

*FINAL*

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**DECISION DOCUMENT/CLOSURE REPORT  
LATERAL CONTROL PIT (LCP) E-6  
FORMER GRIFFISS AIR FORCE BASE  
ROME, NEW YORK**

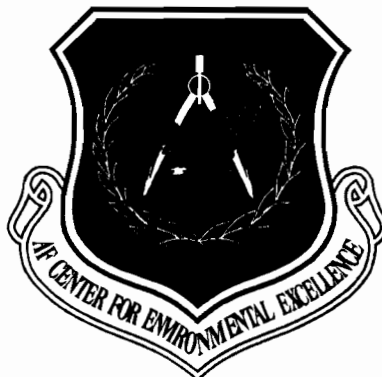
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**CONTRACT: F41624-01-D-8544**

**TASK ORDER: 0002  
PROJECT NO. JREZ 2000-7007**

*PREPARED FOR:*



**HQ AFCEE/ERB**

3300 Sidney Brooks  
Brooks Air Force Base, Texas 78235-5263

**PREPARED BY:**

**PARSONS**

290 Elwood Davis Road, Suite 312  
Liverpool, New York 13088  
(315) 451-9560 Fax (315) 451-9570

**DECEMBER 2003**

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LATERAL CONTROL PIT (LCP) E-6  
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*Prepared For:*

**HQ AFCEE/ERB**

3300 Sidney Brooks  
Brooks City-Base, Texas 78235-5112

*Prepared By:*

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**REVIEWED AND APPROVED BY:**

Project Manager:	<u>John James / JJB</u>	<u>12/09/03</u>
		Date
Technical Manager:	<u>Craig J. Butts</u>	<u>12/09/03</u>
		Date

**DECEMBER 2003**

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**PARSONS**

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## LIST OF ACRONYMS

AFRPA	Air Force Real Property Agency
AFCEE	Air Force Center for Environmental Excellence
AMSL	above mean sea level
AST	aboveground storage tank
cy	cubic yard
DFR	daily field report
FPM Group	Fanning Philip and Molnar
GAFB	Griffiss Air Force Base
LCP	Lateral Control Pit
NYS	New York State
NW	northwest
NYSDEC	New York State Department of Environmental Conservation
PID	photoionization detector
ppm	parts per million
ppb	parts per billion
PPE	personal protective equipment
SAC	Strategic Air Command
SVOC	semivolatile organic compounds
SW	southwest
TAGM	Technical and Administrative Guidance Memorandum
USEPA	United State Environmental Protection Agency
VOC	volatile organic compound

## SECTION 1

### INTRODUCTION

#### 1.1 PROJECT BACKGROUND

This report summarizes the remedial action for the Lateral Control Pit (LCP) E-6. The remedial action was based on exceedances of NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 soil cleanup objectives identified by analytical results from soil boring samples collected during an investigation performed by FPM Group, Ltd. (FPM) in 2002. Exceedances were limited to samples collected at LCP E-6, near vent well LF6VMW1 and monitoring point MP-A. Further details of this investigation and a summary of the results can be found in the Draft Informal Technical Information Report, Chlorobenzenes Summary Report Apron 1 and 2 Areas (FPM, September, 2002).

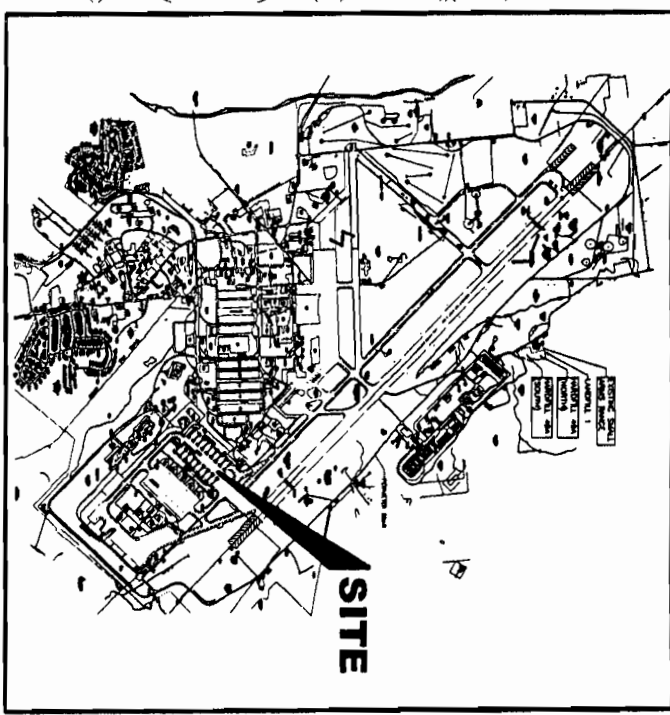
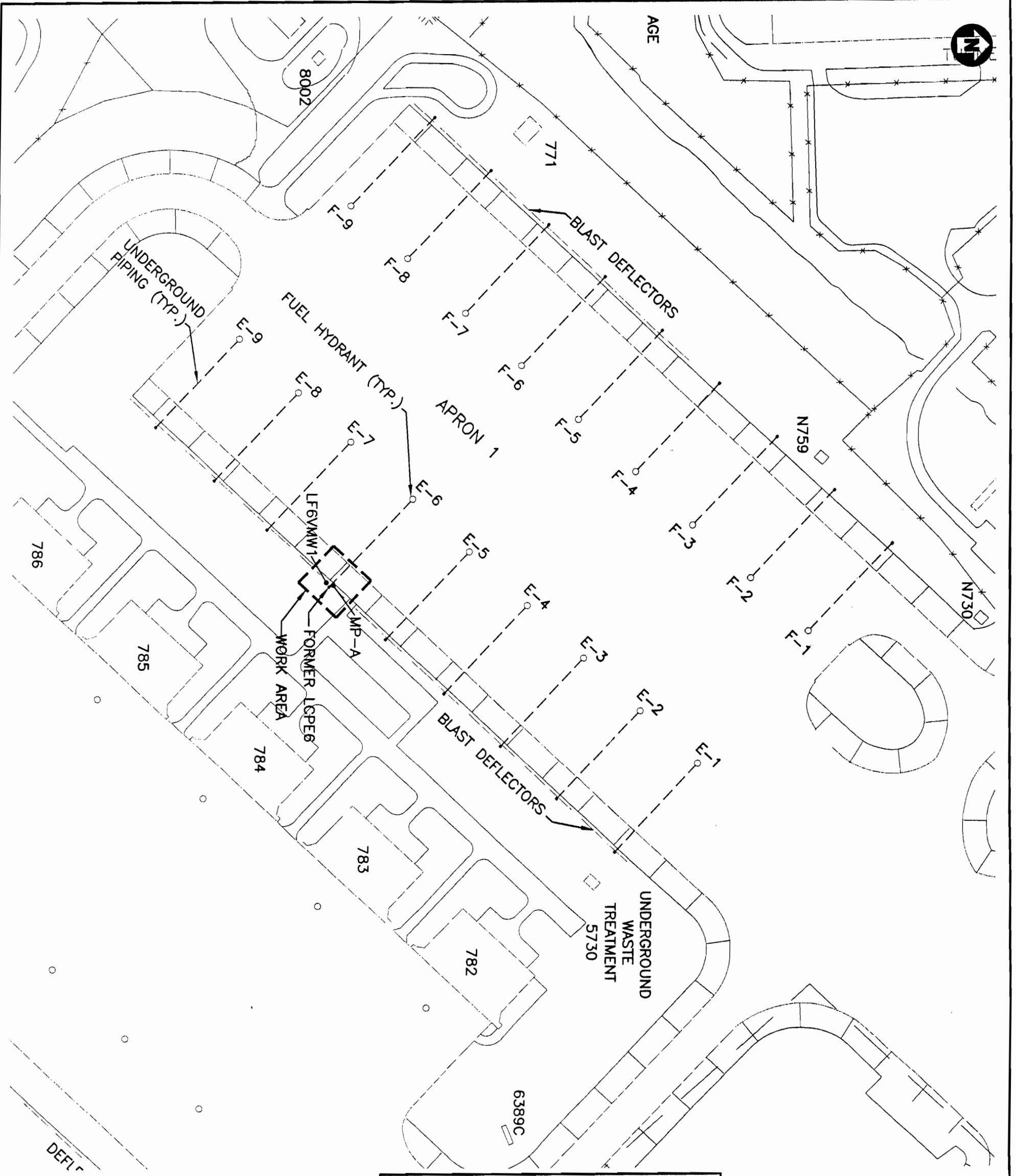
Although petroleum contamination exists in the area of LCP E-6, the objective of this action was source removal of soils impacted by dichlorobenzene only. Petroleum contaminated soils in Apron 1 area are currently being treated by a bioventing system installed in 2002. The LCP E-6 site will be added to the biovent system in 2003.

#### 1.2 SITE DESCRIPTION

The former Griffiss Air Force Base (GAFB) is located approximately two miles northeast of the city of Rome, county of Oneida, in central New York State. GAFB property covers approximately 3,540 acres and is situated in the relatively broad valley of the Mohawk River at an average elevation of 504 feet above mean sea level (AMSL).

Apron 1 is a former aircraft parking apron and refueling area and is located in the southeast portion of GAFB. Apron 1 is approximately 1,600 by 900 feet in size and is relatively flat, 18-inch thick, steel-reinforced concrete pad. Fifty-foot wide areas of asphalt paving on the northwest and southeast sides flank the concrete paving. The surrounding surface is unpaved lawn. The Apron 1 refueling system has been decommissioned with portions of the below ground piping closed in place. This decommissioning was conducted in the summer of 1996, as described in the Decision Document/Closure Report for Environmental Compliance and Closure Related Tasks at GAFB, Volume II, (Peer, 1997).

The apron has recently been used to stockpile petroleum-contaminated soil for on-site treatment and land-farming activities. Among the components of the Apron 1 refueling system were eighteen LCPs. Each LCP was a concrete structure that contained a floor and sump pit that housed fuel piping, valves, and other appurtenances. The LCPs supplied fuel to the 18 hydrants on the apron that contained spring-loaded poppets for coupling the fuel lines directly to the aircraft. LCP E-6 is located in the southeast portion of Apron 1. Figure 1.2 shows Apron 1, and the location of LCP E-6.



