811.9144	9803.4248	0.0000	2FT.
22	9920.2772	9765.8358	0.0000	2FT.
23	10098.4162	9959.3552	0.0000	2FT.
24	10087.9116	9970.0562	0.0000	2FT.
25	9908.0359	9774.5897	0.0000	2FT.
26	9813.2184	9807.4083	0.0000	2FT.
27	10085.4000	10029.7670	0.0000	BLDG
28	10103.5830	10047.0140	0.0000	BLDG
29	10059.2300	10093.6780	0.0000	BLDG
30	10041.0470	10076.4310	0.0000	BLDG
31	9913.7700	9932.6300	31.7200	MON-B
32	10000.0000	10000.0000	32.6200	MON-A

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
/	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A	/	/

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
/	/	/

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
/	/	/	/

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)


 CONTRACTOR/SUPERINTENDENT

11/28/94
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE 11-29-94
CONTRACT NO. 93-0305		TITLE AND LOCATION REMOVAL OF SILVER		REPORT NO. 5
CONTRACTOR (Prime or Subcontractor) OHM			NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY	
WEATHER Clear			TEMPERATURE 50 °F	
WEATHER EFFECTS Silver creek still very wet				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	Supervisor	9	OHM	Orientation of personnel & mobilization of heavy equipment. Review of site Health & Safety Plan and Tool box mtg.
1	Proj. Asst.	9	OHM	
1	E.O.	3 1/2	OHM	
2	Labors	2 3/4	OHM	
TOTAL WORK HOURS ON JOB SITE THIS DATE			27	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT			187	
TOTAL WORK HOURS FROM START OF CONSTRUCTION			214	
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION			HOURS WORKED	HOURS IDLED
1 VAN			1 DAY	
1 CAR			1 DAY	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
/	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A	/	/

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
/	/	/

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
/	1- Track Hoe (225) 1- Track loader	/	/

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Safety permit signed today by Wm. Grae


11/29/94
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN		
/	N/A		
DEFICIENCIES CORRECTED THIS DATE		REFERENCE	
/		REPORT NO.	COMPLIANCE NOTICE NO.
N/A			
INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING	
/	/	/	
SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
/	1- Ditch witch excavator	/	/
REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)			
<p>M.G. discussed the Health hazards associated w/ Silver</p> <p style="text-align: right;"> <u>Matthew A. G.</u> <u>11-30-94</u> CONTRACTOR/SUPERINTENDENT DATE </p>			
CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT			
<p style="text-align: right;"> _____ CONSTRUCTION REPRESENTATIVE DATE </p>			

DAILY REPORT TO INSPECTOR

DATE 12-1-94

CONTRACT NO. 93-0305 TITLE AND LOCATION REMOVAL OF SILVER REPORT NO. 7

CONTRACTOR (Prime or Subcontractor) OHM NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY

WEATHER Clear TEMPERATURE 55 °F
 WEATHER EFFECTS N/A

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (If space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	Supervisor	9 1/2	OHM	Safety mtg held RE: Slips, trips & Falls
1	PA	9 1/2	OHM	Building of Access road, marking
1	Foreman	9 1/2	OHM	trees to be removed, Building of
2	E.O.	9	OHM	Staging area for trailers, Installation
4	Labourer	9	OHM	of pin flags to mark out excavation
1	Electrician	2 1/2	OHM	area, disconnection of trailer, Electrician
				disconnects trails

TOTAL WORK HOURS ON JOB SITE THIS DATE	85	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES". A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	289.5	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	374.5	

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY
 (This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
1 VAN	1 DAY	
1 CAR	1 DAY	
1 PU	1 DAY	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
/	N/A

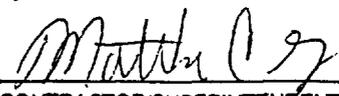
DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A	/	/

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
/	/	/

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
/	- 188 Tons of 2" Stone - 2 - 20' lengths of culvert piping		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Cable T.U. inspector showed up to mark utilities - gave clearance to excavate
 SSA called for 2nd time to get approval to excavate


 CONTRACTOR/SUPERINTENDENT

12-1-94
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

Date: 12-1-94 Time: 10:30

Project Number: 16330

Subject: Overtime for Silver Creek #16330

Project: Silver Creek

<input type="checkbox"/> Phone Call From	<input checked="" type="checkbox"/> Phone Call To
<u>Jim Behrend</u>	
Name	
<u>US NAVY</u>	
Company	
<u>743-4112</u>	
Phone Number	

<input type="checkbox"/> Meeting	Location _____
<u>Attendee</u>	<u>Organization</u>

Remarks:

M. Casey of OHM received approval to perform overtime work on the Silver Creek. Jim Behrend Agreed that it would be practical due to the potential for Eviction weather

Matt Casey

C: Jim Behrend

Date: 12-2-94 Time: 0800

Project Number: 16330

Subject: minutes of mtgs w/ Clients

Project: Silver creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input checked="" type="checkbox"/> Meeting	Location <u>Clients offices</u>
<u>M</u>	
Attendee	Organization
<u>M. Geary</u>	<u>OHM</u>
<u>B. Grue</u>	<u>US NAVY</u>
<u>T. Boyd</u>	<u>US. NAVY</u>

Remarks:

T. Boyd told M.G. that After 3:00 pm the gates between bldgs (hand excavation area) will be unlocked and OHM will be able to work in that area

B. Grue gave M.G. A Casting schedule for Dec. He said we will not be able to work on 12-16-94 until after 1 pm. We ~~will~~ may not be able to work on 12-14 and 12-15 M.G. must check w/ T. Boyd on those mornings to see if trimming is taking place.

C: Jim Behrend

NOVEMBER 1994
 SU MO TU WE TH FR SA
 1 2 3 4 5
 6 7 8 9 10 11 12
 13 14 15 16 17 18 19
 20 21 22 23 24 25 26
 27 28 29 30

300-Gallon
 MIX SCHEDULE

JANUARY 1995
 SU MO TU WE TH FR SA
 1 2 3 4 5 6 7
 8 9 10 11 12 13 14
 15 16 17 18 19 20 21
 22 23 24 25 26 27 28
 29 30 31

DECEMBER 1994

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
				1 MK107	2 SAGGER SAM	3	
4		5	6	7	8 A/F BLEND 3292 AB. ?	9 XXXXXXXXXX SR121 (15)	10
11		12	13 BINDER PRE-MIX MK64	14 MK14	15 IN 731	16 MK125	17
18		19	20 HMX COATINGS MK125	21	22 MK107 LINER	23 INERT MK64 MIX PBKN-106	24
25		26 HOLIDAY OFF	27 HOLIDAY OFF	28	29	30	31

TAMMY 4771
 Debbie 4740 PEOPLE STREET

MK 122

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
	The elevations shown on the site drawings @ Rm PT differ from actual elevations in the field (see AS built)

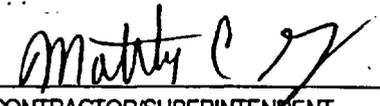
DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
Site survey @ Rm PT	Rm PT.	2'-3' variance in existing elevations when compared to plans

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	BCY Dump truck		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Progress mtg. scheduled for 12-9-94 10AM

 12-6-94
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

Date: 12-6-94 Time: 0730

Project Number: 16330

Subject: Progress mty schedule

Project: Silver Creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input checked="" type="checkbox"/> Meeting	Location <u>OHM trailer Bldg 731</u>
Attendee	Organization
<u>M. Geary</u>	<u>OHM</u>
<u>S. Hudson</u>	<u>OHM</u>
<u>S. Phillips</u>	<u>US. NAVY (optional)</u>
<u>J. Behrend</u>	<u>US. NAVY (optional)</u>
<u>T. Symalla</u>	<u>US. NAVY (optional)</u>

Remarks:

OHM will hold progress mtgs. for the silver creek project on the following dates:

12-9-94 1000 AM

12-21-94 3:00 PM

1-6-95 10:00 AM

If you would like to attend these mtgs. please notify MATT Geary @ 301-743-3364

Thank you

Matt

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	The fire and police departments showed up on site to inspect the site for matches. Matches were found as a result OTHM has lost its smoking privileges

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
Jeff Bosard inspected site today	inspection for SEC measures	Jeff told M.G. that silt fence needs to be installed on the SW side of the site the state plan does not call for silt fence here

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	<ul style="list-style-type: none"> - 963 (equal) Front End loader - wood chipper - 1 roll geotext fabric - 1 D-5 Dozer 		

REMARKS (Include directions received from FOICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

M.G. called for post ex sampling on Mon 12-5-94 still waiting response


 CONTRACTOR/SUPERINTENDENT 12-7-94
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE 12-8-94
CONTRACT NO. 93-0305		TITLE AND LOCATION REMOVAL OF SILVER		REPORT NO. 12
CONTRACTOR (Prime or Subcontractor) OHM			NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY	
WEATHER			TEMPERATURE _____ OF _____	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	Super	11 1/2	OHM	Chipping of brush / excavation of upper and outside fence / setting up Erosion control @ Run Pt. / Hand excavation at Bldg 731
1	Foreman	11 1/2	OHM	
1	PA	11 1/2	OHM	
3	EO	11 1/2	OHM	
4	Laborer	11 1/2	OHM	
TOTAL WORK HOURS ON JOB SITE THIS DATE			115	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT			702.5	
TOTAL WORK HOURS FROM START OF CONSTRUCTION			817.5	
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
/	/	/	/	/
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION			HOURS WORKED	HOURS IDLED
VANS (2)			1 DAY	
PV (1)			1 DAY	
CMA (1)			1 DAY	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	N/A

SPEC PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	≈ 60 TONS of 2" Stone @ RM PT		
	≈ 60 gallons of diesel		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)


 CONTRACTOR/SUPERINTENDENT

12-8-94
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES <i>(Materials, Equipment, Safety, and/or Workmanship)</i> ACTION TAKEN OR TO BE TAKEN
	See notes Attached

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
verbal approval given for		
Variance in permanent casing		
Control matting		

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB <i>(Description, Sizes, Quantity)</i>	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED

REMARKS *(Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)*


 CONTRACTOR/SUPERINTENDENT

12-9-94
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

PROGRESS MTG AGENDA

ATTENDEES:

DATE: 12-09-94

(USN) LT Jim Croom Tom Symalla (USN)
(USN) Jim Bechard Dave Brown (USN)
(USN) Shawn Phillips MAH Genzy (OITM)
(RUS) Robin Summerhill Steve Hudson (OITM)
(USN) John Woodburn Vince Shickus (RUS)

1- PRODUCTION PROGRESS

MATT

M.G. displayed map which showed all mens excavated to date

2- FINANCIAL PROGRESS

STEVE

M.G. & S.H. informed group that up to Wed 12-7-94 most items were below budget when compared to Item progress

3- VARIANCE TO SPECS ET AL.

MATT

M.G. explained that it may be necessary to excavate more than spec'd

3A- COMPACTION OF SILVER CONTAMINATED SOIL

- All parties were informed that the compaction spec called for on the silver contaminated soil could not be met due to the nature of the soil. All parties agreed that this should not be a problem due to the fact the site will be developed

3B- CONTRACTORS LAY DOWN AREA

M.G. informed group that silt fence was not placed at the contractors lay down area because we are not able to store in the lay down area shown in the specs.

3C- ACCESS TO RMPT

It was agreed that OITM can access the Rmpt site from the upper end.

3D- INSTALLATION OF ADDITIONAL SILT FENCE

M.G. was informed that OITM did not have to put silt fence in the SW side of the site as discussed w/ J. Busard

4- EXPECTED PROGRESS (NEXT TWO WKS)

MATT

M.G. informed group that the project should be complete (field work only) by 1-13-94 (bearing unforeseen events which negatively impact progress)

5- Seeding -

Seeding will not take place until spring 1995

DAILY REPORT TO INSPECTOR				DATE 12-10-94
CONTRACT NO. 93-0305		TITLE AND LOCATION REMOVAL OF SILVER		REPORT NO. 14
CONTRACTOR (Prime or Subcontractor) OHM			NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY	
WEATHER Rain			TEMPERATURE _____ °F	
WEATHER EFFECTS _____				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	Foreman	4 1/2	OHM	Hand excavation between bldgs.
1	E.O.	4 1/2	OHM	
3	Laborers	4 1/2	OHM	
TOTAL WORK HOURS ON JOB SITE THIS DATE		22.5	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		895		
TOTAL WORK HOURS FROM START OF CONSTRUCTION		917.5		
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION			HOURS WORKED	HOURS IDLED
1 Van			1 DAY	
1 PV			1 DAY	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
/	/
/	/
/	/
/	/

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
/	/	/
/	/	/
/	/	/
/	/	/

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
/	/	/
/	/	/
/	/	/
/	/	/

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
/	/	/	/
/	/	/	/
/	/	/	/

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

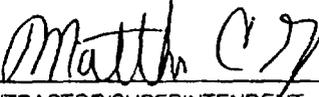

 CONTRACTOR/SUPERINTENDENT

12-10-94
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE 12-12-94
CONTRACT NO. 93-0305		TITLE AND LOCATION REMOVAL OF SILVER		REPORT NO. 15
CONTRACTOR (Prime or Subcontractor) OHM			NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY	
WEATHER Clear		TEMPERATURE 30 °F		
WEATHER EFFECTS Water frozen in excavation				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	Supervisor	11 1/2	OHM	Excavation continues in lower end of site. / OHM was asked to remove silver tank on 12-8-94 MG of OHM said he would at no charge to customer / Tank pH is tested / hand excavation continues
1	Foreman	11 1/2	OHM	
1	P.A.	11 1/2	OHM	
4	E.O.	11 1/2	OHM	
4	Labourers	11 1/2	OHM	
TOTAL WORK HOURS ON JOB SITE THIS DATE		126.5	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		917.5		
TOTAL WORK HOURS FROM START OF CONSTRUCTION		1044		
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION			HOURS WORKED	HOURS IDLED
VMS 2			1 DAY	
PV 1			1 DAY	
CRA 1			1 DAY	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN		
	N/A		
DEFICIENCIES CORRECTED THIS DATE		REFERENCE	
		REPORT NO.	COMPLIANCE NOTICE NO.
		/	/
INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING	
PH of silver solution tank is measured	Tank removal	Ph = 5	
SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	Approx 85 gallons of fuel		
REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)			
<div data-bbox="954 1476 1554 1595">  12-12-94 CONTRACTOR/SUPERINTENDENT DATE </div>			
CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT			
<hr/> CONSTRUCTION REPRESENTATIVE DATE			

