Certified Mail – 7011 2970 0003 6220 0796
Return Receipt Requested

LP®
BUILDING PRODUCTS

March 13, 2013

Mr. Ervin Lane
Compliance Hydrogeoligist
NC DENR - DWM
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: Semiannual Groundwater Monitoring
Permit No. 97-03
Louisiana Pacific Corporation

Dear Mr. Rose:

Attached are the analytical results from the semiannual groundwater monitoring associated with the boiler ash landfill; Permit No. 97-03 located at Louisiana Pacific's manufacturing facility in Roaring River, NC. The samples were collected on 02/12/2013. The monitoring wells are described in ***Table 1*** and the field measurements recorded the day of the sampling are listed in ***Table 2***.

Table 1 – Groundwater well descriptions

Site	Location	Description
1	FA2	Old downstream well, below east section of landfill
2	FA3	New downstream well, below west section of landfill
3	FA4	New upstream well
4	STREAM	Sampled from the spring/seep below the landfill

Table 2 – Field Measurements

Location	Depth	Conductivity (umhos/cm)	pH	Temperature (deg C)	
FA2	19'3"	5.96	6.2	25	
FA3	13'9"	5.57	6.02	19.3	
FA4	57'2"	5.98	6.0	25	
STREAM	N/A	*	*	*	

* - Stream was dry. No sample was possible.

If there are any questions regarding this report, please contact me at (336) 696-3464.

Sincerely,

Roy P. Hart
EHS Manager

ADDRESS P.O. Box 98
Roaring River, NC 28669

TEL 336.696.2751
FAX 336.696.3443
WEB www.lpcorp.com

BUILD WITH US

Meritech, Inc.

Environmental Laboratory

Laboratory Certification No. 165

Contact: Tim Lanier
Client: Louisiana-Pacific Corp.
PO Box 98
Roaring River, NC 28669

Report Date: 3/5/2013

Project: LandFill GWM
Date Sample Rcvd: 2/13/2013

Meritech Work Order # 02131347 Sample: GW Fly Ash FA2 2/12/13

Parameters	Result	Analysis Date	Reporting Limit	Method
Antimony, total	< 0.025 mg/L	2/25/13	0.025 mg/L	EPA 200.7
Arsenic, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Barium, total	0.067 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Beryllium, total	< 0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Cadmium, total	< 0.002 mg/L	2/25/13	0.002 mg/L	EPA 200.7
Chromium, total	0.007 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Cobalt, total	< 0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Copper, total	0.041 mg/L	2/25/13	0.002 mg/L	EPA 200.7
Lead, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Nickel, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Selenium, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Silver, total	< 0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Thallium, total	< 0.020 mg/L	2/25/13	0.020 mg/L	EPA 200.7
Vanadium, total	< 0.040 mg/L	2/25/13	0.040 mg/L	EPA 200.7
Zinc, total	0.051 mg/L	2/25/13	0.010 mg/L	EPA 200.7
SW-846 8260/5035	Attached	2/25/13	- -	8260
Trip Blank	Attached	2/25/13	- -	-

642 Tamco Road, Reidsville, North Carolina 27320
tel.(336)342-4748 fax.(336)342-1522

MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	02131347
Project:	Landfill GWM	**Analysis:**	02/25/13
Client Sample ID:	GW Fly Ash FA2	**Analyst:**	VWV
Sample Collection:	02/12/13	**Dilution Factor:**	1