SITE MAP  
SCALE: 1 INCH=5000 FEET

- LEGEND**
- UNDERGROUND PIPING
  - - - - - LIMIT OF WORK AREA



FIGURE 1

FORMER GRIFTISS AIR FORCE BASE, ROME, NEW YORK  
SITE LOCATION MAP

**PARSONS**  
240 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

○ E-5

TO BLDG. 784 →



EDGE OF CONCRETE APRON

ASPHALT PARKING

**NOTES:**

1. TEMPORARILY CUT AND REMOVE THE EXISTING 4" PVC PIPE (BIOVENT SYSTEM) PRIOR TO EXCAVATING. REPLACE PIPE AFTER BACKFILLING.
2. EXCAVATE TO GROUNDWATER ( $\pm 1'4"$  BGS) WITHIN LIMIT OF EXCAVATION.
3. STOCKPILE ON 10-MIL POLY ADJACENT TO EXCAVATION. COVER STOCKPILE WITH 6-MIL POLY.
4. BACKFILL AND RESTORE AREA TO PRE-EXCAVATION CONDITIONS.

E-6  
 FUEL HYDRANT (TYP.)  
 UNDERGROUND PIPE

APRON 1

ASPHALT

FORMER LCP E-6

MP-E

MP-A

\*LF6VMW1

MP-C

MP-D

MP-B

4" STEEL PIPE

ABANDONED ELECTRICAL CONDUIT

10'x10' BLDG.

25'x25' EXCAVATION AREA

4" PVC PIPE

EDGE OF CONCRETE PAD

GRASSY AREA

○ E-7

EDGE OF CONCRETE APRON

BLAST SHIELDS

8'

TO BLDG. 785 →

**LEGEND**

--- LIMIT OF EXCAVATION

X X X LOCATION OF BLAST SHIELDS

■ CUT/CAP LOCATION

\* LF6VMW1 IS THE SAME AS LE6VM1 IN PREVIOUS REPORTS.



**FIGURE 2**

FORMER GRIFFISS AIR FORCE BASE, ROME, NEW YORK  
**EXCAVATION AREA**

**PARSONS**

290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560



## SECTION 2

### REMEDIAL ACTIVITIES

#### 2.1 SOURCE REMOVAL

##### 2.1.1 Excavation

Source removal of contaminated soil at the LCP E-6 site was conducted on May 7, 2003, and May 8, 2003. The area of excavation was 25 feet by 25 feet area, to the depth of groundwater. Approximately 308 cubic yards (cy) of contaminated soil was excavated from the site. In addition, approximately 15 linear feet of 6-inch fuel line for the former hydrant E-6 were removed. Excavated materials were transported by Mangiardi Brothers Trucking for offsite disposal at the Ontario County Landfill. A total of 529.04 tons of materials were hauled to the facility. Copies of the waste manifests for material hauled to the landfill facility are provided in Appendix A.

Following excavation, confirmatory soil samples were collected from the excavation and sent for analysis as described in Section 2.3 of this report. The analytical results indicated that there were no exceedances of TAGM 4046 soil cleanup objectives for dichlorobenzene. Table 2.1 summarizes the results of the confirmatory sampling, and Appendix B contains the Preliminary Analytical Reports for the five samples collected.

#### 2.2 SOIL SAMPLING AND ANALYTICAL RESULTS

##### 2.2.1 Post Excavation Confirmation Sampling

Post-excavation confirmatory soil samples were collected from the four sidewalls and the bottom of the excavation and sent to Tri-Matrix Laboratories, Inc. of Grand Rapids, MI (Tri-Matrix) for analyses of dichlorobenzene using Environmental Protection Agency (EPA) method 8260B. A total of five confirmatory samples were collected from the area consisting of one grab sample from each sidewall and a composite sample from the bottom. All samples were collected in accordance with the AFCEE Quality Assurance Project Plan (QAPP) Version 3.1. The sidewall grab samples and the composite sample, which was comprised of five soil grabs from random locations off the bottom, were collected using decontaminated stainless-steel spoons and placed in pre-cleaned, labeled sample containers, entered on a chain of custody form and shipped to Tri-Matrix in a cooler with ice for analyses. The preliminary analytical results indicated that no samples exceeded the TAGM 4046 dichlorobenzene cleanup criteria (Table 2.1).

#### 2.3 BACKFILL AND FINAL RESTORATION

Once analytical results of the confirmation samples indicated that the area met the cleanup objectives, the security fence was removed, and the site was backfilled with

clean soil from the SAC Hill borrow pit. Topsoil, seed and mulch were installed to match existing site grades. Final site restoration was completed in May, 2003.

#### **2.4 AIR MONITORING AND PERSONAL PROTECTIVE EQUIPMENT**

During excavation, a PID was used to monitor the air in the breathing zone to detect volatile organic compounds, no readings above action levels were recorded. Level D personal protection was worn for the duration of the remediation work. No illnesses or injuries were reported during this remedial action.

#### **2.5 DAILY FIELD REPORTS WITH PHOTOS**

Daily field reports (DFR) including photographic documentation of the fieldwork, site conditions and progress were maintained daily, and are included as Appendix C.

LCP E-6 Confirmation Soil Sampling  
Analytical Results (ppm)

TABLE 2.1

Field Sample ID	TAGM 4046 Soil Cleanup Objective (ppm)	Practical Quantification Limits for Soil (ppm)	331583 LCP E-6 5/14/2003 NW sidewall	331584 LCP E-6 5/14/003 SW sidewall	331585 LCP E-6 5/14/2003 SE sidewall	331586 LCP E-6 5/14/004 NE sidewall	331587 LCP E-6 5/14/2003 bottom
<b>SVOCs (mg/Kg)</b>							
1,2-Dichlorobenzene	7900.000	700.000	U	U	U	U	U
1,3-Dichlorobenzene	1600.000	700.000	U	U	U	U	U
1,4-Dichlorobenzene	8500.000	700.000	U	U	U	U	U
Notes:							
F- The analyte was positively identified but the associated numerical value is below the RL.							
J - The contaminant is positively identified, but the quantity is an approximation of the concentration.							
U - non - detect.							
* - Based on non-detect analytical results from the first sampling event, these compounds were not re-analyzed.							
Exceedance of TAGM criteria							

## **SECTION 3**

### **SUMMARY**

#### **3.1 SUMMARY**

A total of 308 cy of soil was excavated from the LCP E-6 site, transported, and disposed of at the Ontario County Landfill. Post-excavation confirmatory soil samples collected from the sidewalls and bottom of the excavation area were analyzed for dichlorobenzene. Analytical results were compared to the NYSDEC TAGM 4046 soil cleanup objectives, to confirm that dichlorobenzene levels were below the recommended cleanup objectives. The site was backfilled, graded, topsoiled and seeded. Final site restoration was completed in May, 2003.

#### **3.2 CONCLUSIONS**

Based on the analysis of confirmatory soil samples collected from the excavation area, dichlorobenzene-impacted soils at the LCP E-6 site have been removed. The site has been remediated to meet the NYSDEC TAGM 4046 soil clean up objectives for dichlorobenzene, and the excavation area has been backfilled with clean soil and restored.

**APPENDIX A**  
**WASTE MANIFESTS**



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS  
PART 364

WASTE TRANSPORTER PERMIT NO. 4A-209

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

COPY

PERMIT ISSUED TO:

MANGIARDI BROTHERS TRUCKING  
1960 PITTSFIELD ROAD  
CASTLETON, NY 12033

PERMIT TYPE:

- NEW
- RENEWAL
- MODIFICATION

CONTACT NAME: NICK MANGIARDI  
COUNTY: RENSSELAER  
TELEPHONE NO: (518)477-8940

EFFECTIVE DATE: 03/01/2003  
EXPIRATION DATE: 02/28/2004  
US EPA ID NUMBER: NYR000097972

AUTHORIZED WASTE TYPES:

The Permittee is Authorized to Transport the Following Waste Type(s):

- |                                     |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Non-Hazardous Industrial/Commercial | Non-Residential Raw Sewage or Sewage-Contaminated Wastes |
| Waste Tires                         |                                                          |
| Asbestos                            | Sludge from Sewage or Water Supply Treatment Plant       |
| Petroleum Contaminated Soil         | Hazardous Industrial/Commercial                          |

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:  
(Vehicles enclosed in ◁'s are authorized to haul septage only)

22 PERMITTED VEHICLE(S)

- |            |            |             |
|------------|------------|-------------|
| NY AC21075 | NY AC96815 | NY AC97230  |
| NY AC98555 | NY AC96819 | NY AE52018  |
| NY AC96567 | NY AC96827 | End of List |
| NY AC96590 | NY AC96828 |             |
| NY AC96596 | NY AC96834 |             |
| NY AC96628 | NY AC96843 |             |
| NY AC96838 | NY AC96821 |             |
| NY AC96648 | NY AC96830 |             |
| NY AC96804 | NY AC97037 |             |
| NY AC96809 | NY AC97050 |             |

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

PERMIT ADMINISTRATOR: Barbara J. Emerick

ADDRESS: New York State Department of Environmental Conservation  
Division of Solid & Hazardous Materials - Waste Transporter Program  
625 Broadway, 9th Floor  
Albany, NY 12233-7253

AUTHORIZED SIGNATURE: Barbara Emerick Date: 2/21/03

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301229

0000301229

Load #: 1

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER  Mangiardi Bros Trucking 1960 Pittsfield Rd. Castleton, NY	DATE	TIME IN / OUT	
	6/3/03	7:40	0800
	EWS# 6573		
TRUCK# 31 48258 PA	TRAILER# 16	NY 97230	

CONSIGNEE: ONTARIO COUNTY DEPARTMENT OF SOLID WASTE POST LANE ROAD; ROUTE 5 & 20 STANLEY, NY 14561 585-396-4000	SHIPPER 15 <sup>1/2</sup> Brooks Rd. GRIFFIS AFB AFRPA-DA ROME, NY 13441  315 330-2275
PHONE#	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark Rabe* PRINT NAME Mark Rabe  
 DRIVER SIGNATURE *Gary Dancy* PRINT NAME Gary Dancy

SPECIAL INSTRUCTIONS:  
 handling hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301230

0000301230

Load #: 2

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <b>Mangiardi Bros. Trucking</b> 1760 Pittsfield Rd Castleton NY 12033	DATE		TIME IN / OUT	
	6/3/03		800	825
	EWS# 6573			
TRUCK# 37 48266 PA	TRAILER# 13 NY AC96921			