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN		
	OTM was not able to get proctor run on silver contaminated soil due to the lack of homogeneity of material until excavated. This resulted in a change of Plans in Compaction testing for the silver contaminated soil. Lt Cronin & J. Behard said we can place and roll the lifts and go back later and do compaction tests via test pits		
DEFICIENCIES CORRECTED THIS DATE		REFERENCE	
		REPORT NO.	COMPLIANCE NOTICE NO.
INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT		LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	6- 16CY Dump trucks		
	2- Portable scales		
	1- 06 (equal) Dozer		
	60- Ton's #2 Stone (20 to 25 ft)		
REMARKS (Include directions received from ROICC/AOICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)			
<p>visitors to site: Commander Chase, Sue Adams, Tom Symalla (NAVY) Kevin Duvell, Tony Klimek (NUS)</p> <p>Note: Commander Chase said "the site looks good, keep up the good work"</p> <p>mtg: scheduled for 0900 12-14 w/ ROICC</p>			
CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT		<p>Matthew C. [Signature]</p> <p>CONTRACTOR/SUPERINTENDENT</p>	<p>12-13-94</p> <p>DATE</p>
		CONSTRUCTION REPRESENTATIVE DATE	

Note: M Geary spoke to Lt Cramer of the ROICC office today to inform him that the quantity of soil which will be excavated from site #5 will not be sufficient to get to the final elevations shown on the drawings if we want to maintain the slopes shown on the drawings. MG has set up a mtg w/ The ROICC office for 12-14-94 to discuss this topic.

Note: At 1800 M Geary discussed the progress at RM PT w/ The Bulldozer operator. It is very difficult if not impossible to spread the silver contaminated soil in 8" lifts because it squeezes from side to side when we push it. We need to stabilize the material ~~off~~ place in higher lifts.

Trans log

①

SILVER CREEK # 16330

DATE 12-13-94

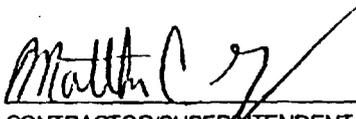
* - out
mission

OAD	TRK #	LOAD WT.	EMPTY WT.	NET WT. (TONS)
1	1	63,000	27860	17.57
2	2	67,000	26760	20.12
3	3	65,000	26000	21.00
4	4	66,600	27034	19.78
5	1	64,000	27860	18.07
6	2	67,000	26760	20.12
7	4	65,000	27034	18.98
8	5	26,000	13,000	6.5
9	1	68,000	27860	20.07
10	2	63,000	26760	18.12
11	4	62,500	27034	17.73
12	5	28,000	13,000	7.5
13	6	65,000	23,680	20.66
14	7	64,800	23,400	20.7
15	3	61,500	26000	17.75
16	1	64,400	27860	18.27
17	2	62,000	26,760	17.62
18	4	61,500	27,034	17.23
19	5	27,400	13,000	7.2
20	3	57,000	25000	15.5
21	6	67,500 78,500	23,680	27.4
22	7	67,500 63,600	23,400	20.1
23	1	62,000	27860	17.07
24	2	59,000	26,760	16.12
25	4	59,000	27034	15.98
26	5	29,000	13,000	8.0
27	3	64,200	26,000	19.1

SILVER CREEK # 16330

DATE 12-13-94

LOAD	TRK #	LOAD WT.	EMPTY WT.	NET WT.
28	6	58,000	23,680	17.16
29	7	52,000	23,400	14.3
30	1	50,000 50,000	27,860	11.07
31	2	56,000	26,760	14.62
32	4	52,000	27,034	12.48
33	5	28,400	13,000	7.7
34	3	62,000	26,600	18.0
35	4	62,500	27,034	17.88
36	2	62,100	26,760	17.92
37	1	63,200	27,860	17.67
38	5	28,000	13,000	7.5
<hr/>				
621.56				TONS
<hr/>				

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN		
	Compaction of Silver Contaminated soil at PM PT can not be done in 8" lifts (see attached notes)		
DEFICIENCIES CORRECTED THIS DATE		REFERENCE	
		REPORT NO.	COMPLIANCE NOTICE NO.
Compaction variance addressed in attached notes			
INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING	
Silver Contam. Soil sent out for Proctor			
SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	1- 66" Vibratory Roller		
REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)			
<div style="text-align: right; margin-right: 100px;">  CONTRACTOR/SUPERINTENDENT </div> <div style="text-align: right; margin-right: 50px;"> 12-14-94 DATE </div>			
CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT			
<div style="text-align: right; margin-right: 100px;"> _____ CONSTRUCTION REPRESENTATIVE </div> <div style="text-align: right; margin-right: 50px;"> _____ DATE </div>			

Date: 12-14-94 Time: 0900Project Number: 16330Subject: RMPT Placement of SoilProject: Silver Creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input checked="" type="checkbox"/> Meeting	Location <u>RUCC office</u>
Attendee	Organization
<u>M. Geary</u>	<u>OHM</u>
<u>K. Kukkonen</u>	<u>OHM</u>
<u>J. Croom</u>	<u>USN</u>
<u>J. Behrend</u>	<u>USN</u>

Remarks:

Problem(s) presented: (1) The amt of material being removed from silver creek will not be sufficient to both fill the hole at RMPT to the specified elevations and create the specified final grades. This is partly due to the wetness of the material as well as the low quantity.

Resolution: All parties agreed that it would be permissible to place the contaminated soil such that it follows the existing foot print of the hole. (this will work because future use for the hole will be non haz borrow material) i.e. final elevations as specified do not have to be met

over

Remarks:

Problems Presented (2) The silver contaminated soil is very wet w/ a high organic content therefore it will not compact (one sheeps foot roller keeps getting stuck)

Resolution: All parties agreed that spreading the soil in lifts as close to 8" as possible but w/ a variance to allow for slushing would be acceptable. All parties also agreed that the dozer should be used to achieve what ever compaction percentage is possible

Action Steps and Person Responsible: _____

Copies to: _____

Signed: _____

Transportation log

①

SILVER CREEK # 16330DATE 12-14-94

LOAD	TRK #	LOAD WT.	EMPTY WT.	NET WT.
1	4	55,400	27,034	14.18
2	1	60,000	27,860	16.07
3	2	62,800	26,760	18.02
4	5	28,000	13,000	7.5
5	3	56,000	26,000	15.
6	5	27,000	13,000	7.0
7	1	57,600	27,860	14.87
8	2	59,600	26,760	16.42
9	3	56,600	26,000	15.3
10	5	28,000	13,000	7.5
11	1	65,400	27,860	18.77
12	2	58,600	26,760	15.92
13	3	52,400	26,000	13.2
14	4	58,000	27,034	15.48
15	1	62,400	27,860	17.27
16	5	23,600	13,000	5.3
17	2	62,000	26,760	17.62
18	3	58,200	26,000	16.1
19	2	61,000	26,760	17.12
20	5	27,200	13,000	12.95
21	3	59,400	26,000	16.70
22	5	22,600	13,000	4.80
23	2	61,600	26,760	17.42
24	3	57,300	26,000	15.65
25	4	63,300	27,034	18.13
26	2	66,200	26,760	19.72
27	5	22,900	13,000	4.95

DAILY REPORT TO INSPECTOR

DATE
12-15-94

CONTRACT NO. *93-0305* TITLE AND LOCATION *REMOVAL OF SILVER* REPORT NO. *18*

CONTRACTOR (Prime or Subcontractor) *OHM* NAME OF SUPERINTENDENT OR FOREMAN
MATT GEARY

WEATHER *Overcast (AM) / Sunny (PM)* TEMPERATURE *40* °F

WEATHER EFFECTS *Ground remains saturated regardless of weather*

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
<i>1</i>	<i>Supra</i>	<i>10</i>	<i>OHM</i>	<i>Load out of soil to RM PT / hmc</i>
<i>1</i>	<i>Foreman</i>	<i>10</i>	<i>OHM</i>	<i>excavation between bldgs / spread and</i>
<i>1</i>	<i>PA.</i>	<i>10</i>	<i>OHM</i>	<i>place silver soil at RM PT. / Building</i>
<i>3</i>	<i>E.O.</i>	<i>10</i>	<i>OHM</i>	<i>of secondary containment for fuel oil</i>
<i>1</i>	<i>Laborer</i>	<i>7 1/2</i>	<i>OHM</i>	<i>trucks / 665 tons transported today</i>
<i>1</i>	<i>Laborer</i>	<i>7 1/2</i>	<i>OHM</i>	
<i>1</i>	<i>Laborer</i>	<i>8</i>	<i>OHM</i>	
<i>1</i>	<i>E.O.</i>	<i>10 1/2</i>	<i>OHM</i>	

TOTAL WORK HOURS ON JOB SITE THIS DATE	<i>93.5</i>	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	<i>1396.5</i>	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	<i>1390</i>	

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED

DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
<i>/</i>	<i>/</i>	<i>/</i>		<i>/</i>

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
<i>VANS (2)</i>	<i>107</i>	
<i>PU (1)</i>	<i>107</i>	
<i>ONE (1)</i>	<i>107</i>	

Date: 12-15-94 Time: 1500

Project Number: 16330

Subject: VARIOUS NOTES

Project: Silver Creek

<input checked="" type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name <u>VARIOUS</u>	
Company _____	
Phone Number _____	

<input type="checkbox"/> Meeting	Location _____
Attendee	Organization
_____	_____
_____	_____
_____	_____

Remarks:

Convvo w/ Tom Symalla RE: Entrance to Rm PT Tom Symalla

Informed M. Geney that J. Bosard wanted to know why OHM trucks were entering Rm PT at the bottom instead of the top of the pit. M Geney informed T. Symalla that the trucks were sliding when dumping the loads and the wetness of the material prevented the trucks from releasing their whole load without spilling some on the road. M. Geney told T. Symalla that he felt it was safer for personnel and the environment to enter via the construction entrance at the bottom of the site.

Convvo w/ Jim Behrend RE: 1- Change of scope for digging under the silver fix tank (back round- OHM removed the silver fix tank between bldgs T31 & 1135 this was done at the request of Environmental. One additional post ex sample was taken at this spot. The results of the sample were

over ->

Transportation log

SILVER CREEK # 16330

DATE 12-15-94 ①

LOAD	TRK #	LOAD WT.	EMPTY WT.	NET WT.	
1	7	69,600	28,000	41,600	20.8
2	2	61,400	26,760	34,640	17.32
3	1	56,800	23,260	33,540	16.77
4	4	54,600	23,400	31,200	15.6
5	3	56,800	26,000	30,800	15.4
6	6	63,800	23,500	40,300	20.15
7	5	27,600	13,000	14,600	7.3
8	1	58,000	23,260	34,740	17.37
9	2	59,000	26,760	32,240	16.12
10	7	57,200	28,000	29,200	14.6
11	3	55,200	26,000	29,200	14.6
12	4	58,600	23,400	35,200	17.6
13	6	60,400	23,500	36,900	18.45
14	5	29,000	13,000	16,000	8.
15	2	59,800	26,760	33,040	16.32
16	7	65,600	28,000	37,600	18.8
17	1	57,600	23,260	34,340	17.17
18	4	54,000	23,400	30,600	15.3
19	3	56,600	26,000	30,600	15.3
20	6	61,300	23,500 23,400	37,800	18.9
21	5	28,400	13,000	15,400	7.7
22	2	56,400	26,760	29,640	14.8
23	7	57,400	28,000	29,400	14.7
		69,000	23,260 23,400	45,600 45,600	22.8
25	3	60,800	26,000	34,800	17.7
26	1	58,400	23,260	35,140	17.57
27	4	54,200	23,400	30,800	15.7

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

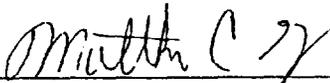
DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
Test pit dug at upper end of excavation (See AS built)	test pit revealed 6' (deep) of very loose wet soil (sandy)	

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	1-Bobcat sweeper		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

The loose soil in the upper end will be an impediment to meeting compaction specs.


