



A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

December 26, 2008

TVGA Consultants  
100 Maple Road  
Elma, NY 14059  
Attn: Mr. James C. Manzella

Client Project: Former Edgewood Warehouse  
Lab Workorder: G2238

Dear Mr. Manzella:

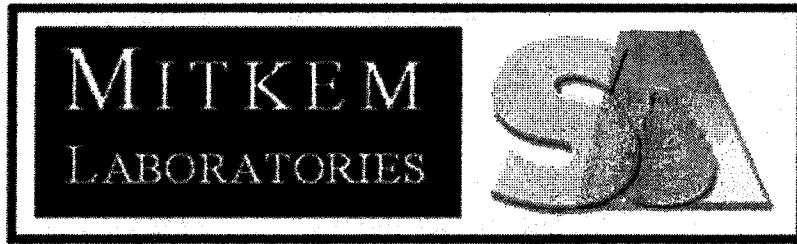
Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

Please call if you have any questions. We appreciate your business.

Sincerely,

A handwritten signature in black ink that reads "Agnes R. Huntley". The signature is written in a cursive, flowing style.

Agnes R. Huntley  
CLP Project Manager



**\* Data Summary Pack \***

# Mitkem Laboratories

## New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Edgewood Warehouse - TCLP

SDG : G2238

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
FEW-FLOOR6	G2238-01				SW6010_W	
FEW-FLOOR7	G2238-02				SW6010_W	
FEW-FLOOR8	G2238-03				SW6010_W	
FEW-FLOOR9	G2238-04				SW6010_W	
FEW-FLOOR10	G2238-05				SW6010_W	

# Mitkem Laboratories

## New York State Department of Environmental Conservation Sample Preparation and Analysis Summary ME

Project Name : Former Edgewood Warehouse - TCLP

SDG : G2238

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010_W				
G2238-01A	Solid	SW6010_W	12/2/2008	12/8/2008
G2238-02A	Solid	SW6010_W	12/2/2008	12/8/2008
G2238-03A	Solid	SW6010_W	12/2/2008	12/8/2008
G2238-04A	Solid	SW6010_W	12/2/2008	12/8/2008
G2238-05A	Solid	SW6010_W	12/2/2008	12/8/2008
G2238-05ADUP	Solid	SW6010_W	12/2/2008	12/8/2008
G2238-05AMS	Solid	SW6010_W	12/2/2008	12/8/2008

# Mitkem Laboratories

## New York State Department of Environmental Conservation Sample Preparation and Analysis Summary Toxicity Characteristic Leaching Procedure

Project Name : Former Edgewood Warehouse - TCLP

SDG : G2238

Laboratory Sample ID	Matrix	Analytical Protocol	Date Collected	Date Received By Lab	Date Extracted
SW1311					
G2238-01A	Solid	SW1311	11/25/2008	12/2/2008	12/5/2008
G2238-02A	Solid	SW1311	11/25/2008	12/2/2008	12/5/2008
G2238-03A	Solid	SW1311	11/25/2008	12/2/2008	12/5/2008
G2238-04A	Solid	SW1311	11/25/2008	12/2/2008	12/5/2008
G2238-05A	Solid	SW1311	11/25/2008	12/2/2008	12/5/2008

Analytical Data Package for TVGA Consultants.

Client Project: Former Edgewood Warehouse

Mitkem Work Order ID: G2238

December 26, 2008

Prepared For: TVGA Consultants  
100 Maple Road  
Elma, NY 14059  
Attn: Mr. James C. Manzella

Prepared By: Mitkem Laboratories  
175 Metro Center Boulevard  
Warwick, RI 02886  
(401) 732-3400

## SDG Narrative

Mitkem Laboratories submits the enclosed data package in response to TVGA Consultants' Former Edgewood Warehouse project. Under this deliverable, analysis results are presented for five solid samples that were received on December 2, 2008. Analyses were performed per specification in the chain of custody form. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID and laboratory sample ID.

The analyses were performed and reported per NYSDEC ASP (2000 update) requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall observation:

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. TCLP Metals Analysis:

Lab control sample: spike recovery was within the QC limits.

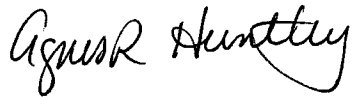
Matrix spike: matrix spike was performed on sample FEW-FLOOR10. Spike recovery was within the QC limits.

Duplicate: duplicate analysis was performed on FEW-FLOOR-10. Replicate RPD was within the QC limits.