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> POST LANE ROAD; ROUTE 5 & 20 STANLEY, NY 14561 585-396-4000  PHONE#	SHIPPER <sup>153 DEWICKS RD</sup> <b>GRIFFIS AFB</b> AERPA - DA ROME, NY 13441  315-330-2275
---------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN WEIGHT OUT BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Kaban* PRINT NAME Mark R. Kaban

DRIVER SIGNATURE *[Signature]* PRINT NAME [Signature]

SPECIAL INSTRUCTIONS:  
 Handling hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.  The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest.  This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ QAM ___ QPM ___	



# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301231

0000301231

Load #:

3

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>M. Angiardi Bros. Trucking</i> <i>1960 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE	TIME IN / OUT	
	<i>6/3/03</i>	<i>9:37</i>	<i>10:00</i>
EWS# <i>6573</i>			
TRUCK# <i>45</i>	<i>NY 48257PA</i>	TRAILER#	<i>NY AH57661</i>

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>	SHIPPER <i>152 Brooks Rd</i> <b>GRIFFIS AFB</b> <b>AFRPA DA</b> <b>ROME, NY</b>  <i>315-330-2275</i>
PHONE#	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Rabe* PRINT NAME *MARK R. RABE*

DRIVER SIGNATURE *Chris Hale* PRINT NAME *Chris Hale*

SPECIAL INSTRUCTIONS:  
*Landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).*

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM	

1st Copy - Earthwatch

2nd Copy - Driver

3rd Copy - Land Fill

4th Copy Shipper

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301232

0000301232

Load #: 4

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mangiardi Bros. Trucking</i> <i>1960 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE		TIME IN / OUT	
	<i>4/3/03</i>		<i>10:00</i>	<i>10:30</i>
	EWS# <i>6573</i>			
TRUCK# <i>36</i>	<i>NY 48265 PA</i>	TRAILER# <i>23</i>	<i>NY AC 96590</i>	

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>  PHONE#	SHIPPER <i>153 Brooks Rd</i> <b>GRIFFIS AFB</b> <b>AFRPA-DA</b> <b>ROME, NY</b>  <i>315-330-2275</i>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Rabe* PRINT NAME *Mark R. Rabe*

DRIVER SIGNATURE *J. W. Brown* PRINT NAME *J. W. Brown*

SPECIAL INSTRUCTIONS:  
 Landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.  The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest.  This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM	

1st Copy - Earthwatch

2nd Copy - Driver

3rd Copy - Land Fill

4th Copy Shipper

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301233

0000301233

Load #: 5

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mangiardi Bros. Trucking</i> <i>1960 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE		TIME IN / OUT	
	<i>6/3/03</i>		<i>1030</i>	<i>1140</i>
	EWS# <i>6573</i>			
TRUCK# <i>42 NY 48264PA</i>	TRAILER# <i>24</i>		NY AC97050	

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>  PHONE#	SHIPPER <i>153 Brook Rd</i> <b>GRIFFIS AFB</b> <b>AF RPA-DA</b> <b>ROME, NY</b>  <i>315-330-2275</i>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Rabe* PRINT NAME *Mark R. Rabe*  
 DRIVER SIGNATURE *Wayne Downy* PRINT NAME *Wayne Downy*

SPECIAL INSTRUCTIONS:  
*landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).*

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301234

0000301234

Load #:

6

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mangiame Bros. Trucking</i> 1966 Pittsfield Rd Castleton NY 12033	DATE		TIME IN / OUT	
	6/3/03		1305	1320
	EWS# 6573			
TRUCK# <i>31 NY 48258PA</i>	TRAILER# <i>16 NY AC 97230</i>			

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>  PHONE#	SHIPPER <i>153 Brooks Rd</i> <b>GRIFFIS AFB</b> <b>AF RPA-DA</b> <b>ROME, NY 13141</b>  <i>315 330-2275</i>
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NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *[Signature]* PRINT NAME *MAUR R RABE*

DRIVER SIGNATURE *[Signature]* PRINT NAME *GARRY DAURY*

SPECIAL INSTRUCTIONS:  
 Landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).

FOR APPROVAL:	
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest.

This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301235

0000301235

Load #: 7

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mangiardi Bros. Trucking</i> <i>1960 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE	TIME IN / OUT	
	<i>6/3/03</i>	<i>1320</i>	<i>1340</i>
EWS# <i>6573</i>			

TRUCK# <i>37 NY 48266PA</i>	TRAILER# <i>13 NY AC 96971</i>
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CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>	SHIPPER <i>153 Truck Rd</i> <b>GRIFFIS AFB</b> <b>AERPA-DA</b> <b>ROME, NY</b>  <i>315-330-2275</i>
PHONE#	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
<b>1</b>	<b>TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL</b>	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *[Signature]* PRINT NAME *MANA R KATZ*

DRIVER SIGNATURE *[Signature]* PRINT NAME *[Signature]*

SPECIAL INSTRUCTIONS:  
*Landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).*

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ QAM _____ QPM _____	

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301236

0000301236

Load #:

8

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Montgomerie Bros. Trucking</i> <i>1960 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE	TIME IN / OUT	
	<i>6/3/03</i>	<i>1440</i>	<i>1455</i>
EWS# <i>6573</i>			
TRUCK# <i>45 NY 48257 PA</i>	TRAILER#		<i>NY AH 57661</i>

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>  PHONE#	SHIPPER <i>153 Brawns Rd</i> <b>GRIFFIS AFB</b> <i>GFRPA-DA</i> <b>ROME, NY 13441</b>  <i>315-330-2275</i>
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NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE

*Maria R. Kline*  
*Chris Hale*

PRINT NAME

*Maria R. Kline*  
*Chris Hale*

DRIVER SIGNATURE

PRINT NAME

SPECIAL INSTRUCTIONS: **landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).**

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.  The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest.  This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
CONSIGNEE PRINT NAME _____	CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM	

1st Copy - Earthwatch

2nd Copy - Driver

3rd Copy - Land Fill

4th Copy Shipper

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301237

0000301237

Load #: 9

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mangiardi Bros Trucking</i> <i>1960 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE	TIME IN / OUT	
	<i>6/3/03</i>	<i>1510</i>	<i>1530</i>
	EWS# <i>6573</i>		
TRUCK# <i>36 NY 48265PA</i>	TRAILER# <i>23 NY AC 90590</i>		

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>  PHONE#	SHIPPER <sup><i>159 Hillside Rd</i></sup> <b>GRIFFIS AFB</b> <i>CFRPA - 0 A</i> <b>ROME, NY 13441</b>  <i>315-330-1215</i>
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NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Rabe* PRINT NAME *MARK R RABE*

DRIVER SIGNATURE *[Signature]* PRINT NAME *[Signature]*

SPECIAL INSTRUCTIONS:  
**Landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).**

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM

1st Copy - Earthwatch

2nd Copy - Driver

3rd Copy - Land Fill

4th Copy Shipper

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301238

0000301238

Load #:

10

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER Mangiardi Bros. Trucking 1960 Pittsfield Rd Castleton NY 12033	DATE		TIME IN / OUT	
	6/3/03		1530	1550
	EWS# 6573			
TRUCK# 42 NY 48264 PA	TRAILER# 24 NY AC 97050			

CONSIGNEE: ONTARIO COUNTY DEPARTMENT OF SOLID WASTE POST LANE ROAD; ROUTE 5 & 20 STANLEY, NY 14561 585-396-4000  PHONE#	SHIPPER <sup>153 Brook's Rd</sup> GRIFFIS AFB 6FRPA-DA ROME, NY 13441  315-330-2275
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NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Raabe* PRINT NAME Mark R. Raabe

DRIVER SIGNATURE *Wayne Downey* PRINT NAME Wayne Downey

SPECIAL INSTRUCTIONS:  
 Landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.  The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest.  This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ QAM ___ QPM ___	

1st Copy - Earthwatch

2nd Copy - Driver

3rd Copy - Land Fill

4th Copy Shipper



# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301239

0000301239 Load #: 11

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER Mangiardi Bros. Trucking 1960 Pittsfield Rd Castleton NY 12033	DATE	TIME IN / OUT	
	6/4/03	0925	1945
	EWS# 6573		
TRUCK# 36 NY 48265PA	TRAILER# 23 NY AC 96590		

CONSIGNEE: <b>ONTARIO COUNTY</b> DEPARTMENT OF SOLID WASTE POST LANE ROAD; ROUTE 5 & 20 STANLEY, NY 14561 585-396-4000  PHONE#	SHIPPER <sup>153 1010455 rd</sup> <b>GRIFFIS AFB</b> GFRPA-DA ROME, NY 13411  315-330-2275
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NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark K. Rabe* PRINT NAME Mark K Rabe

DRIVER SIGNATURE *JWB* PRINT NAME JWB

SPECIAL INSTRUCTIONS:  
 Handling hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ OAM ___ QPM ___

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301240

0000301240

Load #:

12

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER Mangiardi Bros. Trucking 1960 Pittsfield Rd Castleton NY 12033	DATE	TIME IN / OUT	
	6/4/03	0950	0955 1005
EWS# 6573			
TRUCK# 42 NY 46264 PA	TRAILER# 24 NY A097050		

CONSIGNEE: ONTARIO COUNTY DEPARTMENT OF SOLID WASTE POST LANE ROAD; ROUTE 5 & 20 STANLEY, NY 14561 585-396-4000  PHONE#	SHIPPER <sup>153 Brooks Rd</sup> GRIFFIS AFB G FRP A-DA ROME, NY 13141  315-730-2275
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NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Ratz* PRINT NAME MARK R. RATZ  
 DRIVER SIGNATURE *Wayne Doung* PRINT NAME Wayne Doung

SPECIAL INSTRUCTIONS:  
 Landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
 Suite 170  
 Buffalo, NY 14225  
 (716) 681-6433  
 FAX (716) 681-6165

301241

0000301241

Load #: 13

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mangiardi Bros. Trucking 1960 Pittsfield Rd Castleton NY 12033</i>	DATE	TIME IN / OUT	
	<i>6/4/03</i>	<i>1018</i>	<i>1035</i>
TRUCK# <i>45 NY 48257 PA</i>		TRAILER# <i>NY AH 57661</i>	
EWS# <i>6573</i>			