12/16/94
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

SILVER CREEK # 16330

DATE 16 Dec 94

LOAD	TRK #	LOAD WT.	EMPTY WT.	NET WT.	÷ 2000
1	7	58,600	26,740	31,860	15.93
2	5	24,000	13,000	11,000	5.5
3	3	60,200	24,060	36,140	18.07
4	1	57,000	23,680	33,320	16.66
5	4	58,200	23,400	34,800	17.4
6	7	63,100	26,740	36,360	18.18
7	5	20,200	13,000	7,200	3.6
8	3	60,200	24,060	36,140	18.07
9	4	62,500	26,740	35,760	17.88
10	1	61,400	23,680	37,720	18.86
11	7	63,400	26,740	36,660	18.33
12	5	22,000	13,000	9,000	4.5
13	3	61,800	24,060	37,740	18.87
14	1	60,600	23,680	36,920	18.46
15	4	61,500	26,740	34,760	17.38
16	7	61,800	26,740	35,060	17.53
17	5	23,000	13,000	10,000	5
18	3	58,200	24,060	34,140	17.07
19	1	61,200	23,680	37,520	18.76
20	4	62,000	26,740	35,260	17.63
21	7	52,000	26,740	25,260	12.63
22	3	59,200	24,060	35,140	17.57
23	1	58,900	23,680	35,220	17.61
24	4	60,000	26,740	33,260	16.63
25	5	21,000	13,000	8,000	4
					204.75

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	N/A

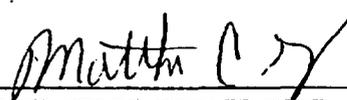
DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A	N/A	N/A

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	N/A

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

2-out of scope work items identified (see attached notes)


 CONTRACTOR/SUPERINTENDENT 12/19/94
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

Date: 12-16-94 Time: 1530
Subject: Changes in Scope

Project Number: 16330
Project: Silver Creek

<input checked="" type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name <u>Tom Symalla</u>	
Company <u>USN</u>	
Phone Number <u>743-6745</u>	

<input type="checkbox"/> Meeting	Location _____
Attendee _____	Organization _____
_____	_____
_____	_____
_____	_____

Remarks:

① Tom Symalla informed M. Geary that his group would have OHM excavate the debris and wood which is buried in the lower half of the excavation and transport it to RM Pt. M. Geary informed T. Symalla that OHM can not excavate that material until a formal letter of technical guidance is received from the ROICC office

② The Area around and under the silver fix tank that OHM began to excavate extends into areas which prevent hand digging. OHM has shutdown hand excavation until a walk through can be performed w/ the ROICC and all other concerned parties (tentatively scheduled for 12-17-94 AM)

over

2072

Remarks:

Both of the Afermentioned items ARE Considered to be out of scope work and will move the scheduled completion date of the projet out. At this time I can not predict the full impact to the schedule

Action Steps and Person Responsible: _____

Copies to: Lt J. Cream

D. Brewer

Signed: Matthew C. J. 12-19-94

ce: 12-19-94 Time: 1400

Project Number: 16336

Subject: mtg.

Project: Silver Creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input checked="" type="checkbox"/> Meeting	Location <u>ROICC office</u>
Attendee	Organization
<u>M. Geary</u>	<u>OHM</u>
<u>J. Croom</u>	<u>USN</u>
<u>D. Brower</u>	<u>USN</u>

Remarks:

Progress mtg RE: Changes in scope:

① Lt. Croom of USN informed M. Geary that he has authorization to proceed w/ the excavation of silver contaminated soil under the Silver fix tank.

② M. Geary showed Lt Croom where 1 sink hole and two pockets of Debris were located on the site. M. Geary Informed all parties that these areas will create an impediment to achievement of the compaction specs. on imported fill.

③ M. Geary showed Lt Croom A copy of the percolation and other analysis for the common fill which will be imported

over

DAILY REPORT TO INSPECTOR				DATE <i>12-20-94</i>
CONTRACT NO. <i>93-0305</i>		TITLE AND LOCATION <i>REMOVAL OF SILVER</i>		REPORT NO. <i>21</i>
CONTRACTOR (Prime or Subcontractor) <i>OHM</i>			NAME OF SUPERINTENDENT OR FOREMAN <i>MATT GEARY</i>	
WEATHER <i>Clear</i>			TEMPERATURE <i>35</i> °F	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
<i>1</i>	<i>Super</i>	<i>6 1/2</i>	<i>OHM</i>	<i>Cutting of tree branches / Equipment maintenance / meeting to discuss changes in work / Shaping of soil at R.M.P.T</i>
<i>1</i>	<i>PA</i>	<i>1 1/2</i>	<i>OHM</i>	
<i>1</i>	<i>Foreman</i>	<i>6 1/2</i>	<i>OHM</i>	
<i>2</i>	<i>E.O.</i>	<i>6 1/2</i>	<i>OHM</i>	
<i>3</i>	<i>Laborer</i>	<i>5 1/2</i>	<i>OHM</i>	
<i>2</i>	<i>E.O.</i>	<i>5 1/2</i>	<i>OHM</i>	
TOTAL WORK HOURS ON JOB SITE THIS DATE <i>66</i>			WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT <i>1575</i>				
TOTAL WORK HOURS FROM START OF CONSTRUCTION <i>1641</i>				
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
<i>N/A →</i>				
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION			HOURS WORKED	HOURS IDLED
<i>3 VANS</i>			<i>1 DAY</i>	
<i>1 CR</i>			<i>1 DAY</i>	

SILVER CREEK # 16330

DATE 12-21-94

LOAD	TRK #	LOAD WT.	EMPTY WT.	NET WT.	
①	1	28,000	13,000	15,000	7.50
①	2	62,000	28,000	34,000	17.00
①	3	64,000	27,340	36,660	18.33
②	1	28,500	13,000	15,500	7.75
②	3	64,200	27,340	36,860	18.43
②	2	63,200	24,000	35,200	17.60
③	3	64,250	27,340	36,910	18.45
③	2	63,500	28,000	35,500	17.75
④	3	64,000	27,340	36,660	18.33
④	2	63,700	28,000	35,700	17.85
					<u>158.99</u>

Date: 12-21-94 Time: 1500

Project Number: 16330

Subject: Progress Mtg.

Project: Silver Creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input checked="" type="checkbox"/> Meeting	Location <u>OHM Trailer</u>
Attendee	Organization
<u>T. Symalla</u>	<u>USN</u>
<u>S. Phillips</u>	<u>USN</u>
<u>V. Schikora</u>	<u>USN</u>
<u>J. Cream</u>	<u>USN</u>
<u>M. Casey</u>	<u>OHM</u>

Remarks:

- M.G. tells group that OHM is on schedule for the project as scoped but that he anticipates a 1 to 2 wk delay as a result of the additional work (i.e. soil under tank and debris removal)
- Lt Cream informs M.G. that the ROICC will check up Environmental so that OHM can have permission to leave stumps on-site. The ROICC office will let this be done.
- M.G. informs group that OHM is approx \$77,000 below budget at the time of this mtg but that he cannot predict (at this time) the full impact of the additional work on the final budget.

Over →

Summary by WBS Activity - [REDACTED]

LANTNAVFCEGCOM

Delivery Order: 0041

1510 GILBERT STREET/CODE 0211

Last Processing Date: 12/18/94 Daily Date Range: [REDACTED]

Contract No: N62470-93-D-3032

NORFOLK VA 23511-2699

Highest Processing Date: 12/18/94 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	4,568.64			0.00			0.00			537.14			0.00			0.00		0.00			0.00			0.00		0.00	5,105.78		
0100100	3,104.65			0.00			0.00			11.51			0.00			130.85		0.00			0.00			0.00		0.00	3,247.05		
0100200	755.27			197.80			0.00			0.00			0.00			0.00		0.00			0.00			0.00		0.00	953.07		
0100300	2,400.01			1,307.67			12.60			4.36			136.51			0.00		0.00			0.00			0.00		0.00	3,861.15		
0100400	826.60			0.00			0.00			0.00			0.00			0.00		0.00			0.00			0.00		0.00	826.60		
0100500	1,725.42			425.14			104.38			630.86			505.50			211.28		0.00			0.00			0.00		0.00	3,602.58		
0100600	3,368.58			1,134.36			0.00	20.85		10,472.32			3,532.37			0.00		0.00			0.00			0.00		0.00	18,528.48		
0300200	4,217.22			827.04			0.00	45.21		0.00			1,739.85			0.00		0.00			0.00			0.00		0.00	6,829.32		
0300301	2,972.87			51.61			0.00	0.00		0.00			151.44			0.00		0.00			0.00			0.00		0.00	3,175.92		
0300302	3,872.72			0.00			0.00	51.82		1,122.43			9,662.29			0.00		0.00			0.00			0.00		0.00	14,709.26		
0300400	158.71			0.00			0.00	0.00		0.00			0.00			0.00		0.00			0.00			0.00		0.00	158.71		
0300500	579.32			166.27			0.00	0.00		0.00			458.08			0.00		0.00			0.00			0.00		0.00	1,203.67		
0501300	83.46			0.00			0.00	0.00		1,124.66			0.00			0.00		0.00			0.00			0.00		0.00	1,208.12		
1900200	5,133.47			0.00			0.00	0.00		19.95			1,784.78			7,397.30		0.00			0.00			0.00		0.00	14,335.50		
2000100	0.00			0.00			0.00	0.00		797.20			0.00			0.00		0.00			0.00			0.00		0.00	797.20		
2000101	971.88			0.00			0.00	0.00		430.66			2,545.60			0.00		0.00			0.00			0.00		0.00	3,948.14		
2000402	0.00			0.00			0.00	0.00		47.45			0.00			0.00		0.00			0.00			0.00		0.00	47.45		
2100500	402.49			0.00			0.00	0.00		0.00			0.00			0.00		0.00			0.00			0.00		0.00	402.49		
8900100	23,251.16			7,385.58			75.60	0.00		7.32			0.00			0.00		0.00			0.00			0.00		0.00	30,719.66		
8900800	0.00			0.00			718.20	0.00		142.89			315.34			0.00		0.00			0.00			0.00		0.00	1,176.43		
8901100	126.29			0.00			120.59	0.00		367.41			439.26			0.00		90.82			0.00			0.00		0.00	1,144.39		
8901300	0.00			0.00			1,091.22	0.00		157.24			449.09			0.00		0.00			0.00			0.00		0.00	2,697.55		
Totals:	58,518.80			11,495.47			3,122.59	117.88		15,873.40			21,720.13			0.00		7,830.25			0.00			0.00		0.00	118,678.52		

@ Approx 65% Completion x \$300,000 budget = 195,000
 - 118,000
 77,000

DAILY REPORT TO INSPECTOR				DATE 12-22 to 12-27
CONTRACT NO. 93-0305		TITLE AND LOCATION REMOVAL OF SILVER		REPORT NO. 23
CONTRACTOR (Prime or Subcontractor) OHM			NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY	
WEATHER			TEMPERATURE _____ °F	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
				NO on-site work takes place over these dates however mobilization and de mobilization hours will accrue.
TOTAL WORK HOURS ON JOB SITE THIS DATE		Ø	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		1712.5		
TOTAL WORK HOURS FROM START OF CONSTRUCTION		1712.5		
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
/	/	/	/	/
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION		HOURS WORKED	HOURS IDLED	
N/A				

SILVER CREEK # 16330

DATE 12-28-94

AD	TRK #	LOAD WT.	EMPTY WT.	NET WT.	
1	3	60000	23,200	36800	18.4
	4	40200	22880	17320	8.66
	1	16000	13000	3000	1.5
	2	42400	23500	18900	9.45
2	3	61200	23,200	38000	19.
	4	36600	22,880	13720	6.86
	2	42600	23,500	19100	9.55
	1	19000	13000	6000	3.0
3	3	46,100	23,200	22900	11.45
	4	37200	22880	14320	7.16
	2	42400	23500	18900	9.45
	1	17600	13000	4600	2.3
4	2	34800	23500	11,300	5.65
	3	39400	23200	16,200	8.1
	4	38600	22,880	15,720	7.86
	2	39600	23500	16,100	8.05
5	3	49,800	26,600	23,200	11.6
	4	38800	22880	15,920	7.96
				312,000.	156.0

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES <i>(Materials, Equipment, Safety, and/or Workmanship)</i> ACTION TAKEN OR TO BE TAKEN
	2 pipes were broken during the excavation of the black soil - 1-2" steel pipe nothing flowing 1- 6" PVC pipe conduit for drainage pipes on sanitary sewer this pipe may have been broken prior to the excavation

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A	N/A	N/A

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB <i>(Description, Sizes, Quantity)</i>	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	JD 690 excavator ≈ 200 TONS of select fill		

REMARKS *(Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S, pertinent information)*



 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE <u>FRI</u> <u>12-30-94</u>
CONTRACT NO. <u>93-0305</u>		TITLE AND LOCATION <u>REMOVAL OF SILVER</u>		REPORT NO. <u>26</u>
CONTRACTOR (Prime or Subcontractor) <u>OHM</u>			NAME OF SUPERINTENDENT OR FOREMAN <u>MATT GEARY</u>	
WEATHER <u>Clear</u>			TEMPERATURE <u>38</u> °F	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	<u>Supn</u>	5 1/2	<u>OHM</u>	<u>Spread select fill @ site #5 /</u> <u>Hauling fill material from next to</u> <u>magazine WB over to Am PT (Loads 12</u> <u>100 c.y.)</u> <u>note: Actual time for today will</u> <u>include demobilization time</u> <u>note: Approx 120y of (black) contaminated</u> <u>soil excavated and stockpiled between</u> <u>bdys.</u>
1	<u>PA</u>	8 1/2	<u>OHM</u>	
1	<u>Foreman</u>	5 1/2	<u>OHM</u>	
3	<u>Labourer</u>	5	<u>OHM</u>	
3	<u>E.O.</u>	5 1/2	<u>OHM</u>	
TOTAL WORK HOURS ON JOB SITE THIS DATE		<u>51</u>	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		<u>1992</u>		
TOTAL WORK HOURS FROM START OF CONSTRUCTION		<u>2043</u>		
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
<u>N/A</u>				
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION			HOURS WORKED	HOURS IDLED
<u>VANS (2)</u>			<u>1 DAY</u>	
<u>PV</u>			<u>1 DAY</u>	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES <i>(Materials, Equipment, Safety, and/or Workmanship)</i> ACTION TAKEN OR TO BE TAKEN
	Sanitary sewer pipe 6" PVC was broken during excavation OIM to repair.

