



Ms. Carlisa Pusey
ABHITECH ENERGYCON LTD
999 Corporate Blvd.
Suite 300
Linthicum MD 21090
Report Number: G987-1
Client Project: THERMACT

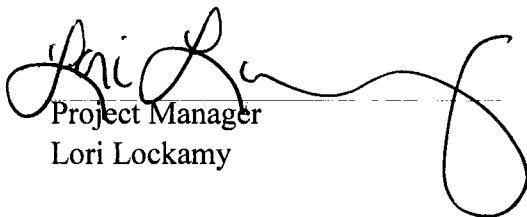
Dear Ms. Pusey:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS Environmental Services for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS Environmental Services, Inc.


Project Manager
Lori Lockamy

5/21/09
Date

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.



**Results for Volatiles
by GCMS 8260B TCLP**

Client Sample ID: THERMACT
Client Project ID: THERMACT
Lab Sample ID: G987-1-2A
Lab Project ID: G987-1

Analyzed By: CLP
Date Collected:
Date Received: 5/7/2008
Matrix: Leachate
Sample Amount: 5 mL

Compound	Result MG/L	Quantitation Limit MG/L	Dilution Factor	Date Analyzed
Benzene	BQL	0.0100	10	5/15/2008
2-Butanone (MEK)	BQL	0.250	10	5/15/2008
Carbon tetrachloride	BQL	0.0100	10	5/15/2008
Chlorobenzene	BQL	0.0100	10	5/15/2008
Chloroform	BQL	0.0100	10	5/15/2008
1,4-Dichlorobenzene	BQL	0.0100	10	5/15/2008
1,1-Dichloroethene	BQL	0.0100	10	5/15/2008
1,2-Dichloroethane	BQL	0.0100	10	5/15/2008
Tetrachloroethene	BQL	0.0100	10	5/15/2008
Trichloroethene	BQL	0.0100	10	5/15/2008
Vinyl chloride	BQL	0.0100	10	5/15/2008

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.01	0.0103	103
Toluene-d8	0.01	0.01	100
4-Bromofluorobenzene	0.01	0.00978	98


Comments:

Sample was received outside the method recommended temperature limits.

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 



**Results for Semivolatiles
by GCMS 8270-TCLP**

Client Sample ID: THERMACT
 Client Project ID: THERMACT
 Lab Sample ID: G987-1-3M
 Lab Project ID: G987-1

Analyzed By: DES
 Date Collected:
 Date Received: 5/7/2008
 Date Extracted: 5/19/2008
 Matrix: Leachate

Compound	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
1,4-Dichlorobenzene	BQL	0.008	1	5/20/2008
2,4-Dinitrotoluene	BQL	0.008	1	5/20/2008
Hexachlorobenzene	BQL	0.008	1	5/20/2008
Hexachlorobutadiene	BQL	0.008	1	5/20/2008
Hexachloroethane	BQL	0.008	1	5/20/2008
2-Methylphenol	BQL	0.008	1	5/20/2008
3- & 4-Methylphenol	BQL	0.008	1	5/20/2008
Nitrobenzene	BQL	0.008	1	5/20/2008
Pentachlorophenol	BQL	0.042	1	5/20/2008
Pyridine	BQL	0.008	1	5/20/2008
2,4,5-Trichlorophenol	BQL	0.008	1	5/20/2008
2,4,6-Trichlorophenol	BQL	0.008	1	5/20/2008

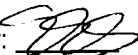
	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	7.6	76
2-Fluorophenol	10	2.6	26 #
Nitrobenzene-d5	10	8.3	83
Phenol-d6	10	7	70
2,4,6-Tribromophenol	10	8.5	85
4-Terphenyl-d14	10	9	90

Comments:

Surrogate recoveries confirmed by duplicate analysis.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: 



Results for Metals

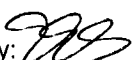
Client Sample ID: THERMACT
Client Project ID: THERMACT
Lab Sample ID: G987-1-3
Lab Project ID: G987-1
Batch ID: 11329 11338

Analyzed By: PSW
Date Collected:
Date Received: 5/7/2008
Matrix: Leachate

Metals TCLP	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	BQL	0.200	1	MG/L	6010B	5/15/2008
Barium	BQL	5.00	1	MG/L	6010B	5/15/2008
Cadmium	BQL	0.100	1	MG/L	6010B	5/15/2008
Chromium	BQL	0.100	1	MG/L	6010B	5/15/2008
Lead	BQL	0.100	1	MG/L	6010B	5/15/2008
Mercury	BQL	0.000570	1	MG/L	7470	5/15/2008
Selenium	BQL	0.200	1	MG/L	6010B	5/15/2008
Silver	BQL	0.100	1	MG/L	6010B	5/15/2008

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: 
METALS.XLS



Results for Pesticides
by EPA 8081

Client Sample ID: THERMACT
Client Project ID: THERMACT
Lab Sample ID: G987-1-3K
Lab Project ID: G987-1

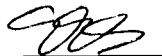
Analyzed By: EAW
Date Collected:
Date Received: 05-07-2008 10:30
Matrix: Leachate

Compound	Result mg/L	Quantitation Limit mg/L	Dilution Factor	Date Analyzed
gamma-BHC (Lindane)	BQL	0.040	1	05-19-2008
Heptachlor	BQL	0.004	1	05-19-2008
Heptachlor epoxide	BQL	0.004	1	05-19-2008
Endrin	BQL	0.002	1	05-19-2008
Methoxychlor	BQL	0.100	1	05-19-2008
Toxaphene	BQL	0.050	1	05-19-2008
Chlordane	BQL	0.003	1	05-19-2008

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	70.7	70.7
DBC	100	74.8	74.8

Comments:

BQL = Below Quantitation Limit

Reviewed By: 



Results for TCLP Herbicides
by EPA 8151

Client Sample ID: THERMACT
Client Project ID: THERMACT
Lab Sample ID: G987-1-3L
Lab Project ID: G987-1

Analyzed By: DCS
Date Collected:
Date Received: 5/7/2008
Matrix: Leachate

Compound	Result mg/L	Quantitation Limit mg/L	Dilution Factor	Date Analyzed
2,4-D	BQL	0.400	1	5/16/2008
2,4,5-TP(Silvex)	BQL	0.100	1	5/16/2008

Surrogate Recoveries	Spike Added	Spike Result	Percent Recovered	Flag	Limits
DCAA	2.00	1.36	68.0		35-135

Reviewed By: 