CONSIGNEE: <b>ONTARIO COUNTY DEPARTMENT OF SOLID WASTE POST LANE ROAD; ROUTE 5 &amp; 20 STANLEY, NY 14561 585-396-4000</b>	SHIPPER <i>52420005 Rd</i> <b>GRIFFIS AFB GERPA-DA ROME, NY 13441</b>  <i>315-330-2275</i>
PHONE#	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Rabe* PRINT NAME *MARK R RABE*  
 DRIVER SIGNATURE *Chris Hale* PRINT NAME *Chris Hale*

SPECIAL INSTRUCTIONS:  
**Landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).**

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.  The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest.  This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
CONSIGNEE PRINT NAME _____	CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ AM _____ PM _____	

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301242

0000301242

Load #: 14

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mangiandi Bros. Trucking</i> <i>1960 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE		TIME IN / OUT	
	<i>6/4/03</i>		<i>1040</i>	<i>1055</i>
	EWS# <i>6573</i>			
TRUCK# <i>30 NY 48268PA</i>	TRAILER# <i>16 NY AC97230</i>			

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>	SHIPPER <sup><i>133 BROOK RD</i></sup> <b>GRIFFIS AFB</b> <i>GERPA-DA</i> <b>ROME, NY</b> <i>13441</i>  <i>315-330-2275</i>
PHONE#	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Rabe* PRINT NAME *Mark R. Rabe*

DRIVER SIGNATURE *Garry Dauray* PRINT NAME *GARRY DAURAY*

SPECIAL INSTRUCTIONS:  
**landfill hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).**

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
CONSIGNEE PRINT NAME _____	FIRM: _____ DATE _____	
CONSIGNEE SIGN HERE _____ (NO INITIALS)	BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION		

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
 Suite 170  
 Buffalo, NY 14225  
 (716) 681-6433  
 FAX (716) 681-6165

301243

0000301243 Load #: 15

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mangiardi Bros. Trucking</i> <i>1960 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE	TIME IN / OUT	
	<i>6/4/03</i>	<i>1055</i>	<i>1110</i>
	EWS#	<i>6573</i>	
TRUCK# <i>37 NY 48266 PA</i>	TRAILER# <i>13 NY AC 96921</i>		

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>	SHIPPER <sup>15341</sup> <b>GRIFFIS AFB</b> <b>GERPA-DA</b> <b>ROME, NY</b> <i>13441</i>  <i>315 - 330 - 2275</i>
PHONE#	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE *Mark R. Roca* PRINT NAME *Mark R. Roca*

DRIVER SIGNATURE *[Signature]* PRINT NAME *[Signature]*

SPECIAL INSTRUCTIONS:  
 Handling hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ QAM ___ QPM ___	

# Earthwatch

WASTE SYSTEMS, INC.

4950 Genesee Street  
Suite 170  
Buffalo, NY 14225  
(716) 681-6433  
FAX (716) 681-6165

301244

0000301244

Load #: 16

## NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER <i>Mauguardi Bros Trucking</i> <i>1760 Pittsfield Rd</i> <i>Castleton NY 12033</i>	DATE		TIME IN / OUT	
	<i>6/4/03</i>		<i>1500</i>	<i>1530</i>
	EWS# <b>6573</b>			
TRUCK# <i>36 NY 48 265PA</i>	TRAILER# <i>23 NY AC 96590</i>			

CONSIGNEE: <b>ONTARIO COUNTY</b> <b>DEPARTMENT OF SOLID WASTE</b> <b>POST LANE ROAD; ROUTE 5 &amp; 20</b> <b>STANLEY, NY 14561</b> <b>585-396-4000</b>	SHIPPER <i>123 BROCK RD</i> <b>GRIFFIS AFB</b> <b>GERPA-DA</b> <b>ROME, NY</b> <i>13941</i> <i>315-236-2275</i>
PHONE#	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	<b>TRUCKLOAD NON-HAZARDOUS CONTAMINATED SOIL</b> <i>CHEENUP</i>	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE <i>Mark R Rabe</i>	PRINT NAME <i>Mark R Rabe</i>
DRIVER SIGNATURE <i>JWB</i>	PRINT NAME <i>JWB</i>

SPECIAL INSTRUCTIONS:  
*Operating hours are 7:00 am to 3:00 pm Monday thru Friday (last truck in at 2:45 pm).*

FOR APPROVAL: CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE _____ (NO INITIALS)		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed. The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material not listed on this manifest. This shipment is to be delivered to the consignee without recourse on Earthwatch. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM: _____ DATE _____ BY _____ TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM	

1st Copy - Earthwatch

2nd Copy - Driver

3rd Copy - Land Fill

4th Copy Shipper

## **APPENDIX B**

### **ANALYTICAL DATA**

The chain of custody forms and preliminary analytical data are included herein.



5560 Corporate Exchange Court SE Grand Rapids, MI 49512  
 Phone (616) 975-4500 Fax (616) 942-7463  
 www.trimatrixlabs.com

# Chain of Custody Record

COC No. **92835**

For Lab Use Only		Client Name <b>Parsons GAFB</b>		Project Name <b>LCPE6 Excavation</b>	
Cart	VOA Rack/Tray	Address <b>290 Elwood Davis Rd</b>		Client Project No./P.O. No. <b>740882, 06000</b>	
	Receiver Log No.	Project Chemist <b>Liverpool NY 13088</b>		Invoice To <input checked="" type="checkbox"/> Client <input type="checkbox"/> Other (comments)	
	Laboratory Project No.	Phone <b>315 451 9560</b>		Contact/Report To <b>Craig Butler</b>	
	Test Matrix	Fax <b>315 451 9570</b>			
	Lab. Sample Number				

## Analyses Requested

<input type="checkbox"/>	1/2-Dichlorobenzene
<input type="checkbox"/>	1/3-Dichlorobenzene
<input type="checkbox"/>	1/4-Dichlorobenzene
<input type="checkbox"/>	TCLP TOA
<input type="checkbox"/>	TCLP SWA
<input type="checkbox"/>	TCLP Pest/Herb
<input type="checkbox"/>	TCLP Metals
<input type="checkbox"/>	Pest G. Risk Surf Ignorability PH

Container Type (Corresponds to Container Labeling List)	Number of Containers Submitted						Total	Sample Comments
	1/2-Dichlorobenzene	1/3-Dichlorobenzene	1/4-Dichlorobenzene	TCLP TOA	TCLP SWA	TCLP Pest/Herb		
1	X	X	X	X	X	X	1	
2	X	X	X	X	X	X	1	
3	X	X	X	X	X	X	1	
4	X	X	X	X	X	X	1	
5	X	X	X	X	X	X	1	
6	X	X	X	X	X	X	2	
7								
8								
9								
10								

Sampled By (print) <b>Dale R. Dolph</b>	How Shipped? <b>Fedex</b>	Hand Carrier <b>Fedex</b>
Sampler Signature <i>Dale R. Dolph</i>	Tracking No. <b>834057941953</b>	
Company <b>Parsons - GAFB</b>	1. Relinquished By <i>Dale R. Dolph</i>	Date <b>5/14/03</b>
	2. Received By <b>Fedex</b>	Date <b>5/14/03</b>
	3. Relinquished By	Date
	2. Received By	Date
	3. Relinquished By	Date

Comments: Information concerning accelerated T/A times for analysis will be provided to the Lab by Craig Butler Parsons - Syracuse





## ANALYTICAL REPORT

**PRELIMINARY  
ANALYTICAL REPORT**

Client: **Parsons**  
 Submittal: **36315-1**  
 Project: **Griffiss AFB**  
 Submittal: **LCPE6 Excavation**

Sample #: **331583**  
 Sample ID: **E6-001 NW**

Matrix: **Soil**  
 Conc Units: **mg/Kg**

Contract #:  
 Sampled: **05/14/03 @ 09:00**  
 Sampler: **D. Dolph**  
 Received: **05/15/03 @ 08:30**  
 Extracted:  
 Prep. Method:  
 Analyzed: **05/16/03 by DLV**  
 Ref. Citation: **USEPA-8260B**  
 Initial Cal. ID: **8260B55**  
 Batch Numbers:  
 Percent Solids:  
 Dilution Factor: **5.0**

CAS Number	Compound Name	MDL	RL	Result	Q
95-50-1	1,2-DCB	0.190	0.5	0.190	U
541-73-1	1,3-DCB	0.175	0.5	0.175	U
106-46-7	1,4-DCB	0.205	0.5	0.205	U

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**TriMatrix**  
Laboratories, Inc.

## ANALYTICAL REPORT

**PRELIMINARY  
ANALYTICAL REPORT**

Client: **Parsons**  
Submittal: 36315-1  
Project: Griffiss AFB  
  
Submittal: LCPE6 Excavation

Sample #: 331584  
Sample ID: E6-002 SW

Matrix: Soil  
Conc Units: mg/Kg

Contract #:  
Sampled: 05/14/03 @ 08:55  
Sampler: D. Dolph  
Received: 05/15/03 @ 08:30  
Extracted:  
Prep. Method:  
Analyzed: 05/16/03 by DLV  
Ref. Citation: USEPA-8260B  
Initial Cal. ID: 8260B55  
Batch Numbers:  
Percent Solids:  
Dilution Factor: 5.0

CAS Number	Compound Name	MDL	RL	Result	Q
95-50-1	1,2-DCB	0.190	0.5	0.190	U
541-73-1	1,3-DCB	0.175	0.5	0.175	U
105-46-7	1,4-DCB	0.205	0.5	0.205	U

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Laboratories, Inc.

## ANALYTICAL REPORT

**PRELIMINARY  
ANALYTICAL REPORT**

Client: **Parsons**  
 Submittal: 36315-1  
 Project: Griffiss AFB  
 Submittal: LCPE6 Excavation

Sample #: 331585  
 Sample ID: E6-003 SE

Matrix: Soil  
 Conc Units: mg/Kg

Contract #:   
 Sampled: 05/14/03 @ 09:10  
 Sampler: D. Dolph  
 Received: 05/15/03 @ 08:30  
 Extracted:   
 Prep. Method:   
 Analyzed: 05/16/03 by DLV  
 Ref. Citation: USEPA-8260B  
 Initial Cal. ID: 8260B55  
 Batch Numbers:   
 Percent Solids:   
 Dilution Factor: 2.0

CAS Number	Compound Name	MDL	RL	Result	Q
95-50-1	1,2-DCB	0.076	0.2	0.076	U
541-73-1	1,3-DCB	0.070	0.2	0.070	U
106-46-7	1,4-DCB	0.082	0.2	0.082	U

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Laboratories, Inc.