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB <i>(Description, Sizes, Quantity)</i>	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	≈ 200 tons of select fill		
	≈ 200 tons of clay @ RM PT		

REMARKS *(Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)*


12-30-94
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
N/A	N/A		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)


 CONTRACTOR/SUPERINTENDENT 1-3-95
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	1-13T Roller ≈ 800 TONS of Select fill		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

See Additional NOTES Attached


 CONTRACTOR/SUPERINTENDENT

1-4-95
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE

 DATE

Date: 1-4-95 Time: 0900

Project Number: 16330

Subject: VARIOUS events

Project: Silver Creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input type="checkbox"/> Meeting	Location _____
Attendee _____	Organization _____
_____	_____
_____	_____
_____	_____

Remarks:

Item #1 ⇒ Mr. was informed that the sample (postex) from the south west corner of the excavation came back w/ Silver levels above 10ppm (total). OHM reexcavated this area and we await second post ex results.

Item #2 ⇒ Post excavation results from under the tank area showed Silver level below 10ppm Mr. was instructed by the ROICC office to go ahead and back fill between the bldgs.

Item #3 ⇒ OHM may have broken the 6" sanitary sewer line between the bldgs at site #5 OHM is assuming that OHM broke the line so they will make the repairs to that line

DAILY REPORT TO INSPECTOR	DATE <i>Thurs</i> <i>1-5-95</i>
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CONTRACT NO. <i>93-0305</i>	TITLE AND LOCATION <i>REMOVAL OF SILVER</i>	REPORT NO. <i>29</i>
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CONTRACTOR (Prime or Subcontractor) <i>OHM</i>	NAME OF SUPERINTENDENT OR FOREMAN <i>MATT GEARY</i>
------------------------------------------------	--------------------------------------------------------

WEATHER <i>Clear</i>	TEMPERATURE <i>20</i> °F
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WEATHER EFFECTS *Ground frozen @ RMPT hard to place staples for warning tape*

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	<i>Supn</i>	9		<i>Loading out soil from site #8 to be used as cover @ RMPT / Place silver warning tape at RMPT All work @ site #5 shut down @ 930 AM due to casting operations</i>
1	<i>PA</i>	9 1/2		
1	<i>Foreman</i>	9 1/2		
1	<i>Surveyor</i>	9 1/2		
5	<i>Labourers</i>	9 1/2		
1	<i>E.O.</i>	8		
2	<i>E.O.</i>	9		
1	<i>E.O.</i>	9 1/2		

TOTAL WORK HOURS ON JOB SITE THIS DATE	<i>120.5</i>	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	<i>2153.5</i>	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	<i>2274</i>	

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED

DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
/	/	/	/	/

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
<i>2 VANS</i>	<i>1 DAY</i>	
<i>2 PV</i>	<i>1 DAY</i>	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
① Attempted compaction tests on Silver contaminated Soil at RMPT	① RMPT	① Compaction machine could not be calibrated due to the consistency of the silver contaminated soil
② Survey of contaminated soil at RMPT	② RMPT	② Report to follow

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	≈ 42 TONS of select fill		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)


1/6/95
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE 1-6-95
CONTRACT NO. 93-0305		TITLE AND LOCATION REMOVAL OF SILVER		REPORT NO. 30
CONTRACTOR (Prime or Subcontractor) OHM			NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY	
WEATHER Clear (am) Rain (pm)			TEMPERATURE 35 °F	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	Super	9		Continue to place backfill @ site #5 place (black) contaminated soil @ RMPT. Cover contaminated soil @ RMPT w/clay load out of soil from proc; 15831
1	Foreman	9		
1	P.A.	9		
3	E.O.	9		
1	E.O.	8		
4	Labors	9		
TOTAL WORK HOURS ON JOB SITE THIS DATE			98	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT			2274	
TOTAL WORK HOURS FROM START OF CONSTRUCTION			2372	
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
/	/	/	/	/
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION			HOURS WORKED	HOURS IDLED
VANS (2)			1 DAY	
PU (2)			1 DAY	

DAILY REPORT TO INSPECTOR	DATE <small>month</small> 1-9-95
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CONTRACT NO. 93-0305	TITLE AND LOCATION REMOVAL OF SILVER	REPORT NO. 32
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CONTRACTOR (Prime or Subcontractor) OHM	NAME OF SUPERINTENDENT OR FOREMAN MATT GEARY
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WEATHER Overcast	TEMPERATURE 40 °F
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WEATHER EFFECTS **Soil is very wet hard to shape**

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	Supr	9 1/2	OHM	Place & Spread Clay @ Rm PT And select fill @ site #5 / Backfill Area between bldgs / fix sanitary sewer line and drain line / Remove debris from (sticks) Cover material @ Rm-PT.
1	PA	11	OHM	
1	Foreman	12 1/2	OHM	
4	E.O.	12 1/2	OHM	
1	E.O.	10 1/2	OHM	
5	Laborers	12 1/2	OHM	
1	Surveyor	10 1/2	OHM	
..				

TOTAL WORK HOURS ON JOB SITE THIS DATE	166.5	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2375.5	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2542	

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
/	/	/	/	/

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
VANs (2)	1 DAY	
PU (2)	1 DAY	

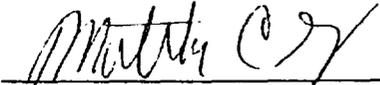
SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A	N/A	

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
Compaction testing	Clay cap @ RM PT	See attached
Surveying	swale inside Fence	2% slope achieved

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	≈ 100 tons Select fill		
	≈ 40 tons Top Soil		
	Received ≈ 560 tons of Clay to date @ RM PT		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)


 CONTRACTOR/SUPERINTENDENT 1/10/95
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

Date: 1-10-95 Time: 0730
 Subject: Compaction specs. & Concrete

Project Number: 16330
 Project: Silver Creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input checked="" type="checkbox"/> Meeting	Location _____
Attendee	Organization
<u>Lt Cream</u>	<u>USN</u>
<u>M. Carey</u>	<u>OHM</u>
<u>T. Smalla</u>	<u>USN</u>
<u>M. Malloy</u>	<u>HOUUS</u>
<u>D. Brown</u>	<u>USN</u>

Remarks:

① Compaction:

Ⓐ As Anticipated we ARE having a difficult time meeting the compaction requirements of the specifications document i.e. the Clay At Rm PT only compacted to 81.7% (see Attached Report)

Ⓑ The silver contaminated soil Passed in 3 locations and failed in one. OHM was planning on testing each lift (8") of silver contaminated soil via test pits however this can not be done because the compaction tester can not provide proper readings in a hole (due to wave length interference)

② Concrete:

Due to the compaction problems experienced between bldgs 731 & 1135 (similar to those discussed above) the subgrade below the proposed side walks

over →

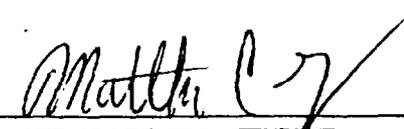
SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A	N/A	

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	N/A

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	≈ 400 TONS of Clay		
	≈ 260 TONS of Top Soil		

REMARKS (include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)



 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE <i>Thurs</i> <i>1-12-95</i>
CONTRACT NO. <i>93-0305</i>		TITLE AND LOCATION <i>REMOVAL OF SILVER</i>		REPORT NO. <i>35</i>
CONTRACTOR (Prime or Subcontractor) <i>OHM</i>			NAME OF SUPERINTENDENT OR FOREMAN <i>MATT GEARY</i>	
WEATHER <i>Clear</i>			TEMPERATURE <i>65</i> °F	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <i>(If space provide below is inadequate, use additional sheets)</i>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
<i>1</i>	<i>Super</i>	<i>10 1/2</i>	<i>OHM</i>	<i>Spread Select fill @ PM PT. / Place top soil between Bldgs. And on lawn end of site #5 / Transport Perm. Ecm to site #5</i>
<i>1</i>	<i>PA</i>	<i>1</i>	<i>OHM</i>	
<i>1</i>	<i>Foreman</i>	<i>9 1/2</i>	<i>OHM</i>	
<i>3</i>	<i>E.O.</i>	<i>10 1/2</i>	<i>OHM</i>	
<i>2</i>	<i>R.T (Laborer)</i>	<i>10 1/2</i>	<i>OHM</i>	
<i>1</i>	<i>E.O.</i>	<i>11 1/2</i>	<i>OHM</i>	
<i>3</i>	<i>R.T.</i>	<i>11 1/2</i>	<i>OHM</i>	
TOTAL WORK HOURS ON JOB SITE THIS DATE		<i>119.5</i>		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		<i>2784</i>		
TOTAL WORK HOURS FROM START OF CONSTRUCTION		<i>2903.5</i>		
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <i>(First time only)</i>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY <i>(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)</i>				
DESCRIPTION		HOURS WORKED	HOURS IDLED	
<i>2 VANS</i>		<i>10AT</i>		
<i>2 PVS</i>		<i>10AT</i>		

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
Test Pits	Rm PT	verified min 1' of select fill & 1' of clay
MDE field investigation	Rm PT Site #5	see Attached

SPEC. PARA. AND/OR DRAWING NO	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	2 820 Tons of top soil		
	2 315 Tons of select fill		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

 1/12/95
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

Date: 1-12-95 Time: 1500

Project Number: 16330

Subject: _____

Project: Silver Creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input type="checkbox"/> Meeting	Location _____
Attendee	Organization
_____	_____
_____	_____
_____	_____

Remarks:

Notes on various topics.

Seeding: M. Gentry proposed to hand sow kentucky fescue over disturbed area @ site #5. This will cost approx \$400.00. It was agreed that if the seed germinates OIIM will not have to hydro seed in the spring (if this works it will save \$1000)

Concrete: It will cost an additional \$1900 to pour concrete on the weekend (approx 50% cost growth) if the Navy wants to perform this work on the weekend OIIM will need direction from the ROICC. If the work is to take place during the week OIIM will need to have access to the restricted area for two consecutive days.

over.

Remarks:

Project Delay: OAM's night shift was not able to access the restricted area on 1-12-95 due to repairs being performed on the XRAY machine
note 1-13-95 (Access was provided @ 2100)

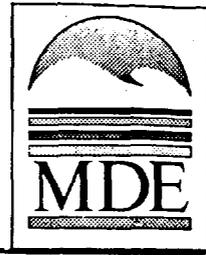
Final Inspection Mtg: I have scheduled a final inspection / progress mtg. for 1-20-95 @ 10AM. Please let me know who will be attending

Action Steps and Person Responsible:

Copies to: D. Brewer
Lt. Cresson

Signed: Matthew C. [Signature]

FIELD INVESTIGATION REPORT



MARYLAND DEPARTMENT OF ENVIRONMENT *
Water Management Administration *
2500 Broening Highway *
Baltimore, MD 21224 *
(410) 631-3510 *

DATE: 1/12/94 TIME: 1400 SITE VISIT NO. 1

SITE NAME: REMOVAL OF SILVER CONTAMINATED SOIL COUNTY: CH

MAP LOCATION: _____ WEATHER: _____

SITE CONTACT(S): MATT GEARY, OHM TITLE: SITE SUPER

_____ TITLE: _____

INSPECTION TYPE:

- SF TYPE ()
- SCD APPROVAL
- COMPLAINT (P/A)
- OTHER

PROJECT STATUS:

- STARTED-ACTIVE
- STARTED-INACTIVE
- NOT STARTED
- COMPLETE

WMA APPROVAL NO. 94-SF-0366
VIOLATION NO. _____
COMPLAINT (P/A) NO. _____

SITE CONDITIONS:

- SEQ. OF CONST. _____
- V SCE CLEAN OFF SEDIMENT TRACKED ONTO PAVED ROADS AT BOTH AREAS.
- I SILT FENCE _____
- O EARTHEN DIKE _____
- A SEDIMENT TRAP SEE PG. 2.
- T SEDIMENT BASIN _____
- I SEED, MULCH, TACK FOLLOW STABILIZATION USES OF APPROVAL
- O OTHER _____
- N OTHER _____

ACTION TAKEN:

- SITE COMPLAINT ISSUED
- STOP WORK ISSUED
- SEE ATTACHMENTS

EVIDENCE COLLECTED:

- SAMPLE
- GRAPHIC
- PHOTO
- VIDEO
- OTHER

PENALTY ADVISORY: STATE LAW PROVIDES FOR CIVIL AND CRIMINAL PENALTIES RANGING FROM \$1,000 TO \$50,000 PER DAY FOR VIOLATIONS OF TITLES 4 & 9 OF THE MARYLAND ENVIRONMENT ARTICLE.

- WARNING! VIOLATIONS -- Sediment Control, Sediment Pollution NPDES
Penalty action possible next inspection
- NOTICE!! VIOLATIONS -- Sediment Control, Sediment Pollution NPDES
RECOMMENDING PENALTY ACTION

REPORT RECEIVED BY: X Matthew G FIELD REPORT MAILED TO: _____

I HEREBY ACKNOWLEDGE RECEIPT OF THIS REPORT BY MY SIGNATURE WHICH DOES NOT IMPLY AGREEMENT OR DISAGREEMENT WITH ITS CONTENT.

Inspector: MARK ECKER

NOTE: See all pages for a complete report. This is page 1 of 2.



WMA APPROVAL NO. 94-SF-0366

VIOLATION NO. _____

COMPLAINT NO. _____

DATE: 1-12-94

COMMENTS:

ONCE CONTRIBUTING AREA IS STABILIZED W/ APPROVED LINING
AND OTHER STABILIZATION REQUIREMENTS ARE MET THE
SEDIMENT TRAP CAN BE FILLED ... CONTINUE W/
OUTFALL PAD ^S (C3/C6). ALSO MAINTAIN THE EXISTING
TEMP. STONE OUTLET STRUCTURE WITH STREAM CHANNEL
UNTIL THE VEGETATIVE STABILIZATION IS ESTABLISHED.

