MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

December 29, 2008

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

Client Project: Former Edgewood Warehouse
Lab Workorder: G2239

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,

Agnes R Huntley

Agnes R. Huntley
CLP Project Manager

MITKEM LABORATORIES

* 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 :** G2239

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
FEW-FLOOR 11	G2239-01				SW6010_W	

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G2239

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010_W				
G2239-01A	Solid	SW6010_W	12/2/2008	12/16/2008
G2239-01ADUP	Solid	SW6010_W	12/2/2008	12/16/2008
G2239-01AMS	Solid	SW6010_W	12/2/2008	12/16/2008

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 :** G2239

Laboratory Sample ID	Matrix	Analytical Protocol	Date Collected	Date Received By Lab	Date Extracted
SW1311					
G2239-01A	Solid	SW1311	11/25/2008	12/2/2008	12/12/2008

Analytical Data Package for TVGA Consultants.

Client Project: Former Edgewood Warehouse

Mitkem Work Order ID: G2239

December 29, 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 one solid sample that was received on December 2, 2008. Analyses were performed per specification in the chain of custody form, following discussions with the client. 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-FLOOR 11. Spike recovery was not within the QC limits. The spike recovery could not be accurately determined, as the sample concentration was significantly greater than the spike concentration. When the sample concentration is more than four times the spike concentration, it tends to obscure the relatively smaller spike amount; control limits do not apply in this circumstance.

Duplicate: duplicate analysis was performed on FEW-FLOOR 11. Replicate RPD was within the QC limits.

Sample analysis: serial dilution was performed on sample FEW-FLOOR 11. Percent difference was within the QC limits. 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.

Agnes R Huntley

Agnes Huntley
CLP Project Manager
12/29/08

Mitkem Laboratories *09/Dec/08 17:34* WorkOrder: G2239

Client ID: TVGA **Case:** **HC Due:** 12/23/08 **Report Level:**
Project: Former Edgewood Warehouse - TCLP **SDG:** **Fax Due:** **EDD:** TVGA_STD
Location: **PO:** 2008.001.00
Comments: N/A

Sample ID	HS	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G2239-01A		FEW-FLOOR 11	11/25/2008 12:45	12/02/2008	Miscellane	SW6010_W	TCLP Pb only	☐	☐	☑	H2
G2239-02A	H	FEW-FLOOR 12	11/25/2008 12:55	12/02/2008	Miscellane	SW6010_W	TCLP Pb only	☑	☐	☑	H2
G2239-03A	H	FEW-FLOOR 13	11/25/2008 13:00	12/02/2008	Miscellane	SW6010_W	TCLP Pb only	☑	☐	☑	H2
G2239-04A	H	FEW-FLOOR 14	11/25/2008 13:10	12/02/2008	Miscellane	SW6010_W	TCLP Pb only	☑	☐	☑	H2

Client Rep: Agnes R Ng

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FEW-FLOOR 11

Lab Name: Mitkem Laboratories Contract: 2008.001.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG2239

Matrix (soil/water): WATER Lab Sample ID: G2239-01

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	34200			P

Comments:

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 2008.001.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG2239

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID:
LCS-40748

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Lead	455.0	498.22	109.5						

U.S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

FEW-FLOOR 11S

Lab Name: Mitkem Laboratories Contract: 2008.001.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG2239

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		33583.9770		34237.7701		455.00	-143.7		P

Comments:

6
DUPLICATES

EPA SAMPLE NO.
FEW-FLOOR 11D

Lab Name: Mitkem Laboratories Contract: 2008.001.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG2239

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		34237.7701		33854.6526		1.1		P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 2008.001.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG2239

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-40714

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

OPTIMA2_081216A

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

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 2008.001.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG2239

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-40748

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

OPTIMA2_081216A

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Lead									5.907	B	