## ANALYTICAL REPORT

**PRELIMINARY  
ANALYTICAL REPORT**

Client: **Parsons**  
 Submittal: **36315-1**  
 Project: **Griffiss AFB**  
 Submittal: **LCPE6 Excavation**

Sample #: **331586**  
 Sample ID: **E6-004 NE**

Matrix: **Soil**  
 Conc Units: **mg/Kg**

Contract #:   
 Sampled: **05/14/03 @ 09:05**  
 Sampler: **D. Dolph**  
 Received: **05/15/03 @ 08:30**  
 Extracted:   
 Prep. Method:   
 Analyzed: **05/16/03 by DLV**  
 Ref. Citation: **USEPA-8260B**  
 Initial Cal. ID: **8260B55**  
 Batch Numbers:   
 Percent Solids:   
 Dilution Factor: **5.0**

CAS Number	Compound Name	MDL	RL	Result	Q
95-50-1	1,2-DCB	0.190	0.5	0.190	U
541-73-1	1,3-DCB	0.175	0.5	0.175	U
106-46-7	1,4-DCB	0.205	0.5	0.205	U

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**TriMatrix**  
Laboratories, Inc.

**PRELIMINARY  
ANALYTICAL REPORT**

**ANALYTICAL REPORT**

Client: **Parsons**  
Submittal: **36315-1**  
Project: **Griffiss AFB**  
  
Submittal: **LCPE6 Excavation**

Sample #: **331587**  
Sample ID: **K6-005 Bottom**

Matrix: **Soil**  
Conc Units: **mg/Kg**

Contract #: \_\_\_\_\_  
Sampled: **05/14/03 @ 08:50**  
Sampler: **D. Dolph**  
Received: **05/15/03 @ 08:30**  
Extracted: \_\_\_\_\_  
Prep. Method: \_\_\_\_\_  
Analyzed: **05/16/03 by DLV**  
Ref. Citation: **USEPA-8260B**  
Initial Cal. ID: **8260B55**  
Batch Numbers: \_\_\_\_\_  
Percent Solids: \_\_\_\_\_  
Dilution Factor: **1.0**

COPI

CAS Number	Compound Name	MDL	RL	Result	Q
95-50-1	1,2-DCB	0.038	0.1	0.038	U
541-73-1	1,3-DCB	0.035	0.1	0.035	U
106-46-7	1,4-DCB	0.041	0.1	0.041	U

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**APPENDIX C**  
**DAILY FIELD REPORTS**

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Thursday, May 1, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/01/03
PROJECT	JREZ 2000-7007	WEATHER	Sunny/Clear
JOB #	740882	TEMPERATURE	50~65
CLIENT	AFCEE/AFBCA	TIME/HRS	630-5:00

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	2
F350	Crew Cab Pickup			

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Layout of excavation area and preparation of biovent pipe rerouting.
- Met w/ Merwin Minnig of Base Water to review utility locations.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

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Accidents reported today:	0	Accidents to date:	0
JOB NAME	LCP E6 Excavation	REPORT NO.	5/1/03
DATE	May 1, 2003		

Daily Field Report

COPY

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Monday, May 5, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/05/03
PROJECT	JREZ 2000-7007	WEATHER	Sunny/Clear
JOB #	740882	TEMPERATURE	50~60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	10
F350	Crew Cab Pickup	1	Vito DeCarlo/Laborer	10
Cat Tractor Loader Backhoe	420D	1	Charlotte Garvey/Operator	10
			George Goodway/Operator	10
			Yvonne Walseman	3

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

Work in progress or complete (including subcontractors):

- Entry physicals for the returning craft labor personnel.
- Review of site safety and health items pertinent to 2003 fieldwork.
- Project status meeting with AFCEE representative, Dick Petkovsek, to review current reportable items and review immediate construction schedules.
- Review of anticipated work efforts associated with the LCP 6 excavation.
- Identification of underground utilities adjacent to LCP 6 excavation area.
- Secured site and equipment at end of day.

Verbal discussions/Instructions:

Visitors and Subcontractors:

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Accidents reported today:	0	Accidents to date:	0
JOB NAME	LCP E6 Excavation	REPORT NO.	5/5/03
DATE	May 5, 2003		

No photos taken today.



**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Tuesday, May 6, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/06/03
PROJECT	JREZ 2000-7007	WEATHER	Sunny/Clear
JOB #	740882	TEMPERATURE	50~65
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	10
F350	Crew Cab Pickup	1	Vito Decarlo/Laborer	10
Cat Tractor Loader Backhoe	420D	1	Charlotte Garvey/Operator	10
Cat Wheeled Excavator	M318	1	George Goodway/Operator	10
			Dale Dolph/H&S	10
			Yvonne Walseman	3

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Performed respirator program training and respirator fit tests for all field personnel.
- Removed 60 lineal feet of blast shield and staged in 12'0" sections in Bldg 782 for use by others.
- Removed concrete foundation for blast shields and staged on onsite pending disposal.
- Identified center of former LCP6 and laid out the excavation area.
- Cleanup of soil staging area by relocating debris, poly, poles etc. to outside the LCP6 work area.
- Secured site and equipment at end of day.

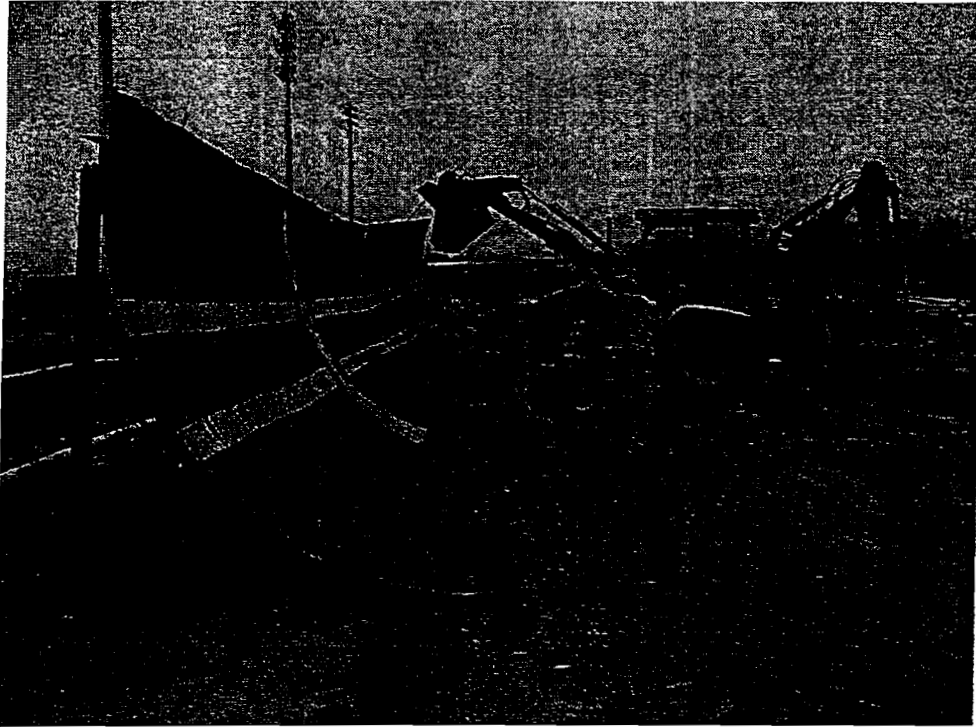
**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

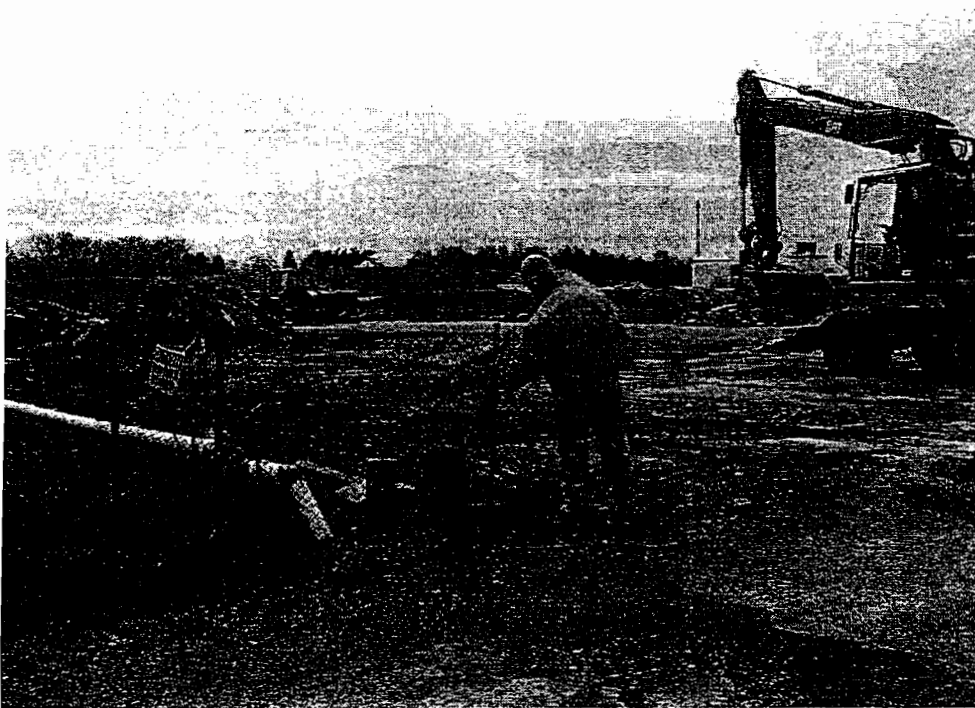
Bill Bradford	PARSONS	Safety Training
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Accidents reported today:	0	Accidents to date:	0
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JOB NAME	LCP E6 Excavation	REPORT NO.	5/6/03	DATE	May 6, 2003
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Removing blast shield sections.



Preparing soil stockpile area.