NOTE: Please review all sheets for complete report.

This is Sheet 2 of 2 Inspector: M. ECKEN

Received By: [Signature]



SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES <i>(Materials, Equipment, Safety, and/or Workmanship)</i> ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	N/A

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB <i>(Description, Sizes, Quantity)</i>	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	≈ 380 Tons of Top Soil to Rm PT		

REMARKS *(Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)*



 CONTRACTOR/SUPERINTENDENT DATE 1-13-95

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR DATE ^{Mon} 1-16-95

CONTRACT NO. **93-0305** TITLE AND LOCATION **REMOVAL OF SILVER** REPORT NO. **37**

CONTRACTOR (Prime or Subcontractor) **OHM** NAME OF SUPERINTENDENT OR FOREMAN **MATT GEARY**

WEATHER **Overcast (heavy rain on 1-14 & 1-15)** TEMPERATURE **62** °F

WEATHER EFFECTS **Site is saturated may lose some top soil while spreading**

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (If space provide below is inadequate, use additional sheets)

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (If space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
1	Super	10	OHM	Finish Area between bldgs. re. top
1	PA	11 1/2	OHM	Soil, Erosion control fabric, seeding
1	Foreman	9 1/2	OHM	and side walk prep. Place stone in
1	Labourer	7	OHM	Area where new tank will go. Seed
1	Labourer	9	OHM	Rm. PT. /
1	EO	9	OHM	
3	Labourer	10	OHM	Note seed was placed at the following
3	E.O.	10	OHM	rates:
				Rm PT 5.35/lbs per 1000 sf.
				upper end site #5 2 9 lbs per 1000 sf.
				lower end site #5 5.5 lbs per 1000 sf.

TOTAL WORK HOURS ON JOB SITE THIS DATE **116**

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT **2962**

TOTAL WORK HOURS FROM START OF CONSTRUCTION **3078**

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?
 YES NO

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
/	/	/	/	/
/	/	/	/	/

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY
 (This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
2 VANS	1 DAY	
2 PVS	1 DAY	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
	Site was graded to drain on Friday 1-13-95. Over the weekend Some one filled in the channel 10' away from the outside fence this caused all of the water from the upper end of the site to collect in the restricted area making it extremely difficult to work with.

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
DHM cut the channel back out and will install a culvert for future crossings		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	~ 100 TONS of Top soil @ Stamp neck		

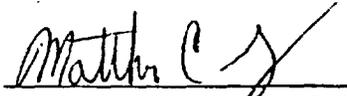
REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)


 CONTRACTOR/SUPERINTENDENT

1/16/95
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN		
	The swale @ Site #5 cannot be placed in the exact location shown on the proposed final grades. The swale is being located according to the natural contours of the area and according to the ebb & flow of the subbase material		
DEFICIENCIES CORRECTED THIS DATE		REFERENCE	
		REPORT NO.	COMPLIANCE NOTICE NO.
N/A			
INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING	
N/A →			
SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	≈ 40 TONS Topsoil		
REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)			
		 CONTRACTOR/SUPERINTENDENT	1/17/95 DATE
CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT			
		_____ CONSTRUCTION REPRESENTATIVE	_____ DATE

Date: 1/18/95 Time: 1400
Subject: Progress mtg. w/ ROICC

Project Number: 16330
Project: Silver Creek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input checked="" type="checkbox"/> Meeting	Location <u>ROICC office</u>
Attendee	Organization
<u>M. Geary</u>	<u>OHM</u>
<u>Lt. Crum</u>	<u>USN</u>
_____	_____
_____	_____

Remarks:

Minutes of Mtg.

Sediment trap: M. Geary informed Lt. Crum that the stone dam at the end of the sediment trap was spread out as specified in the final grade plan. This needed to be done prior to grass growth in order to remove a machine which was stuck

Fence: Base Safety visited the Silver Creek site and requested that OHM immediately fix the outer most fence @ X-RAY. OHM informed Lt Crum that the fence is in the process of being repaired but we must wait until the concrete sets up

OVER →

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	

SPEC. PARA. AND/OR DRAWING NO	EQUIPMENT/MATERIAL RECIEVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	22 40 TONS TOPSOIL		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)



 CONTRACTOR/SUPERINTENDENT

1/20/95
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR

DATE
1-20-95

CONTRACT NO. **93-0305**

TITLE AND LOCATION **REMOVAL OF SILVER**

REPORT NO. **41**

CONTRACTOR (Prime or Subcontractor) **OHM**

NAME OF SUPERINTENDENT OR FOREMAN
MATT GEARY

WEATHER **Very Heavy Rain @ 3AM Site is inundated**

TEMPERATURE **40** °F

WEATHER EFFECTS **slow placement of erosion matting**

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE
(If space provided below is inadequate, use additional sheets)

LOCATION AND DESCRIPTION
OF WORK PERFORMED

NUMBER	TRADE	HOURS	EMPLOYER
--------	-------	-------	----------

1	Supervisor	5	OHM
1	Project Acct.	9 1/2	OHM
1	Foreman	5	OHM
2	R.T.	6	OAM
1	R.T.	4 1/2	OAM
1	E.O.	6	OAM
1	E.O.	5	OAM

site guarding / Erosion matting
installation / Site clean up /
log staging / Stump staging

TOTAL WORK HOURS ON
JOB SITE THIS DATE

47

CUMULATIVE TOTAL OF WORK
HOURS FROM PREVIOUS REPORT

3419

TOTAL WORK HOURS FROM
START OF CONSTRUCTION

3466

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?

YES

NO

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
/	/	/	/	/

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY
(This will include pickup trucks and mobile mounted items, such as compressor, that are also
used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
2 VAN	1044	
1. PV	1041	

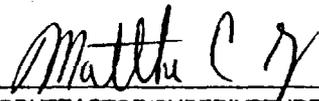
SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY.FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	N/A

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	≈ 22 TONS 3/4" crushed stone (AMP)		

REMARKS (include directions received from ROICQ/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)


 CONTRACTOR/SUPERINTENDENT

1-20-95
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN		
	N/A		
DEFICIENCIES CORRECTED THIS DATE		REFERENCE	
		REPORT NO.	COMPLIANCE NOTICE NO.
N/A			
INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING	
SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	N/A		
REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)			
<div data-bbox="937 1517 1290 1634"> <p><u>Matthew Cz</u> CONTRACTOR/SUPERINTENDENT</p> </div> <div data-bbox="1350 1535 1535 1634"> <p><u>1-23-95</u> DATE</p> </div>			
CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT			
<div data-bbox="937 1923 1317 1953">CONSTRUCTION REPRESENTATIVE</div> <div data-bbox="1384 1923 1451 1953">DATE</div>			

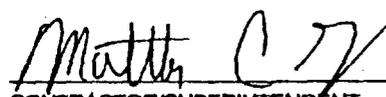
SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	N/A

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	N/A		

REMARKS (Include directions received from ROIC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

 1-23-95
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES <i>(Materials, Equipment, Safety, and/or Workmanship)</i> ACTION TAKEN OR TO BE TAKEN
N/A	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
N/A		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
N/A	N/A	

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB <i>(Description, Sizes, Quantity)</i>	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	N/A		

REMARKS (Include directions received from ROICQ/AROICQ, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

 1-24-95
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

 CONSTRUCTION REPRESENTATIVE DATE

Date: 1/24/95 Time: 1300

Project Number: 16330

Subject: Punch List/final Inspection mtg.

Project: Silvercreek

<input type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Name _____	
Company _____	
Phone Number _____	

<input checked="" type="checkbox"/> Meeting	Location <u>Site # 5</u>
<u>Matt Geary</u> Attendee	<u>OIHM</u> Organization
<u>Lt Cuzzon</u>	<u>USN</u>
<u>Tom Spalla</u>	<u>USN</u>
<u>Jeff Bosard</u>	<u>USN</u>
<u>Shawn Phillips</u>	<u>USN</u>
<u>Tim Boyd</u>	<u>USN</u>

Remarks:

Attached please find the final punch list for delivery order #41.

This memo will serve as OIHM's response to the final Punch list as well as delineate other items discussed @ the final inspection which were not listed on the punch list:

Punch list Items: Site #5

Item #1 OIHM will perform this Item by 1-27-95 (This includes bldg platform)

Item #2 This Item will be performed by OIHM - late spring
early summer 1995

Item #3 Will be complete by 1-27-95

Item #4 Removal and stabilization of silt will be performed by 1-27-95 (by hand)
extension of Class 1 Rip Rap can not be performed until late spring or early summer due to the soft nature of the soil.

Remarks:

Item #5 - will be complete by 1-27-95

Item #6 - late spring - early summer '95"

Item #7 - late spring - early summer '95"

Item #8 - completed by 1-27-95

Rem Pt:

Items #1-3 - will be completed late spring early summer (OAM recommends leaving sed pad

Item #4 - completed by 1-27-95

IN until ENTIRE AREA is Restored)

Provide two sets of AS built's - completed by late Feb. 1995

Additional Notes:

- M. Geary Informed group that the end result of the additional work performed would be a cost growth of approx 3 to 6% over original budget formal estimate to follow

- Tom Sparella requested that M. Geary dump the drums of water (that were filled during soil removal) down the newly constructed swale M.G. informed T.S. that he would need a copy of the analysis showing the liquid AS non-RCA, non-contaminated before he could comply w/ that request. T.S. said he will provide that info

Action Steps and Person Responsible: see above

Copies to: Dave Brown

Lt. Croon

Thank you, I have enjoyed working with all of you.

Signed: Matty C. G.

PUNCH LIST 93-C-0305

SITE 5

1. COORDINATE NEW SIDEWALK WITH THE SAFETY DEPT.
2. PROVIDE NEW CONCRETE SIDEWALK OUTSIDE SECURED AREA
3. BRIDGE CULVERT WITH STONE
4. EXTEND CLASS I RIP RAP, REMOVE SILT AND STABILIZE
5. STABILIZE EQUIPMENT ENTRANCE
6. MAINTAIN TURF ESTABLISHMENT
7. REMOVE EROSION CONTROL MEASURES
8. REMOVE OFFICE AND STORAGE TRAILERS.

RUM POINT

1. MAINTAIN TURF ESTABLISHMENT
2. FILL IN SEDIMENT POND AFTER TURF ESTABLISHMENT
3. REMOVE EROSION CONTROL MEASURES
4. REMOVE FUEL STORAGE TANK

PROVIDE 2 SETS OF AS-BUILTS

**TABLE 2
SUBMITTAL REGISTER**
Removal of Silver Contaminated Soil and Sediment
Naval Surface Warfare Center, Indian Head, Maryland

Delivery Order 0041
Contract No. N62470-93-D-3032

Project Title: Removal of Silver Contaminated Soil and Sediment Location: Naval Surface Warfare Center Contractor: OHM Remediation Services Corp.

Submittal No.	Spec Section No.	SD No., and type of Submittal Material or Product	Spec Para No.	Classification Approval by Contracting Officer *	Government or A/E Reviewer	Transportation Control No.	Planned Submittal Date	Contractor Action			Approving Authority Action			Contractor Mailed to Contractor/ Received from Approved Authority	Remarks
								Action Code	Date of Action	Date Forward to Approved Authority/ Date Received From Contractor	Date Forwarded to other Reviewer	Date Received from other Reviewer	Action Code		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
	01010	SD-18													
		Records	1.2.1				End of Job								
		Work Plan	1.2.1.1	G	SHAWN PHILLIS			NR	11/30						
		SD-18	1.2.1												
		Records	1.3.1				End of Job								
		As-built records	1.3.1.1	G	DAVE BRONER		END OF JOB								
		Environmental conditions report	1.3.1.2												
		Network analysis diagram (schedule)	1.3.1.3				Monthly								
		Status reports	1.3.1.3				Biweekly								
		QC meeting minutes	1.3.1.4												
		Test results summary report	1.3.1.5												
		Contractor production report	1.3.1.6		ROICC		12-9								
		QC report	1.3.1.7												
		Rework items list	1.3.1.8												
		Permits	1.3.1.9		Safety		11-29								
		Contractor's closeout report	1.3.1.10												
	02220	SD-02													
		Manufacturer's catalog data	1.3.00												
		Erosion control revegetation matting	2.00												
		Permanent erosion control revegetation mat (ECRM)	2.00		ROICC		12-9	A	12-9						
		SD-12													
		Field test reports	1.3.4												
		Fill and backfill	3.10.2.1		ROICC		12-13	A	12-13						
		Density tests	3.10.2.4					AN	12-20						
	03300	SD-06													
		Instructions	1.2.1												
		Liquid membrane-forming compounds	2.3.2												
		SD-13													
		Certificates	1.2.2												
		Concrete	2.1												

***Navy Notes:**
Approved By:
G: Contracting Officer
Blank: CQC Manager

***NASA Notes:**
Approved By:
Blank: Contracting Officer

***Army Notes:**
Classification:
GA: Government Approval
FIO: For Information Only

Action Codes: (Others may be prescribed by Transmittal Form) Revision Date: 09/27/94
NR: Not Reviewed
A: Approved
AN: Approved as Noted
RR: Disapproved: Revise and Resubmit

Spring 1995
Spring 1995

APPENDIX B
GEOTECHNICAL TESTING RESULTS

CONTRACTOR'S SUBMITTAL TRANSMITTAL

LANTDIV NORFOLK 4-4355/3 (Rev. 11-80)

CONTRACT NO.	TRANSMITTAL NO.	DATE 12-5-94
--------------	-----------------	-----------------

FROM CONTRACTOR
OHM
US NAVY

PROJECT TITLE AND LOCATION
Silver Creek Project / Bldg 731

<p align="center">CONTRACTOR USE ONLY</p> <p align="center"><i>*List only one specification division per form.</i></p> <p align="center"><i>List only one of the following categories on each transmittal form, and indicate which is being submitted</i></p> <p><input type="checkbox"/> Contractor Approved <input type="checkbox"/> OICC Approval <input type="checkbox"/> Deviation/Substitution For OICC Approval</p>	<p align="center">REVIEWER USE ONLY</p> <p align="center">**ACTION CODES</p> <p>A-Approved D-Disapproved AN-Approved as noted RA-Receipt acknowledged. C-Comments R-Resubmit</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ITEM NO.	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO. *	ITEM IDENTIFICATION (Type, size, model no., Mfg. name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES	REVIEWER'S INITIALS CODE AND DATE
		Perm. Soil Erosion Control Fabric	1		

CONTRACTOR'S COMMENTS

If acceptable please initial under Reviewers initials

COPY OF TRANSMITTAL AND SUBMITTALS TO ROICC		CONTRACTOR REPRESENTATIVE (Signature) <i>Mattly C</i>
DATE RECEIVED BY REVIEWER	FROM (Reviewer)	TO

- Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.
- Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

This material was verbally accepted by the ROICC office at the 12-9-94 progressmtg

COPIES TO: ROICC (2) LANTDIV (1) A-E (1)	DATE	SIGNATURE
---------------------------------------------------	------	-----------

CONTRACTOR'S SUBMITTAL TRANSMITTAL

LANTDIV NORFOLK 4-4355/3 (Rev. 11-80)

CONTRACT NO.	TRANSMITTAL NO	DATE 12-14-94
PROJECT TITLE AND LOCATION Silver Creek Indian Head Naval Base		

FROM CONTRACTOR

GHM

CONTRACTOR USE ONLY

*List only one specification division per form.

