Exhibit 8

RECEIVED

SEP 2 0 2001

HAZARDOUS WASTE PROGRAM
DEPT. OF NATURAL RESOURCES

United States Environmental Protection Agency

Region 7 Laboratory
25 Funston Road
Kansas City, KS 66115

Date: 9/17/2001

Subject: Transmittal of Sample Analysis Results for ASR #: 1221
Activity Number: JGD01
Activity Description: Doe Run Lead sampling

From: Michael Thomas, Associate Laboratory Director
Regional Laboratory, Environmental Services Division

To: Joe Davis
SUPR/ER&R

This is the sample analysis results transmittal for the above-referenced Analytical Services Request (ASR). The data contained in this transmittal have been approved by the Regional Laboratory. This transmittal contains all of the sample analysis results for this ASR. The Regional Laboratory should be notified within 14 days if any changes are needed to the contents of this report. If you have any questions, comments or data changes, please contact the Laboratory Customer Service Department at 913-551-5295.

cc: Analytical Data File

OPTIONAL FORM 99 (7-90)
FAX TRANSMITTAL

# of pages ▶ 12	
To Dave Mosby	From Tony Petruska
Dept./Agency	Phone #
Fax #	Fax #

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

ASR Number: 1221

Activity Information

9/17/2001

Activity Leader: Davis, Joe
Activity Number: JGD01
Activity Desc: Doe Run Lead sampling
Location: Herculaneum
Superfund Name: Multi-Site - General
Purpose: Site characterization

Org: SUPR/ER&R

State: Missouri

Phone: (913) 551-7909

Type: Superfund/Oil
Site ID: 07ZZ **Site OU:** 00

Explanation of Codes, Units and Qualifiers used on this report.

Sample QC Codes: QC Codes identify the type of sample for quality control purposes.

__ = Field Sample

Units: Specific units in which results are reported.

%	= Percent
mg/kg	= Milligrams per Kilogram
mg/L	= Milligrams per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank) = Values have been reviewed and found acceptable for use.
U = Not detected at or above the reportable level shown.

Activity Desc: Doe Run [illegible] sam[illegible]

Sample Number	QC Code	Matrix	Location	External Sample No.	Start Date	Start Time	End Date	End Time	Receipt Date
1-__		Soil	Sample 001		09/04/2001		09/05/2001		09/06/2001
2-__		Soil	Sample 002		09/04/2001		09/05/2001		09/06/2001
3-__		Soil	Sample 003		09/04/2001		09/05/2001		09/06/2001
4-__		Soil	Sample 004		09/04/2001		09/05/2001		09/06/2001
5-__		Soil	Sample 005		09/04/2001		09/05/2001		09/06/2001

Analysis	Comments About Results For This Analysis
	No comments regarding analyses for this ASR.

Activity Number: J3D01

Activity Desc: Doe Run Lead sampling

9/17/2001

Analysis / Analyte	Units	1-__	2-__	3-__	4-__
Metals in Solids by ICP					
Arsenic	mg/kg	13.4	11.0	6.00 U	20.8
Cadmium	mg/kg	83.1	44.1	16.7	122
Lead	mg/kg	37700	24200	1170	36200
Percent Solid					
Solids, percent	%	89.8	99.7	95.4	89.5
TCLP Metals in Soil					
Arsenic	mg/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U
Cadmium	mg/L	1.41	0.765	0.0556	2.24
Lead	mg/L	382	381	0.288	349

Analysis / Analyte	Units	5-__
Metals in Solids by ICP		
Arsenic	mg/kg	15.2
Cadmium	mg/kg	60.6
Lead	mg/kg	16400
Percent Solid		
Solids, percent	%	99.8
TCLP Metals in Soil		
Arsenic	mg/L	0.0600 U
Cadmium	mg/L	0.716
Lead	mg/L	359

Quick 7-day TAT

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION V

AC... (Print) Davis

...E OF SURVEY OR ACTIVITY Doe Run Lead

DATE OF COLLECTION 5 Sept 01 (DAY MONTH YEAR)

SHEET 1 of 1

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS: CUBITAINER	8 oz BOTTLE	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS/OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
JGD01	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
# (22)-001		1					X				Total Pb, As, Cd-TCLP, same
002		1					X				
003		1					X				
004		1					X				
005		1					X				

Complete

Samples delivered by RL @ room temperature

DESCRIPTION OF SHIPMENT

____ PIECE(S) CONSISTING OF ____ BOX(ES)

1 ICE CHEST(S); OTHER ____

MODE OF SHIPMENT

____ COMMERCIAL CARRIER: ____

____ COURIER

X SAMPLER CONVEYED

(SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
[signature] X SEALED UNSEALED	9/6/01	9:25A	Nicole Roblez X SEALED UNSEALED	Analysis
RELINQUISHED BY SEALED UNSEALED	DATE	TIME	RECEIVED BY SEALED UNSEALED	REASON FOR CHANGE OF CUSTODY
RELINQUISHED BY SEALED UNSEALED	DATE	TIME	RECEIVED BY SEALED UNSEALED	REASON FOR CHANGE OF CUSTODY