Sample analysis: serial dilution was performed on sample FEW-FLOOR-10. Percent difference was not within the QC limits. Lead is qualified with an "E" on the data report forms. No other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

A handwritten signature in black ink that reads "Agnes Huntley". The signature is written in a cursive style with a large, sweeping flourish at the end.

Agnes Huntley  
CLP Project Manager  
12/26/08



Client ID: TVGA

Project: Former Edgewood Warehouse - TCLP

Location:

Comments: N/A

Case:

SDG:

PO: 2008.0011.00

HC Due: 12/23/08

Fax Due: 12/09/08

Report Level: ASP-B

EDD: TVGA\_STD

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G2238-01A	FEW-FLOOR6	11/25/2008 12:00	12/02/2008	Miscellaneous	SW6010_W	TCLP Pb only	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	H2
G2238-02A	FEW-FLOOR7	11/25/2008 12:15	12/02/2008	Miscellaneous	SW6010_W	TCLP Pb only	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	H2
G2238-03A	FEW-FLOOR8	11/25/2008 12:25	12/02/2008	Miscellaneous	SW6010_W	TCLP Pb only	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	H2
G2238-04A	FEW-FLOOR9	11/25/2008 12:30	12/02/2008	Miscellaneous	SW6010_W	TCLP Pb only	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	H2
G2238-05A	FEW-FLOOR10	11/25/2008 12:40	12/02/2008	Miscellaneous	SW6010_W	TCLP Pb only	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	H2

U.S. EPA - CLP

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FEW-FLOOR10

Lab Name: Mitkem Laboratories Contract: 2008.0011.0  
 Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238  
 Matrix (soil/water): WATER Lab Sample ID: G2238-05  
 Level (low/med): MED Date Received: 12/02/2008  
 % Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	873		E	P

Comments:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

INORGANIC ANALYSIS DATA SHEET

FEW-FLOOR6

Lab Name: Mitkem Laboratories Contract: 2008.0011.0

Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238

Matrix (soil/water): WATER Lab Sample ID: G2238-01

Level (low/med): MED Date Received: 12/02/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	848		E	P

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FEW-FLOOR7

Lab Name: Mitkem Laboratories Contract: 2008.0011.0  
Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238  
Matrix (soil/water): WATER Lab Sample ID: G2238-02  
Level (low/med): MED Date Received: 12/02/2008  
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	545000		E	P

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FEW-FLOOR8

Lab Name: Mitkem Laboratories Contract: 2008.0011.0  
 Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238  
 Matrix (soil/water): WATER Lab Sample ID: G2238-03  
 Level (low/med): MED Date Received: 12/02/2008  
 % Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	43700		E	P

Comments:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FEW-FLOOR9

Lab Name: Mitkem Laboratories Contract: 2008.0011.0  
 Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238  
 Matrix (soil/water): WATER Lab Sample ID: G2238-04  
 Level (low/med): MED Date Received: 12/02/2008  
 % Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	20800	E		P

Comments:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 2008.0011.00  
 Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238  
 Solid LCS Source: \_\_\_\_\_ LCS(D) ID: \_\_\_\_\_  
 Aqueous LCS Source: \_\_\_\_\_ LCS-40565

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Lead	455.0	507.63	111.6					

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5A

EPA SAMPLE NO.

SPIKE SAMPLE RECOVERY

FEW-FLOOR10S

Lab Name: Mitkem Laboratories

Contract: 2008.0011.0

Lab Code: MITKEM

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: MG2238

Matrix (soil/water): WATER

Level (low/med): MED

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Lead	75-125	1310.1099	873.0419	455.00	96.1		P

Comments:

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EPA SAMPLE NO.

DUPLICATES

FEW-FLOOR10D

Lab Name: Mitkem Laboratories Contract: 2008.0011.0

Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	M
Lead		873.0419	875.5377	0.3		P

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BLANKS

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238

Preparation Blank Matrix (soil/water): WATER Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L MB-40529

OPTIMA2\_081208A

Analyte	Initial Calibration Blank (ug/L)	Continuing Calibration Blank (ug/L)						Preparation Blank			
		1	2	3							
Lead	2.2 U	2.2 U	2.2 U						2.200 U		

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BLANKS

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MG2238

Preparation Blank Matrix (soil/water): WATER Method Blank ID: \_\_\_\_\_

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L MB-40565

OPTIMA2\_081208A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C M	
Lead									2.200	U	