List only one of the following categories on each transmittal form, and indicate which is being submitted

- Contractor Approved
 OICC Approval
 Deviation/Substitution For OICC Approval

REVIEWER USE ONLY

****ACTION CODES**

- A-Approved
- D-Disapproved
- AN-Approved as noted
- RA-Receipt acknowledged.
- C-Comments
- R-Resubmit

ITEM NO	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO.	ITEM IDENTIFICATION (Type, size, model no., Mfg. name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES	REVIEWER'S INITIALS CODE AND DATE
		Clay (low permeability soil)			

CONTRACTOR'S COMMENTS

Verbally approved by ROICC @ the meeting held on 12-14-94 (9AM)

COPY OF TRANSMITTAL AND SUBMITTALS TO ROICC

CONTRACTOR REPRESENTATIVE (Signature)

DATE RECEIVED BY REVIEWER

FROM (Reviewer)

TO

- Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.
- Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

COPIES TO:
ROICC (2)
LANTDIV (1)
A-E (1)

DATE

SIGNATURE

Stancills

Δ \$700 / 1700 higher
 Than next low

**PENNIMAN
& BROWNE,
INC.**

CHEMISTS / ENGINEERS / INSPECTORS

CLAY

6252 FALLS ROAD / P.O. BOX 65309 / BALTIMORE, MARYLAND 21209-0509 / TELEPHONE 410-825-4131 / FAX 410-321-7384

July 30, 1993

STANCILLS, INC.
 499 Mountain Hill Road
 Perryville, Maryland 21903

Attn: Mr. Terry Stancill

RE: CLAY SAMPLE ANALYSIS
 LAB NO.: 93-40-0274
 SAMPLE: USPS-1, PINK/WHITE MOTTLED CLAY

STANDARD PROCTOR ASTM D698

Maximum Dry Density	-	117.0 PCF
Optimum Moisture Content	-	14.6 %

ATTERBERG LIMITS ASTM D4318

Liquid Limit	-	37
Plastic Limit	-	24
Plasticity Index	-	13
Classifications (ASTM D2487)	-	CL

HYDROMETER ANALYSIS ASTM D 422

<u>SIZE</u>	<u>% PASSING</u>
10	100
20	99.8
40	99.4
60	98.8
100	98.8
200	96.0
.04	82.0
.015	64.0
.0074	52.0
.0045	44.0
.0015	18.0



FOUNDED 1896

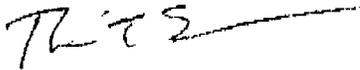


-2-

PERMEABILITY TEST EM 1110-2-1906 APPENDIX VII
RIGID RING FALLING HEAD

Remolded Dry Density	-	113.9 PCF
Moisture Content	-	16.6 %
Relative Compaction	-	97.3 %
Permeability, K	-	5.0×10^{-8} cm/sec.

Respectfully,



Thomas C. Simon
Engineering
TCS/msm

CONTRACTOR'S SUBMITTAL TRANSMITTAL
 LANTDIV NORFOLK 4-4355/3 (Rev. 11-80)

CONTRACT NO.	TRANSMITTAL NO.	DATE 12-14-94
--------------	-----------------	------------------

FROM CONTRACTOR
 OIM

PROJECT TITLE AND LOCATION

CONTRACTOR USE ONLY <i>List only one specification division per form.</i> <i>List only one of the following categories on each transmittal form, and indicate which is being submitted</i> <input type="checkbox"/> Contractor Approved <input type="checkbox"/> OICC Approval <input type="checkbox"/> Deviation/Substitution For OICC Approval	REVIEWER USE ONLY **ACTION CODES A-Approved D-Disapproved AN-Approved as noted RA-Receipt acknowledged. C-Comments R-Resubmit
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------

ITEM NO.	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO.	ITEM IDENTIFICATION (Type, size, model no., Mfg. name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES	REVIEWER'S INITIALS CODE AND DATE
		Backfill (select fill)			

CONTRACTOR'S COMMENTS

COPY OF TRANSMITTAL AND SUBMITTALS TO ROICC CONTRACTOR REPRESENTATIVE (Signature)

DATE RECEIVED BY REVIEWER FROM (Reviewer) TO

- Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.
- Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

COPIES TO: ROICC (2) LANTDIV (1) A-E (1)	DATE	SIGNATURE
---------------------------------------------------	------	-----------



MOISTURE-DENSITY RELATIONSHIP

Client	OHM	Tested By	AG	Date	12-13-94
Client Project	16330	Checked By	<i>gem</i>	Date	12-14-94
Project No.	94370	Test Type			STANDARD
Boring No.	NA	Wt. of Mold (gm)			5950
Depth (ft.)	NA	Mold Volume (cc)			2124
Sample No.	SELECT BACKFILL				

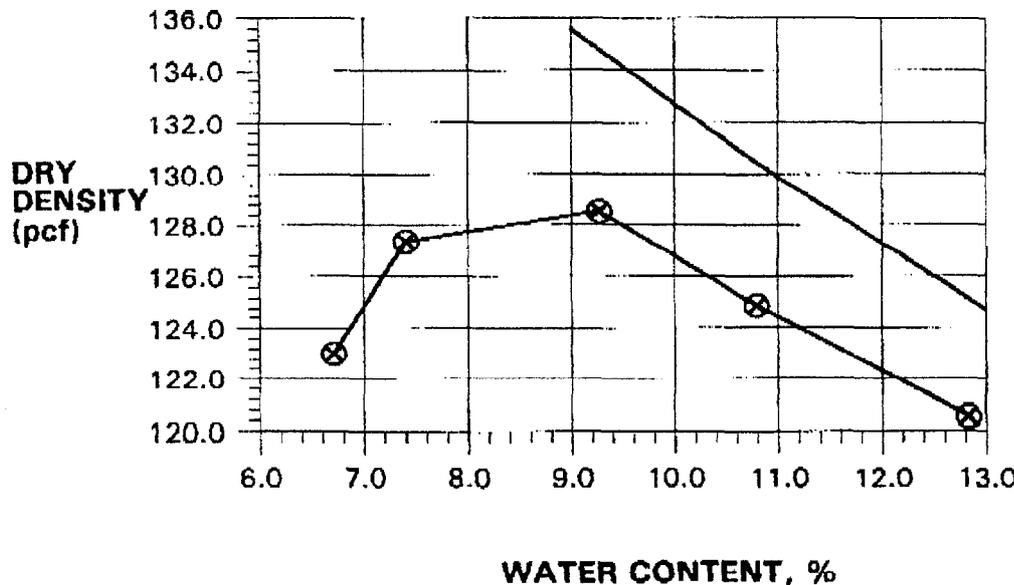
Visual Description **BROWN SAND & GRAVEL TRACE OF CLAY**

Wet Density

Wt. Mold & WS (gm)	10417	10606	10731	10659	10579
Wt. Mold (gm)	5950	5950	5950	5950	5950
Wt. WS (gm)	4467	4656	4781	4709	4629
Mold Volume (cc)	2124	2124	2124	2124	2124
Wet Density (gm/cc)	2.10	2.19	2.25	2.22	2.18
Wet Density (pcf)	131.2	136.8	140.5	138.3	136.0

Water Content

Tare Number	781	1126	1123	1124	9
Wt. Tare & WS (gm)	502.20	384.42	483.80	526.40	553.10
Wt. Tare & DS (gm)	476.00	363.80	450.00	483.40	498.70
Wt. Water (gm)	26.20	20.62	33.80	43.00	54.40
Wt. Tare (gm)	85.37	85.17	85.48	85.01	74.64
Wt. DS (gm)	390.63	278.63	364.52	398.39	424.06
Water Content (%)	6.7	7.4	9.3	10.8	12.8
Dry Density (pcf)	123.0	127.4	128.5	124.9	120.5



Specific Gravity
2.70
ASSUMED

Zero Air Voids	
Water Content (%)	Dry Unit Weight (pcf)
9	135.5
11	129.9
13	124.7

⊗ Test Data
— Zero Air Voids



WASH SIEVE ANALYSIS

Client OHM Tested By JP Date 12-12-94
 Client Project 16330 Checked By SK Date 12-15-94
 Project No. 94370
 Boring No. NA
 Depth(ft.) NA
 Sample No. SELECT BACKFILL
 Soil Description BROWN CLAYEY SAND WITH GRAVEL

Wt. of Total Sample(dry) (2) 1075.2 gm. Wt of Grand Total (1) 21685.03
 Wt. of + #200 Sample 922.5 gm.
 Wt. of -#200 Sample 152.8 gm. J Factor 0.8911
 (Percent finer than 3/4")

Sieve	Sieve Opening (mm)	Wt. of Soil Retained (gm.)		Percent Retained	Accumulate Percent Retained	Percent Finer	Final Percent Finer (3)
12"	300.0	0.00		0.00	0.00	100.00	100.0
6"	150.0	0.00		0.00	0.00	100.00	100.0
3"	75.0	0.00		0.00	0.00	100.00	100.0
2"	50.0	0.00		0.00	0.00	100.00	100.0
1 1/2"	37.5	0.00	+ 3/4"	0.00	0.00	100.00	100.0
1"	25.0	957.00	SIEVE	4.41	4.41	95.59	95.6
3/4"	19.0	1404.00	ANALYSIS	6.47	10.89	89.11	89.1
1/2"	12.5	126.25	- 3/4"	11.74	11.74	88.26	78.6
3/8"	9.5	70.05	SIEVE	6.52	18.26	81.74	72.8
#4	4.75	154.00	ANALYSIS	14.32	32.58	67.42	60.1
#10	2.00	101.60		9.45	42.03	57.97	51.7
#20	0.85	57.51		5.35	47.38	52.62	46.9
#40	0.425	163.78		15.23	62.61	37.39	33.3
#60	0.250	162.23		15.09	77.70	22.30	19.9
#140	0.106	76.80		7.14	84.84	15.16	13.5
#200	0.075	10.24		0.95	85.79	14.21	12.7
Pan	-	152.75		14.21	100.00	-	-

Water Content
 Tare No. 1313 TOTAL WET WGHT. -3/4 SIEVE 21549
 Wgt. Tare + WS. 1305.90
 Wgt. Tare + DS. 1182.10
 Wgt. Tare 106.89 TOTAL DRY WGHT. -3/4 SIEVE 19324
 Wgt. Of Water 123.80
 Wgt. Of DS. 1075.21
 % Water 11.5

Note: 1) The +3/4" sieve analysis is based on the grand total dry weight of material.
 2) The -3/4" sieve analysis is based on the total dry weight of the split portion of sample.
 3) The final percent finer combines the two analysis.