7-EPA-9282(Revised 5/85)

Sample Collection Field Sheet

US EPA Region VII
Kansas City, KS

ASR Number: 1221 Sample Number: 1 QC Code: __ Matrix: Soil Tag ID: 1221-1-__

Activity Number: JGD01 Activity Leader: Davis, Joe

Activity Desc: Doe Run Lead sampling

Location: Herculaneum State: Missouri Type: Superfund

Superfund Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: Sample 001

External Sample Number: _____

Expected Conc: Circle One: Low Medium High

Latitude: __ __ __ Sample Collection: Start 9/4/01 __:__

Longitude: __ __ __ End 9/5/01 __:__

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
0 -	4 Deg C	Days	Percent Solid
1 - 8 oz glass	4 Deg C	180 Days	TCLP Metals in Soil
1 - 8 oz glass	4 Deg C	180 Days	Metals in Soilds by ICP

Sample Comments:

Only Lead, Arsenic + Cadmium metals are requested.

Sample collected by: Joe Davis

Sample Collection Field Sheet

US EPA Region VII
Kansas City, KS

ASR Number: 1221 Sample Number: 2 QC Code: __ Matrix: Soil Tag ID: 1221-2-__

Activity Number: JGD01 Activity Leader: Davis, Joe

Activity Desc: Doe Run Lead sampling

Location: Herculaneum State: Missouri Type: Superfund

Superfund Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: Sample D02

External Sample Number: _____

Expected Conc: Circle One: Low Medium High

Latitude: ___ ___ ___

Longitude: ___ ___ ___

Sample Collection: Start 9/4/01 ___:___ End 9/5/01 ___:___

Date Time (24 Hr)

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
0 -	4 Deg C	Days	Percent Solid
1 - 8 oz glass	4 Deg C	180 Days	TCLP Metals in Soil
1 - 8 oz glass	4 Deg C	180 Days	Metals in Solids by ICP

Sample Comments:

Sample collected by: Joe Davis

Sample Collection Field Sheet

USEPA Region VII
Kansas City, KS

ASR Number: 1221 Sample Number: 3 QC Code: __ Matrix: Soil Tag ID: 1221-3-__

Activity Number: JGD01 Activity Leader: Davis, Joe
Activity Desc: Doe Run Lead sampling
Location: Herculaneum State: Missouri Type: Superfund
Superfund Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: Sample 003

External Sample Number: _____

Expected Conc: Circle One: Low Medium High

Latitude: ___ ___ ___
Longitude: ___ ___ ___

Sample Collection:

	Date	Time (24 Hr)
Start	9/4/01	___:___
End	9/5/01	___:___

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
0 -	4 Deg C	Days	Percent Solid
1 - 8 oz glass	4 Deg C	180 Days	TCLP Metals in Soil
1 - 8 oz glass	4 Deg C	180 Days	Metals in Solids by ICP

Sample Comments:

Sample collected by: Joe Davis

Sample Collection Field Sheet

US EPA Region VII
Kansas City, KS

ASR Number: 1221 Sample Number: 4 QC Code: __ Matrix: Soil Tag ID: 1221-4-__

Activity Number: JGD01 Activity Leader: Davis, Joe
Activity Desc: Doe Run Lead sampling
Location: Herculaneum State: Missouri Type: Superfund
Superfund Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: Sample 004

External Sample Number: _____

Expected Conc: Circle One: Low Medium High

Latitude: ___ ___ ___
Longitude: ___ ___ ___

Sample Collection: Date Time (24 Hr)
Start 9/4/01 __:__
End 9/5/01 __:__

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
0 -	4 Deg C	Days	Percent Solid
1 - 8 oz glass	4 Deg C	180 Days	TCLP Metals in Soil
1 - 8 oz glass	4 Deg C	180 Days	Metals in Solids by ICP

Sample Comments:

Sample collected by: Joe Davis

Sample Collection Field Sheet

US EPA Region VII
Kansas City, KS

ASR Number: 1221 Sample Number: 5 QC Code: __ Matrix: Soil Tag ID: 1221-5-__

Activity Number: JGD01 Activity Leader: Davis, Joe

Activity Desc: Doe Run Lead sampling

Location: Herculaneum State: Missouri Type: Superfund

Superfund Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: Sample, DOS

External Sample Number: _____

Expected Conc: Circle One: Low Medium High

Latitude: ___ ___ ___

Longitude: ___ ___ ___

Sample Collection: Start 9/4/01 ___:___ End 9/5/01 ___:___

Date Time (24 Hr)

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
0 -	4 Deg C	Days	Percent Solid
1 - 8 oz glass	4 Deg C	180 Days	TCLP Metals In Soil
1 - 8 oz glass	4 Deg C	180 Days	Metals In Solids by ICP

Sample Comments:

Sample collected by: Joe Davis