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Wednesday, May 7, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/07/03
PROJECT	JREZ 2000-7007	WEATHER	Overcast/Clear
JOB #	740882	TEMPERATURE	50~65
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	10
F350	Crew Cab Pickup	1	Vito Decarlo/Laborer	10
Cat Tractor Loader Backhoe	420D	1	Charlotte Garvey/Operator	10
Cat wheeled excavator	M318	1	George Goodway/Operator	10
			Dale Dolph/H&S	10
			Yvonne Walseman	2

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Relocated Apron 1 biovent system SE blower piping around the LCP6 excavation area.
- Began excavating soils and stockpiling on the pavements within the Apron 1 landfarm area.
- Screening soils throughout excavation depths. PID readings ranged from 11.1 ppm to a high of 1,800 ppm.
- Excavated and removed approximately 15 lineal feet of 6" fuel line for the former hydrant E6.
- Installed a perimeter fence around excavation area.
- Excavated approximately 88 CY of soil (25 x 10 x 12).
- Shaped soil pile and covered with impervious material.
- Secured site and equipment at end of day.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

Dick Petkovsek	AFCEE	Site Visit
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Accidents reported today:	0	Accidents to date:	0
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JOB NAME	LCP E6 Excavation	REPORT NO.	5/7/03	DATE	May 7, 2003
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Start of LCP 6 soil excavation.



Excavating soil at LCP 6.

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Thursday, May 8, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/08/03
PROJECT	JREZ 2000-7007	WEATHER	Sunny/Clear
JOB #	740882	TEMPERATURE	50~60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	9
F350	Crew Cab Pickup	1	Vito Decarlo/Laborer	10
Cat Tractor Loader Backhoe	420D	1	Charlotte Garvey/Operator	10
Cat Wheeled Excavator	M318	1	George Goodway/Operator	10
			Dale Dolph/H&S	10
			Yvonne Walseman	2

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Removed and stockpiled asphalt and pavement materials to facilitate the construction of a temporary access ramp into the excavation area.
- Performed benzene monitoring with Draeger pump. No action levels exceeded.
- Monitoring via PID the work zone breathing areas and downwind side of the site. No elevated PID readings.
- Excavated approximately 220 CY of soil and stockpiled onsite.
- Covered soil stockpiles with impervious sheeting.
- Secured site and equipment at end of day.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

Dick Petkovsek	AFCEE	Site Visit
----------------	-------	------------

Accidents reported today:	0	Accidents to date:	0
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JOB NAME	LCP E6 Excavation	REPORT NO.	5/8/03	DATE	May 8, 2003
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Excavating dichlorobenzene contaminated soils from LCP 6.



Covering soil stockpiles with poly sheeting.

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Monday, May 12, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/12/03
PROJECT	JREZ 2000-7007	WEATHER	Rain/Cloudy
JOB #	740882	TEMPERATURE	50~55
CLIENT	AFCEE/AFBCA	TIME/HRS	700-5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	3
F350	Crew Cab Pickup	1	Vito DeCarlo/Laborer	10
Cat Tractor Loader Backhoe	420D	1	Charlotte Garvey/Operator	10
Cat Wheeled Excavator	M318	0	George Goodway/Operator	0
Walk Behind Saw	Wacker	1	Dale Dolph/H&S	6

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**


- Sawcut pavements for installation of conduit for telecommunication service to job trailer.
- Excavated and installed 120 LF of 2" conduit to accommodate communication line installation for job trailers.
- Backfilled trench locations.
- Secured site and equipment at end of day.

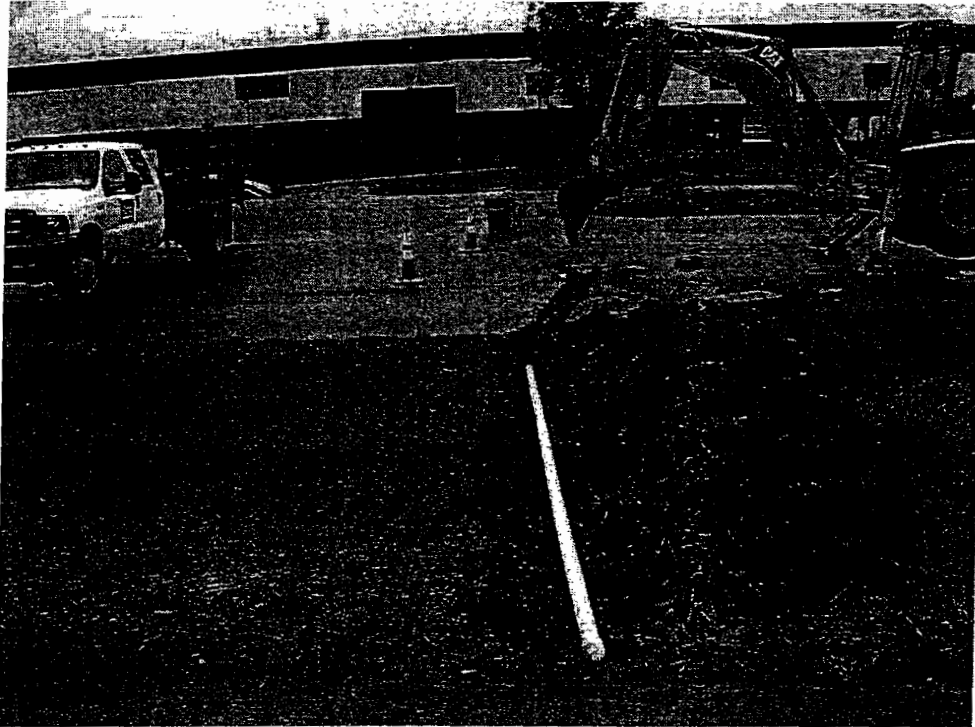
**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

Dick Petkovsek	AFCEE	Site Visit
----------------	-------	------------

Accidents reported today:	0	Accidents to date:	0		
JOB NAME	LCP E6 Excavation	REPORT NO.	5/12/03	DATE	May 12, 2003

Signed: 



Conduit Installation for project trailer.



Sawcutting pavement.



**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Tuesday, May 13, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/13/03
PROJECT	JREZ 2000-7007	WEATHER	Rain/Cloudy
JOB #	740882	TEMPERATURE	50~55
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	2
F450 Rack Truck	Ford F450	1	Vito Decarlo/Laborer	3
Cat Tractor Loader Backhoe	420D	1	Charlotte Garvey/Operator	3
Cat Wheeled Excavator	M318	0	George Goodway/Operator	0
			Dale Dolph/H&S	5

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Replaced poly covers on soil stockpiles and secured with screened cobblestone from Apron 1 Stockpile.
- Secured site and equipment at end of day.


**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

Dick Petkovsek	AFCEE	Site Visit
----------------	-------	------------

<b>Accidents reported today:</b>	<b>0</b>	<b>Accidents to date:</b>	<b>0</b>
JOB NAME	LCP E6 Excavation	REPORT NO.	5/13/03
DATE	May 13, 2003		

No Photos Taken Today.

Signed: 

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Wednesday, May 14, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/14/03
PROJECT	JREZ 2000-7007	WEATHER	Clear/Sunny
JOB #	740882	TEMPERATURE	50~60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	2
F450 Rack Truck	Ford F450	1	Vito Decarlo/Laborer	5
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	0
Cat Wheeled Excavator	M318	1	George Goodway/Operator	5
			Dale Dolph/H&S	3

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Collected sidewall and bottom samples for analysis per work plan and sent them to the lab for analyses.
- Secured site and equipment at end of day.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

Dick Petkovsek	AFCEE	Site Visit
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<b>Accidents reported today:</b>	<b>0</b>	<b>Accidents to date:</b>	<b>0</b>
JOB NAME	LCP E6 Excavation	REPORT NO.	5/14/03
DATE	May 14, 2003		

No Photos Taken Today.

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Thursday, May 15, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5/15/03
PROJECT	JREZ 2000-7007	WEATHER	Clear/Sunny
JOB #	740882	TEMPERATURE	50~60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	0
F450 Rack Truck	Ford F450	0	Vito Decarlo/Laborer	0
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	0
Cat Wheeled Excavator	M318	0	George Goodway/Operator	0
			Dale Dolph/H&S	5

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Reviewed work plan and coordinated offsite removal for stockpile pending analytical results.
- Collected blower pressure and temperature measurements for the Apron 1 biovent system.
- Secured site and equipment at end of day.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

Dick Petkovsek	AFCEE	Site Visit
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<b>Accidents reported today:</b>	<b>0</b>	<b>Accidents to date:</b>	<b>0</b>
JOB NAME	LCP E6 Excavation	REPORT NO.	5/15/03
DATE	May 15, 2003		

No Photos Taken Today.

**COPY**

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Tuesday, May 20, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5-20-03
PROJECT	JREZ 2000-7007	WEATHER	Clear/Sunny
JOB #	740882	TEMPERATURE	50~60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	10
F450 Rack Truck	Ford F450	0	Vito Decarlo/Laborer	10
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	10
Cat Wheeled Excavator	M318	0	George Goodway/Operator	10
			Dale Dolph	4
			Rebecca Absolom	5
			Yvonne Walseman	2

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit
Backfill sand	88 cy	SAC Hill borrow site	CY

**Work in progress or complete (including subcontractors):**

- Shufelt truck onsite for site hauling, hauled backfill sand from SAC Hill borrow source to LCP-6 site.
- Backfilled excavation in lifts and compacted with excavator bucket.
- Applied dust suppression as needed at the borrow pit and backfill site.
- Secured site and equipment at end of day.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

Shufelt Trucking Driver		Site hauling
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Accidents reported today:	0	Accidents to date:	0
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Dump truck is delivering sand material from SAC Hill



The excavator is compacting the material while backfilling in lifts for compaction.

**Daily Field Report**

COE

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Wednesday, May 21, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5-21-03
PROJECT	JREZ 2000-7007	WEATHER	Clear/Sunny
JOB #	740882	TEMPERATURE	50~60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	5
F450 Rack Truck	Ford F450	0	Vito Decarlo/Laborer	5
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	5
Cat Wheeled Excavator	M318	0	George Goodway/Operator	5
			Dale Dolph	4
			Rebecca Absolom	2
			Yvonne Walseman	2

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Finished removing perimeter fence at LCP-6 site.
- Reinstalled header pipe at biovent system and reinstalled fence as needed from where blast shields had been removed previously.
- General site clean up and stock pile cover maintenance.
- Removed temporary biovent pipes associated with LCP-6 site work interruption.
- Secured site and equipment at end of day.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

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Accidents reported today:	0	Accidents to date:	0
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Site backfill complete and temporary biovent system removed, and replaced with original system layout



Fence reinstalled.