ATTERBERG LIMITS

Client	OHM	Tested By	BCM	Date	12-14-94
Client Project	16330	Checked By	Sik	Date	12-15-94
Project No.	94370				
Boring No.	NA				
Depth(ft)	NA				
Sample No.	SELECT BACKFILL				
Soil Description	BROWN LEAN CLAY				
	(-#40 Fraction Only, Airdried)				

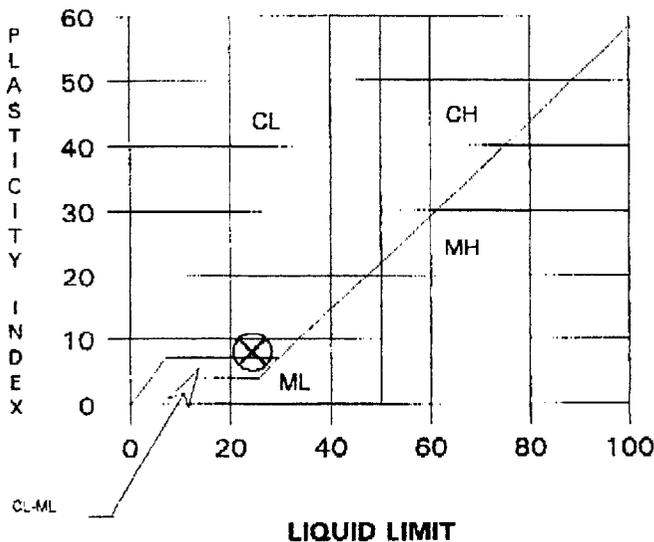
Liquid Limit

Tare Number	1533	1400	1371	930
Wt. Tare & WS (gm)	58.02	57.72	64.68	62.86
Wt. Tare & DS (gm)	54.44	54.15	59.73	58.11
Wt. Water (gm)	3.58	3.57	4.95	4.75
Wt. Tare (gm)	39.08	39.30	39.94	43.12
Wt. DS (gm)	15.36	14.85	19.79	14.99
No. of Blows	30	25	20	15
Water Content (%)	23.3	24.0	25.0	31.7

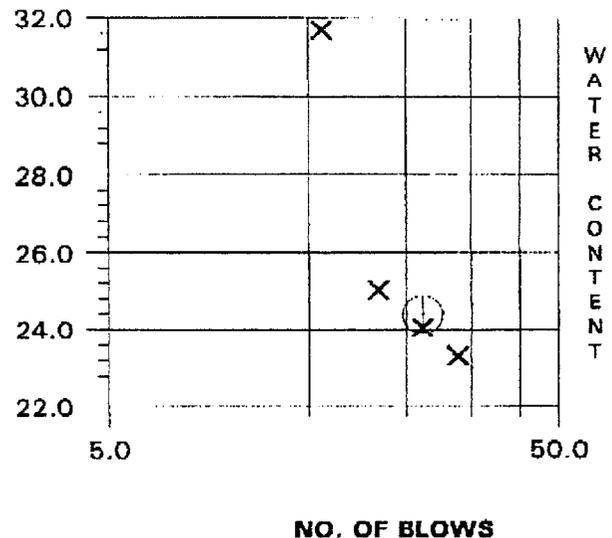
Plastic Limit

Tare Number	1451	1006	1466	Summary	
Wt. Tare & WS (gm)	48.64	50.90	46.63	Liquid Limit (%)	24
Wt. Tare & DS (gm)	47.75	49.84	45.72	Plastic Limit (%)	16
Wt. Water (gm)	0.89	1.06	0.91	Plasticity Index (%)	8
Wt. Tare (gm)	42.02	43.17	39.83	USCS Symbol	CL
Wt. DS (gm)	5.73	6.67	5.89	(-#40 Fraction)	
Water Content (%)	15.5	15.9	15.4		

PLASTICITY CHART



FLOW CURVE





MOISTURE-DENSITY RELATIONSHIP

Client	OHM	Tested By	AG	Date	12-13-94
Client Project	16330	Checked By	<i>JCM</i>	Date	12-14-94
Project No.	94370				
Boring No.	NA	Test Type			STANDARD
Depth (ft.)	NA	Wt. of Mold (gm)			5950
Sample No.	SELECT BACKFILL	Mold Volume (cc)			2124

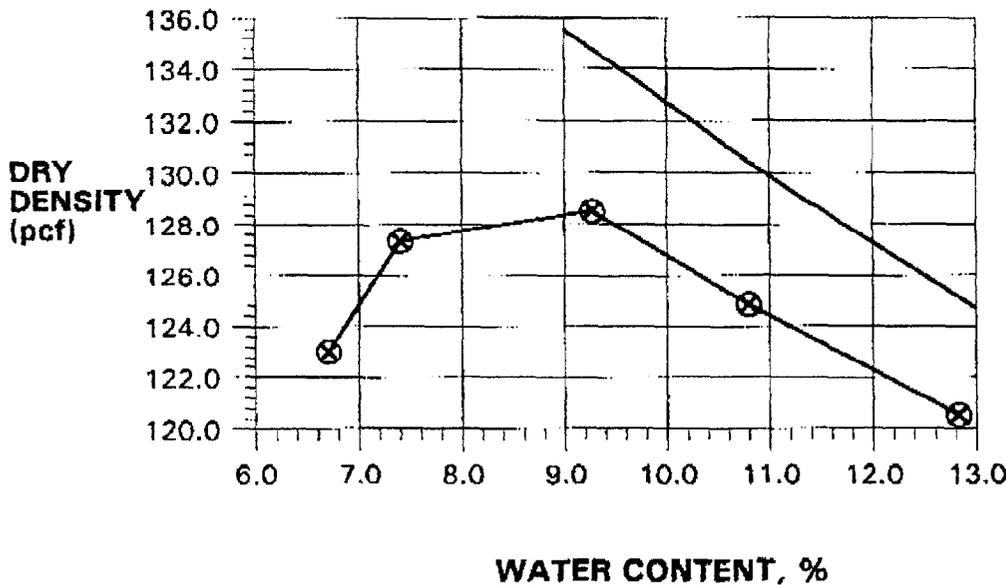
Visual Description BROWN SAND & GRAVEL TRACE OF CLAY

Wet Density

Wt. Mold & WS (gm)	10417	10606	10731	10659	10579
Wt. Mold (gm)	5950	5950	5950	5950	5950
Wt. WS (gm)	4467	4656	4781	4709	4629
Mold Volume (cc)	2124	2124	2124	2124	2124
Wet Density (gm/cc)	2.10	2.19	2.25	2.22	2.18
Wet Density (pcf)	131.2	136.8	140.5	138.3	136.0

Water Content

Tare Number	781	1126	1123	1124	9
Wt. Tare & WS (gm)	502.20	384.42	483.80	526.40	553.10
Wt. Tare & DS (gm)	476.00	363.80	450.00	483.40	498.70
Wt. Water (gm)	26.20	20.62	33.80	43.00	54.40
Wt. Tare (gm)	85.37	85.17	85.48	85.01	74.64
Wt. DS (gm)	390.63	278.63	364.52	398.39	424.06
Water Content (%)	6.7	7.4	9.3	10.8	12.8
Dry Density (pcf)	123.0	127.4	128.5	124.9	120.5



Specific Gravity
2.70
ASSUMED

Zero Air Voids	
Water Content (%)	Dry Unit Weight (pcf)
9	135.5
11	129.9
13	124.7

⊗ Test Data
— Zero Air Voids

CONTRACTOR'S SUBMITTAL TRANSMITTAL

LANTDIV NORFOLK 4-4355/3 (Rev. 11-90)

CONTRACT NO.	TRANSMITTAL NO	DATE
PROJECT TITLE AND LOCATION		
Silver Creek Indian head MD		

FROM CONTRACTOR

OHM

CONTRACTOR USE ONLY	REVIEWER USE ONLY
<p>*List only one specification division per form.</p> <p>List only one of the following categories on each transmittal form, and indicate which is being submitted</p> <p><input type="checkbox"/> Contractor Approved <input type="checkbox"/> OICC Approval <input type="checkbox"/> Deviation/Substitution For OICC Approval</p>	<p>**ACTION CODES</p> <p>A-Approved D-Disapproved AN-Approved as noted RA-Receipt acknowledged. C-Comments R-Resubmit</p>

ITEM NO	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO.	ITEM IDENTIFICATION (Type, size, model no., mfg. name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES	REVIEWER'S INITIALS CODE AND DATE
		Silver Contaminated Soil			

CONTRACTOR'S COMMENTS

Will not meet compaction specs

COPIES OF TRANSMITTAL AND SUBMITTALS TO ROICC	CONTRACTOR REPRESENTATIVE (Signature)
DATE RECEIVED BY REVIEWER	FROM (Reviewer) TO

- Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.
- Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

COPIES TO: ROICC (2) LANTDIV (1) A-E (1)	DATE	SIGNATURE Matthew C J
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SILVER CONTAMINATED
Soils



MOISTURE CONTENT DETERMINATION

Client	OHM	Tested By	BCM	Date	12-16-94
Client Project	16330	Checked By	<i>JCM</i>	Date	12-27-94
Project No.	94370-01				

MOISTURE CONTENT

Boring No.	NA
Depth(ft).	NA
Sample No.	12-16-94
Tare Number	8780
Wt. Tare & WS(gm.)	1234.20
Wt. Tare & DS(gm.)	982.40
Wt. Water(gm.)	251.80
Wt. Tare(gm.)	108.48
Wt. DS(gm.)	873.92
Moisture Content(%)	28.8

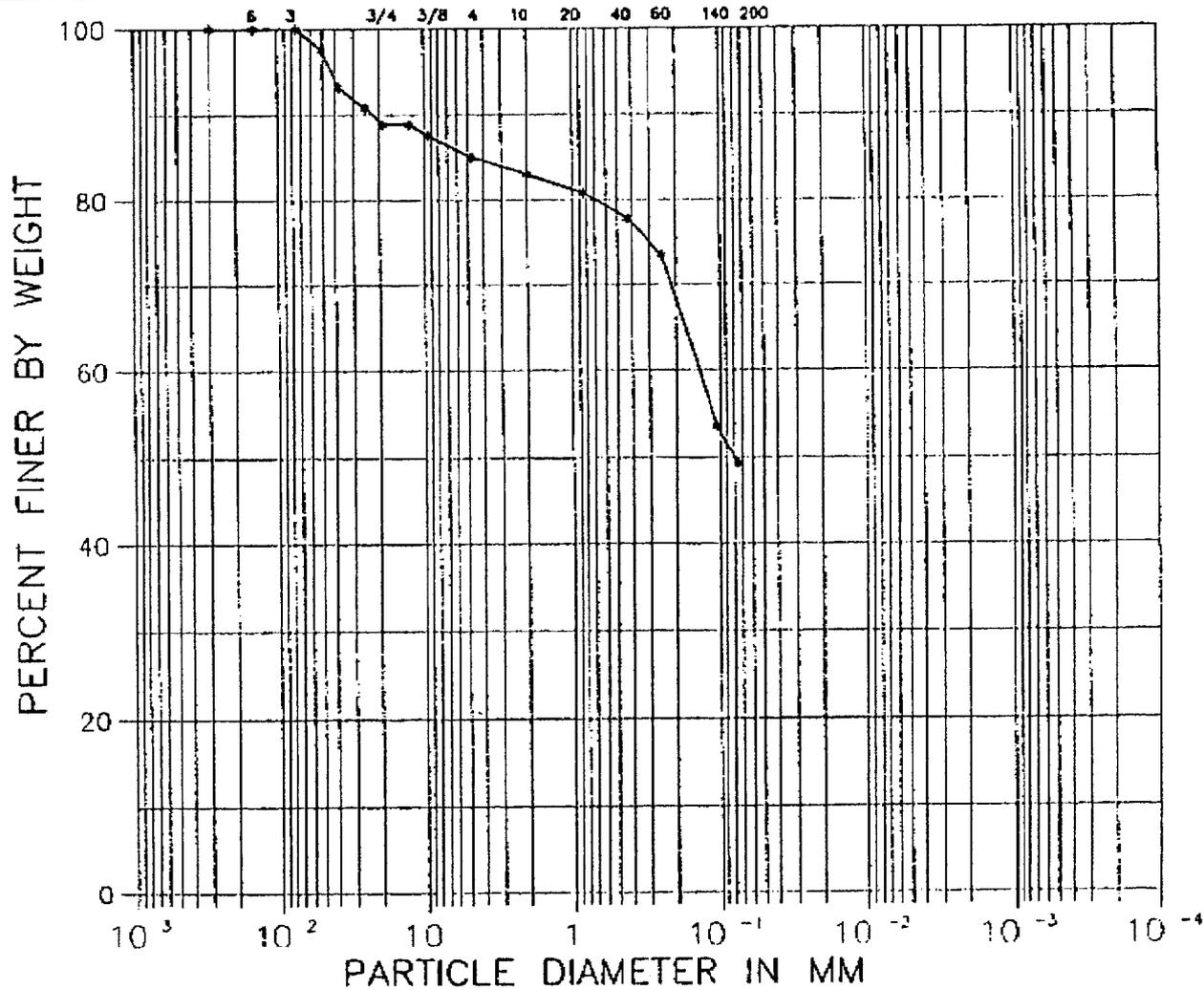
Client OHM
 Client Project 16330
 Project No. 94370-01
 USCS Classification SC
 Soil Description BROWN CLAYEY SAND

Boring No. NA
 Depth(ft) NA
 Sample No. 12-16-94
 USDA Classification NA

SIEVE ANALYSIS

HYDROMETER

USCS	GRAVEL	SAND	SILT AND CLAY FRACTION	
USDA	GRAVEL	SAND	SILT	CLAY



PO, Box 10823 • Pittsburgh, PA 15233 • Phone (412) 243-0333 • Fax (412) 243-7850





WASH SIEVE ANALYSIS

Client	OHM	Tested By	TLO	Date	12-19-94
Client Project	16330	Checked By	<i>JM</i>	Date	12-27-94
Project No.	94370-01				
Boring No.	NA				
Depth(ft.)	NA				
Sample No.	12-16-94				
Soil Description	BROWN CLAYEY SAND				

Wt. of Total Sample(dry) (2)	826.6 gm.	Wt of Grand Total (1)	15758.07
Wt. of + #200 Sample	368.2 gm.		
Wt. of -#200 Sample	458.3 gm.	J Factor	0.8891
		(Percent finer than 3/4")	

Sieve	Sieve Opening (mm)	Wt. of Soil Retained (gm.)	Percent Retained	Accumulate Percent Retained	Percent Finer	Final Percent Finer (3)	
12"	300.0	0.00	0.00	0.00	100.00	100.0	
6"	150.0	0.00	0.00	0.00	100.00	100.0	
3"	75.0	0.00	0.00	0.00	100.00	100.0	
2"	50.0	389.00	2.47	2.47	97.53	97.5	
1 1/2"	37.5	668.40	+ 3/4"	4.24	6.71	93.29	93.3
1"	25.0	386.20	SIEVE	2.45	9.16	90.84	90.8
3/4"	19.0	303.80	ANALYSIS	1.93	11.09	88.91	88.9
1/2"	12.5	0.00	- 3/4"	0.00	0.00	100.00	88.9
3/8"	9.5	11.60	SIEVE	1.40	1.40	98.60	87.7
#4	4.75	24.01	ANALYSIS	2.90	4.31	95.69	85.1
#10	2.00	18.88		2.28	6.59	93.41	83.0
#20	0.85	20.26		2.45	9.04	90.96	80.9
#40	0.425	28.13		3.40	12.45	87.55	77.8
#60	0.250	40.68		4.92	17.37	82.63	73.5
#140	0.106	184.78		22.36	39.72	60.28	53.6
#200	0.075	39.90		4.83	44.55	55.45	49.3
Pan	-	458.31		55.45	100.00	-	-

Water Content		
Tare No.	1079	TOTAL WET WGHT. -3/4 SIEVE
Wgt. Tare + WS.	998.30	15104
Wgt. Tare + DS.	933.80	
Wgt. Tare	107.25	TOTAL DRY WGHT. -3/4 SIEVE
Wgt. Of Water	64.50	14011
Wgt. Of DS.	826.55	
% Water	7.8	

Note: 1) The + 3/4" sieve analysis is based on the grand total dry weight of material.
 2) The -3/4" sieve analysis is based on the total dry weight of the split portion of sample.
 3) The final percent finer combines the two analysis.