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Tuesday, May 27, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5-27-03
PROJECT	JREZ 2000-7007	WEATHER	Overcast
JOB #	740882	TEMPERATURE	≈60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	0
F450 Rack Truck	Ford F450	0	Vito DeCarlo/Laborer	2
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	0
Cat Wheeled Excavator	M318	0	George Goodway/Operator	2
			Dale Dolph	3
			Rebecca Absolom	3
			Yvonne Walseman	4.5

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Monday May 26 was Memorial Day, no work was performed.
- Removed approximately 4' of backfill sand where pavement was removed
- Temporarily stockpiled excess sand on Apron 1 adjacent to the site.
- Prepped site for replacement of concrete millings where asphalt was prior the LCP-6 sitework
- Secured site and equipment at end of day.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

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<b>Accidents reported today:</b>	<b>0</b>	<b>Accidents to date:</b>	<b>0</b>
JOB NAME	LCP E6 Excavation	REPORT NO.	5/27/03
DATE	May 27, 2003		



**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Wednesday, May 28, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5-28-03
PROJECT	JREZ 2000-7007	WEATHER	Heavy Rain
JOB #	740882	TEMPERATURE	≈55
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	0
F450 Rack Truck	Ford F450	0	Vito DeCarlo/Laborer	2
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	2
Cat Wheeled Excavator	M318	0	George Goodway/Operator	2
			Dale Dolph	4
			Rebecca Absolom	5
			Yvonne Walseman	4.5

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Due to excessive precipitation over night and in the morning, the crew was sent home for the day.

**Verbal discussions/Instructions:**

**Visitors and Subcontractors:**

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Accidents reported today:	0	Accidents to date:	0
JOB NAME	LCP E6 Excavation	REPORT NO.	5/28/03
DATE	May 28, 2003		

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Thursday, May 29, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	5-29-03
PROJECT	JREZ 2000-7007	WEATHER	Overcast
JOB #	740882	TEMPERATURE	50~60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	0
F450 Rack Truck	Ford F450	0	Vito Decarlo/Laborer	10
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	0
Cat Wheeled Excavator	M318	0	George Goodway/Operator	10
			Dale Dolph	4
			Rebecca Absolom	5.5
			Yvonne Walseman	5

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit
Topsoil		North country Landscaping	loads

**Work in progress or complete (including subcontractors):**

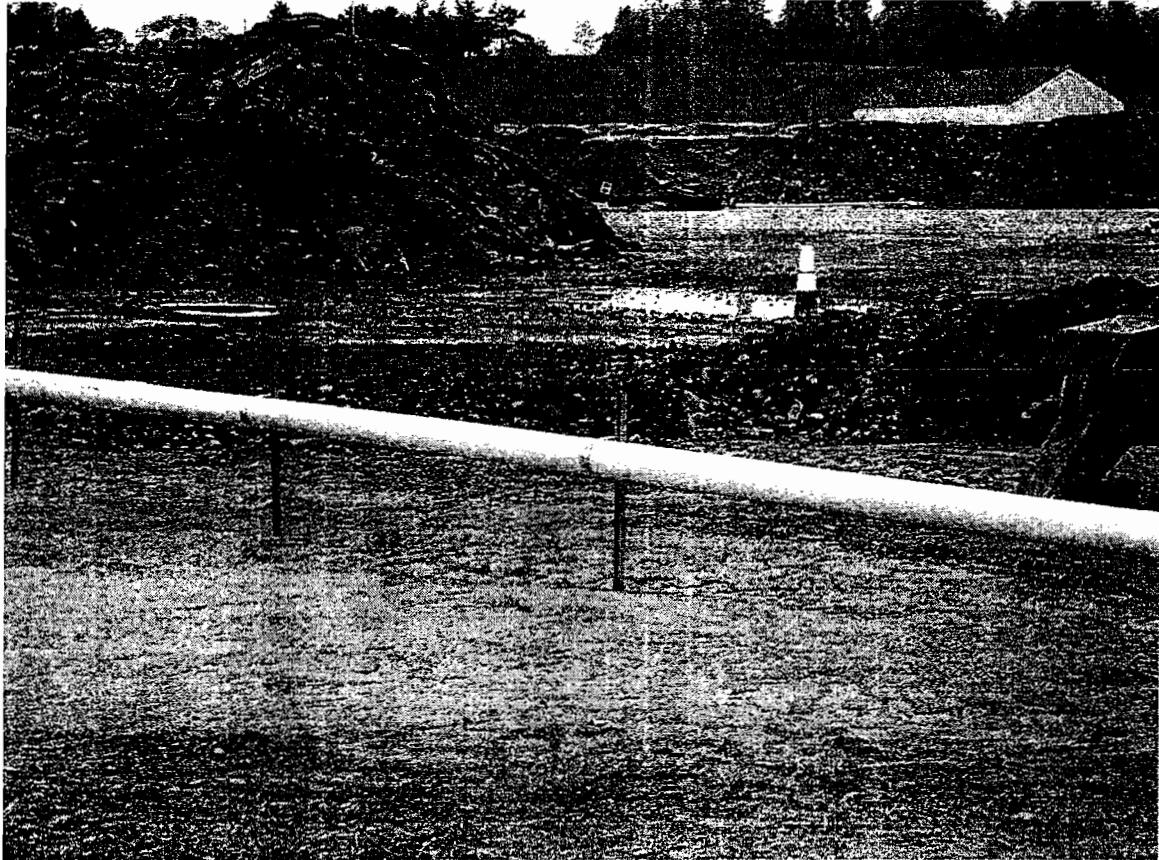
- Hauled milling from stockpile to LPC site to fill in where pavement was removed
- Moved stockpile of sand to AST-15 site
- Compacted and handwork as needed
- Secured site and equipment at end of day.

**Verbal discussions/Instructions:**

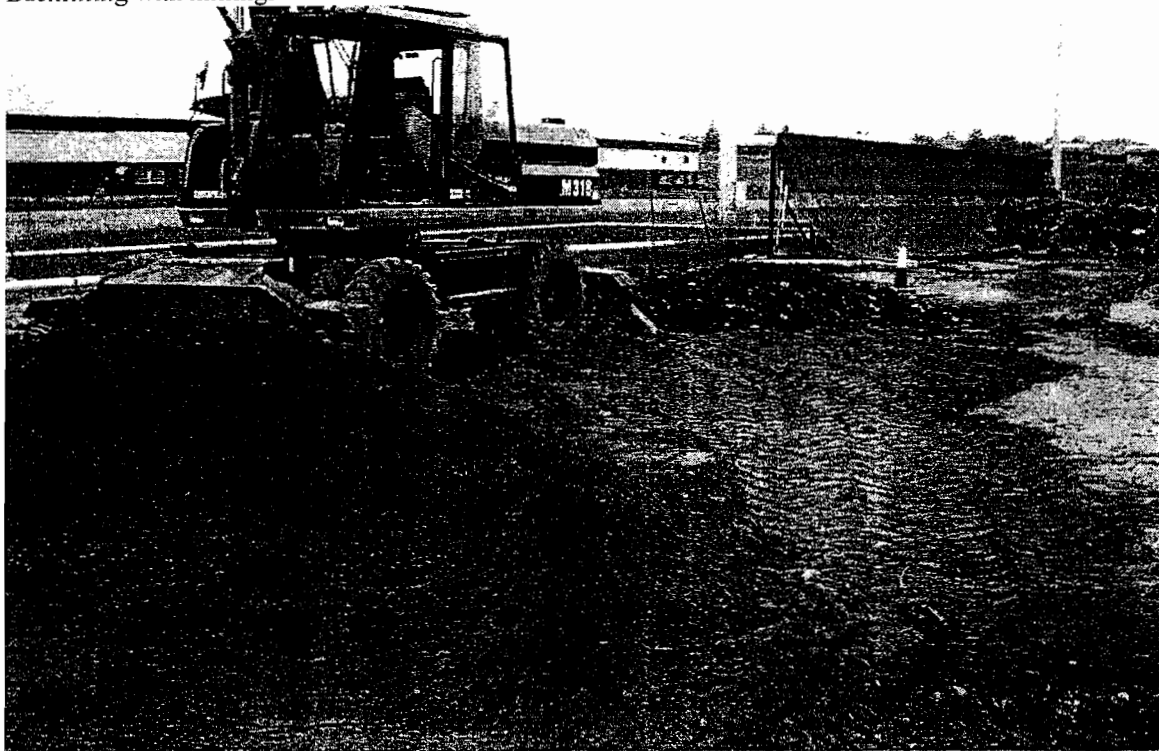
**Visitors and Subcontractors:**

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<b>Accidents reported today:</b>	<b>0</b>	<b>Accidents to date:</b>	<b>0</b>



Backfilling with millings



Removing excess sand

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Monday, June 2, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	6-2-03
PROJECT	JREZ 2000-7007	WEATHER	Overcast
JOB #	740882	TEMPERATURE	50≈60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	0
F450 Rack Truck	Ford F450	0	Vito Decarlo/Laborer	1
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	0
Cat Wheeled Excavator	M318	0	George Goodway/Operator	1
			Dale Dolph	0
			Rebecca Absolom	5.5
			Yvonne Walseman	2.5

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit

**Work in progress or complete (including subcontractors):**

- Spread and graded topsoil at grassy area between the blower shed and the former blast shields.
- Final handwork of topsoil and surrounding area.
- Moved mulch hay and seeded and spread mulch over topsoil.
- Secured site and equipment at end of day.


**Verbal discussions/Instructions:**

Plan to load stockpiled soil tomorrow for offsite transfer.

**Visitors and Subcontractors:**

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Accidents reported today:	0	Accidents to date:	0

Signed 

## Daily Field Report

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Tuesday, June 3, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	6-3-03
PROJECT	JREZ 2000-7007	WEATHER	Sunny
JOB #	740882	TEMPERATURE	50≈60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	0
F450 Rack Truck	Ford F450	0	Vito DeCarlo/Laborer	7
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	0
Cat Wheeled Excavator	M318	0	George Goodway/Operator	7
			Dale Dolph	4
			Rebecca Absolom	5.5
			Yvonne Walseman	2.5

## MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit
Contaminated soil loaded for removal	10	LCP E-6	loads

## Work in progress or complete (including subcontractors):

- Removed poly from the soil stockpile and loaded Mangiardi trucks.
- Manifests were signed by truckers and copy of waste profile was sent with each load.
- Dust controls were applied as needed and the breathing zone was monitored for health and safety controls.
- The trucks were swept clean of excess soil spills and checked prior to leaving the site.
- The truck weights will be reported when they are received.
- Secured site and equipment at end of day.