ATTERBERG LIMITS

Client	OHM	Tested By	BCM	Date	12-21-94
Client Project	16330	Checked By	<i>JEM</i>	Date	12-22-94
Project No.	94370-01				
Boring No.	NA				
Depth(ft)	NA				
Sample No.	12-16-94				
Soil Description	BROWN LEAN CLAY				
	(-#40 Fraction Only, Airdried)				

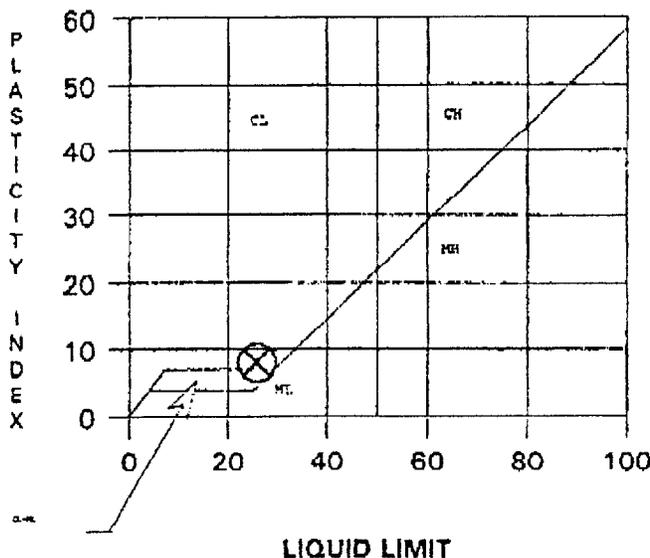
Liquid Limit

Tare Number	1467	1490	1438	1544	1380
Wt. Tare & WS (gm)	69.29	62.85	62.50	65.77	60.64
Wt. Tare & DS (gm)	63.82	58.27	58.10	60.16	54.98
Wt. Water (gm)	5.47	4.58	4.40	5.61	5.66
Wt. Tare (gm)	41.64	40.31	41.40	39.77	35.86
Wt. DS (gm)	22.18	17.96	16.70	20.39	19.12
No. of Blows	33	27	21	16	10
Water Content (%)	24.7	25.5	26.3	27.5	29.6

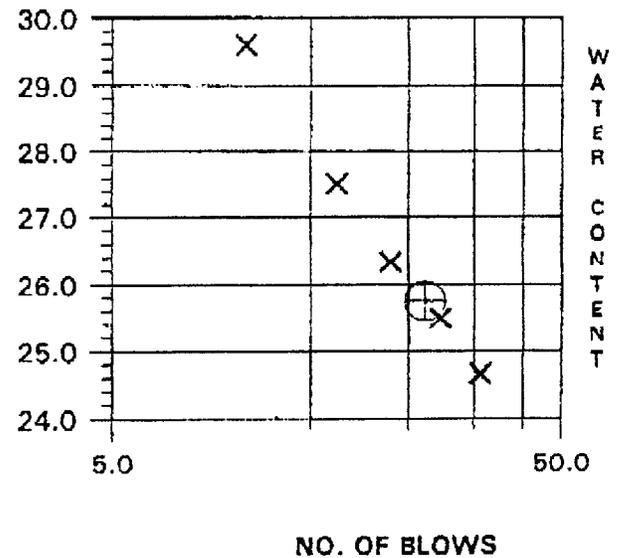
Plastic Limit

Tare Number	1107	1523	1019	Summary	
Wt. Tare & WS (gm)	48.72	39.44	54.64	Liquid Limit (%)	26
Wt. Tare & DS (gm)	47.78	38.46	53.54	Plastic Limit (%)	18
Wt. Water (gm)	0.94	0.98	1.10	Plasticity Index (%)	8
Wt. Tare (gm)	42.37	33.04	47.36	USCS Symbol	CL
Wt. DS (gm)	5.41	5.42	6.18	(-#40 Fraction)	
Water Content (%)	17.4	18.1	17.8		

PLASTICITY CHART



FLOW CURVE





MOISTURE-DENSITY RELATIONSHIP

Client	OHM	Tested By	BS	Date	12-19-94
Client Project	16330	Checked By	<i>JM</i>	Date	12-20-94
Project No.	94370-01	Test Type			STANDARD
Boring No.	NA	Wt. of Mold (gm)			5676
Depth (ft.)	NA	Mold Volume (cc)			2124
Sample No.	12-16-94				

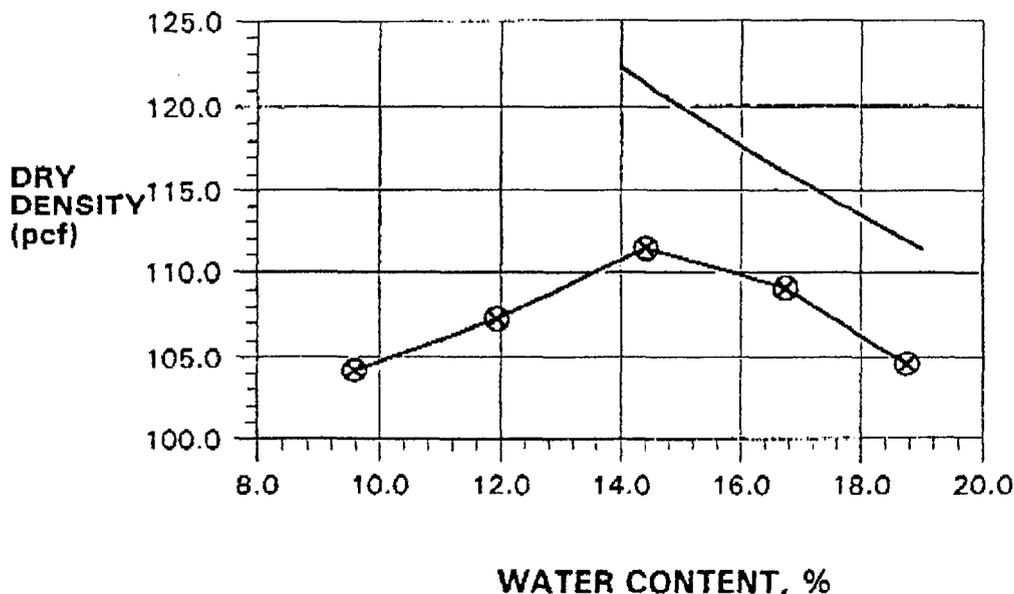
Visual Description BROWN CLAY WITH ROCK FRAGMENTS

Wet Density

Wt. Mold & WS (gm)	9562	9764	10015	10011	9903
Wt. Mold (gm)	5676	5676	5676	5676	5676
Wt. WS (gm)	3886	4088	4339	4335	4227
Mold Volume (cc)	2124	2124	2124	2124	2124
Wet Density (gm/cc)	1.83	1.92	2.04	2.04	1.99
Wet Density (pcf)	114.2	120.1	127.5	127.4	124.2

Water Content

Tare Number	1123	210	783	729	781
Wt. Tare & WS (gm)	596.70	773.40	644.10	655.30	723.40
Wt. Tare & DS (gm)	552.00	700.10	573.80	573.80	622.70
Wt. Water (gm)	44.70	73.30	70.30	81.50	100.70
Wt. Tare (gm)	85.48	85.95	85.88	86.75	85.36
Wt. DS (gm)	466.52	614.15	487.92	487.05	537.34
Water Content (%)	9.6	11.9	14.4	16.7	18.7
Dry Density (pcf)	104.2	107.3	111.4	109.1	104.6



Specific Gravity
2.70
ASSUMED

Zero Air Voids	
Water Content (%)	Dry Unit Weight (pcf)
14	122.3
16	117.7
19	111.4

⊗ Test Data
— Zero Air Voids

APPENDIX C
SITE PHOTOGRAPHS



1: SITE AREA BEFORE CONSTRUCTION, JULY 1994



2: SITE AREA BEFORE CONSTRUCTION, JULY 1994



3: SITE AREA BEFORE CONSTRUCTION, JULY 1994



4: SITE AREA BEFORE CONSTRUCTION, JULY 1994



**5: SITE AFTER SILVER CONTAMINATED SOIL REMOVAL,
DECEMBER 1994**



**6: SITE AFTER SILVER CONTAMINATED SOIL REMOVAL,
DECEMBER 1994**



7: SITE AFTER SILVER CONTAMINATED SOIL REMOVAL,
DECEMBER 1994



8: SITE RESTORATION WITH BACKFILL IN-PLACE, JANUARY 1995



9: SITE AFTER TOPSOIL/SEED/CONTROL MATS INSTALLATION,
JANUARY 1995



10: SITE AFTER TOPSOIL/SEED/CONTROL MATS INSTALLATION,
JANUARY 1995



11: STUMP NECK FILL AREA BEFORE FILL OPERATION, JULY 1994



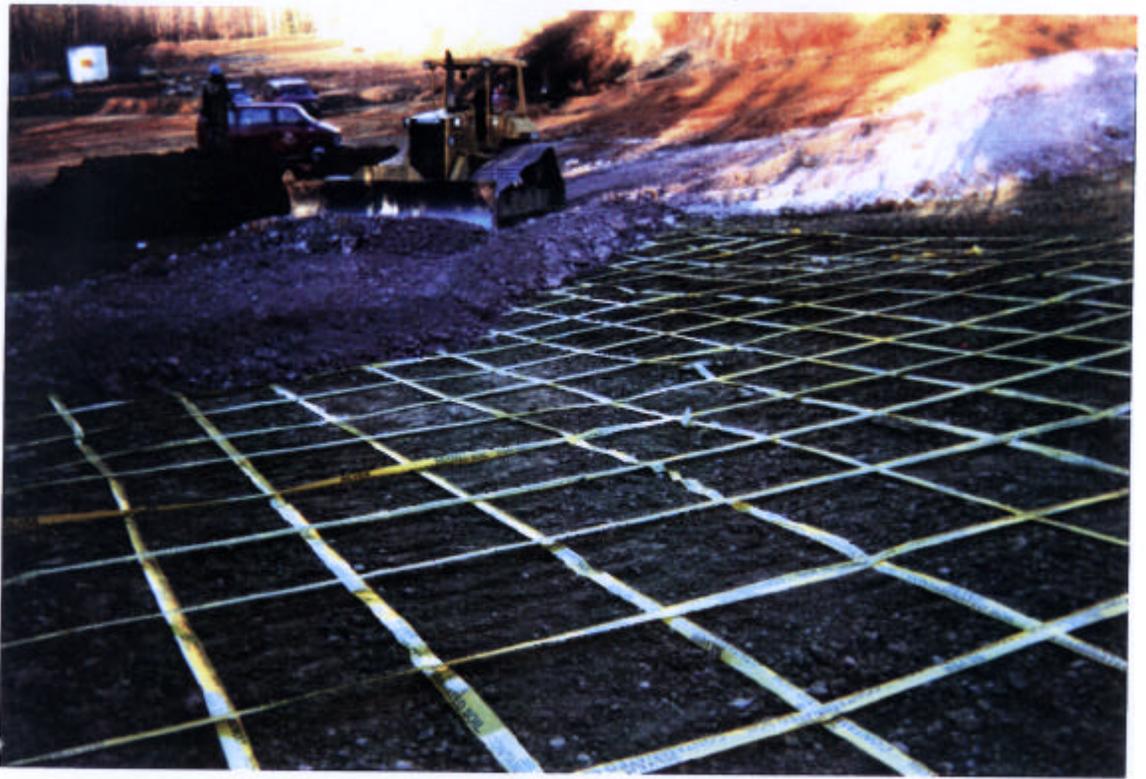
12: GRADING SILVER CONTAMINATED SOIL AT STUMP NECK ANNEX, DECEMBER 1994



13: SILVER CONTAMINATED SOIL FILL AREA, AFTER GRADING AT STUMP NECK ANNEX, DECEMBER 1994



14: CLAY CAP PLACEMENT AT STUMP NECK ANNEX, JANUARY 1995



15: PLACING CLAY CAP ON TOP OF SILVER CONTAMINATED SOIL AFTER PLACEMENT OF WARNING TAPE, JANUARY 1995



16: CLAY CAP PLACEMENT AT STUMP ANNEX, JANUARY 1995



17: COVER SOIL PLACEMENT BEFORE TOPSOIL/SEED/EROSION CONTROL MAT, JANUARY 1995