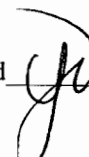
## Verbal discussions/Instructions:

Drivers were advised to wear hard hats and avoid walking in contaminated soil.

## Visitors and Subcontractors:

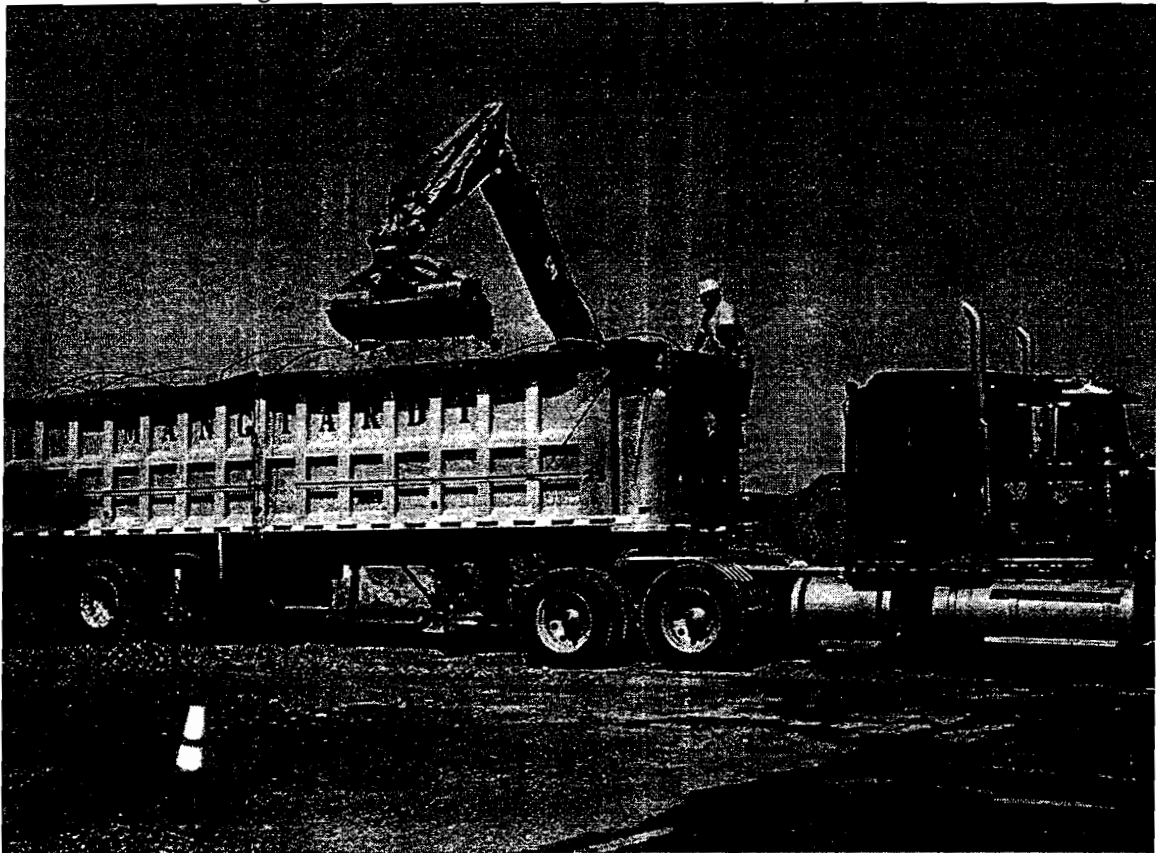
Mangiardi Bros. truck drivers	5 each	
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Accidents reported today:	0	Accidents to date:	0
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The excavator is loading the truck from the LCP-6 contaminated soil stockpile.



Side view of truck being loaded.

**Daily Field Report**

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Wednesday, June 4, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	6-4-03
PROJECT	JREZ 2000-7007	WEATHER	Sunny
JOB #	740882	TEMPERATURE	≈60
CLIENT	AFCEE/AFBCA	TIME/HRS	700 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	0
F450 Rack Truck	Ford F450	0	Vito DeCarlo/Laborer	5
Cat Tractor Loader Backhoe	420D	0	Charlotte Garvey/Operator	0
Cat Wheeled Excavator	M318	0	George Goodway/Operator	5
			Dale Dolph	0
			Rebecca Absolom	3
			Yvonne Walseman	5

**MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE**

Material Removed/Delivered	Quantity	Source	Unit
Contaminated soil loaded for removal	6	LCP E-6	loads

**Work in progress or complete (including subcontractors):**

- Removed poly from the remaining soil stockpile and loaded all remaining soil into Mangiardi trucks.
- Manifests were signed by truckers and copy of waste profile was sent with each load.
- Dust controls were applied as needed and the breathing zone was monitored for health and safety controls.
- The trucks were swept clean of excess soil spills and checked prior to leaving the site.
- A total of 529.04 tons of material was transported to Ontario County Landfill during the past two days.
- Final site clean-up.
- Secured site and equipment at end of day.

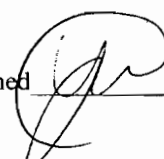
**Verbal discussions/Instructions:**

Drivers were reminded to wear hard hats and avoid walking in contaminated soil.

**Visitors and Subcontractors:**

Mangiardi Bros. truck drivers	5 each	
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Accidents reported today:	0	Accidents to date:	0
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Signed 

JOB NAME	LCP E-6 Excavation	REPORT NO.	6/4/03	DATE	June 4, 2003
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Continue load trucks for offsite disposal.



Photo looking southeast at the restored LCP E-6 site, the excavation has been backfilled and the topsoil restored, stockpiles have been removed offsite, the paved area has been replaced with solid fill suitable for driving surface.



Daily Field Report

COPY

JOB NAME	LCP E-6 Excavation Remedial Action	DATE	Thursday, June 12, 2003
CONTRACT	F41624-01-D-8544 DO: 0002	REPORT NO.	6-12-03
PROJECT	JREZ 2000-7007	WEATHER	Slight overcast
JOB #	740882	TEMPERATURE	~60
CLIENT	AFCEE/AFBCA	TIME/HRS	7:00 -5:30

Equipment	Model/Type	Quantity	Work Force/Trade	Quantity
F250	Crew Cab Pickup	1	Rich Stapleton	0
F450 Rack Truck	Ford F450	1	Vito DeCarlo/Laborer	4
Cat Tractor Loader Backhoe	420D	1	Charlotte Garvey/Operator	4
Cat Wheeled Excavator	M318	1	George Goodway/Operator	4
			Dale Dolph	2
			Rebecca Absolom	4
			Yvonne Walseman	3

MATERIALS DELIVERED TO, OR REMOVED FROM THE JOBSITE

Material Removed/Delivered	Quantity	Source	Unit
Clean overburden soil and asphalt	5	LCP E-6	~8 cy loads

Work in progress or complete (including subcontractors):


Loaded 5 each, truck loads at approximately 8 cy of bulky asphalt and overburden soil for offsite disposal.

Verbal discussions/Instructions:

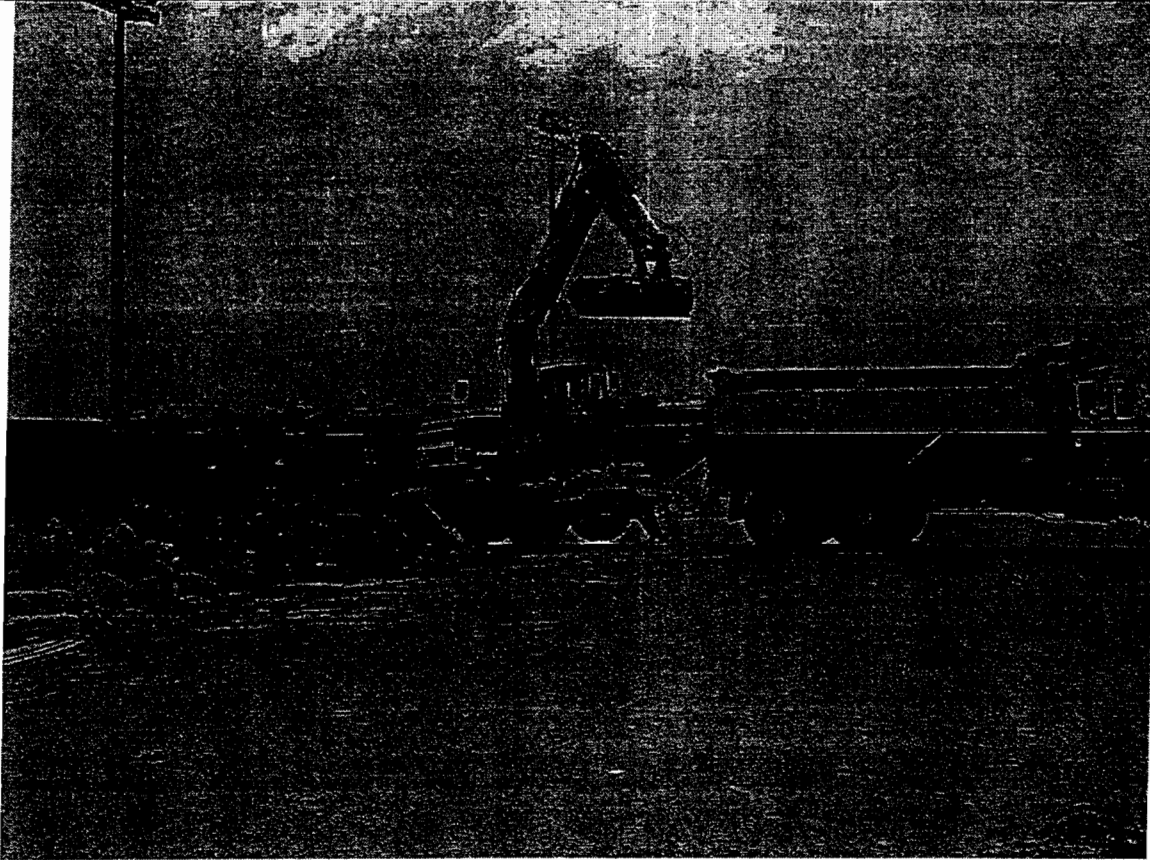
Visitors and Subcontractors:

North Country Landscape's subcontractor	1 driver	
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Accidents reported today:	0	Accidents to date:	0
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Signed 

JOB NAME	LCP E-6 Excavation	REPORT NO.	6/12/03	DATE	June 12, 2003
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Excavator operator loaded truck for offsite disposal of clean overburden and asphalt.