SW-846-8260 VOLATILE ORGANICS - Water

Acetone	< 5.00 ug/L	cis-1,3-Dichloropropene	< 0.500 ug/L
Benzene	< 0.500 ug/L	trans-1,3-Dichloropropene	< 0.500 ug/L
Bromobenzene	< 0.500 ug/L	Ethanol	< 50.0 ug/L
Bromodichloromethane	< 0.500 ug/L	Ethyl benzene	< 0.500 ug/L
Bromochloromethane	< 0.500 ug/L	Hexachlorobutadiene	< 0.500 ug/L
Bromoform	< 0.500 ug/L	2-Hexanone	< 1.00 ug/L
Bromomethane	< 0.500 ug/L	Isopropylbenzene	< 0.500 ug/L
2-Butanone (MEK)	< 5.00 ug/L	p-Isopropyltoluene	< 0.500 ug/L
n-Butylbenzene	< 0.500 ug/L	Methylene chloride	< 0.500 ug/L
sec-Butylbenzene	< 0.500 ug/L	Methly Isobutyl Ketone (MIBK)	< 0.500 ug/L
tert-Butylbenzene	< 0.500 ug/L	Methyl iodide	< 0.500 ug/L
Carbon Tetrachloride	< 0.500 ug/L	Naphthalene	< 0.500 ug/L
Chlorobenzene	< 0.500 ug/L	n-Propylbenzene	< 0.500 ug/L
Chloroethane	< 0.500 ug/L	Styrene	< 0.500 ug/L
Chloroform	< 0.500 ug/L	1,1,1,2-Tetrachloroethane	< 0.500 ug/L
Chloromethane	< 0.500 ug/L	1,1,2,2-Tetrachloroethane	< 0.500 ug/L
2-Chlorotoluene	< 0.500 ug/L	Tetrachloroethene (PCE)	< 0.500 ug/L
4-Chlorotoluene	< 0.500 ug/L	Toluene	< 0.500 ug/L
Dibromochloromethane	< 0.500 ug/L	1,1,1-Trichloroethane	< 0.500 ug/L
1,2-Dibromo-3-chloropropane	< 0.500 ug/L	1,1,2-Trichloroethane	< 0.500 ug/L
1,2-Dibromoethane (EDB)	< 0.500 ug/L	Trichloroethene (TCE)	< 0.500 ug/L
Dibromomethane	< 0.500 ug/L	1,2,3-Trichlorobenzene	< 0.500 ug/L
Dichlorodifluoromethane	< 0.500 ug/L	1,2,4-Trichlorobenzene	< 0.500 ug/L
1,1-Dichloroethane	< 0.500 ug/L	1,2,3-Trichloropropane	< 0.500 ug/L
1,2-Dichloroethane	< 0.500 ug/L	Trichlorofluoromethane	< 0.500 ug/L
1,4-Dichlorobenzene	< 0.500 ug/L	1,2,4-Trimethylbenzene	< 0.500 ug/L
1,2-Dichlorobenzene	< 0.500 ug/L	1,3,5-Trimethylbenzene	< 0.500 ug/L
1,3-Dichlorobenzene	< 0.500 ug/L	Vinyl acetate	< 1.00 ug/L
1,1-Dichloroethene	< 0.500 ug/L	Vinyl chloride	< 0.005 ug/L
cis-1,2-Dichloroethene	< 0.500 ug/L	m/p-Xylenes	< 1.00 ug/L
trans-1,2-Dichloroethene	< 0.500 ug/L	o-Xylene	< 0.500 ug/L
1,2-Dichloropropane	< 0.500 ug/L	**Additional Compounds**	
1,3-Dichloropropane	< 0.500 ug/L	Methyl-tert-butyl ether (MTBE)	< 0.500 ug/L
2,2-Dichloropropane	< 0.500 ug/L	Isopropyl ether (IPE)	< 0.500 ug/L
1,1-Dichloropropene	< 0.500 ug/L		
1,2-Dichloropropene	< 0.500 ug/L		

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax

MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	02131347
Project:	Landfill GWM	**Analysis:**	02/25/13
Client Sample ID:	GW Fly Ash FA2	**Analyst:**	VWV
Sample Collection:	02/12/13	**Dilution Factor:**	1
Sample Volume:	5ml purge	**Report Date:**	03/04/13
% solid	N/A		

Batch Blank = Below Reporting Limit **(Yes) / No** *

Internal Standards method criteria acceptable **(Yes) / No** *

Surrogate Recoveries	Spike Conc	Spike Recovery	Limits
Dibromofluoromethane	30 ug/L	89%	31-120%
Toluene-d8	30 ug/L	73%	53-100%
Bromofluorobenzene	30 ug/L	77%	42-115%

Laboratory QC Check

Matrix Spike Recoveries Acceptable **(Yes) / No** *

Spike Compound	Spike Conc	Spike %Rec.	Duplicate % Rec.	RPD	RPD Limits	QC Limits
1,1-Dichloroethene	25 ug/L	40%	38%	7	20	21-110
Benzene	25 ug/L	81%	79%	2	20	45-118
Trichloroethene	25 ug/L	68%	67%	2	20	45-121
Toluene	25 ug/L	74%	76%	3	20	62-120
Chlorobenzene	25 ug/L	82%	86%	4	20	45-112

- Fails Limit Check

* - If "no" is selected, see third page for details.

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax

MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	02131347tb
Project:	Landfill GWM	**Analysis:**	02/25/13
Client Sample ID:	Trip Blank	**Analyst:**	VWV
Sample Collection:	02/12/13	**Dilution Factor:**	1

SW-846-8260 VOLATILE ORGANICS - Water

Acetone	< 5.00 ug/L	cis-1,3-Dichloropropene	< 0.500 ug/L
Benzene	< 0.500 ug/L	trans-1,3-Dichloropropene	< 0.500 ug/L
Bromobenzene	< 0.500 ug/L	Ethanol	< 50.0 ug/L
Bromodichloromethane	< 0.500 ug/L	Ethyl benzene	< 0.500 ug/L
Bromochloromethane	< 0.500 ug/L	Hexachlorobutadiene	< 0.500 ug/L
Bromoform	< 0.500 ug/L	2-Hexanone	< 1.00 ug/L
Bromomethane	< 0.500 ug/L	Isopropylbenzene	< 0.500 ug/L
2-Butanone (MEK)	< 5.00 ug/L	p-Isopropyltoluene	< 0.500 ug/L
n-Butylbenzene	< 0.500 ug/L	Methylene chloride	< 0.500 ug/L
sec-Butylbenzene	< 0.500 ug/L	Methly Isobutyl Ketone (MIBK)	< 0.500 ug/L
tert-Butylbenzene	< 0.500 ug/L	Methyl iodide	< 0.500 ug/L
Carbon Tetrachloride	< 0.500 ug/L	Naphthalene	< 0.500 ug/L
Chlorobenzene	< 0.500 ug/L	n-Propylbenzene	< 0.500 ug/L
Chloroethane	< 0.500 ug/L	Styrene	< 0.500 ug/L
Chloroform	< 0.500 ug/L	1,1,1,2-Tetrachloroethane	< 0.500 ug/L
Chloromethane	< 0.500 ug/L	1,1,2,2-Tetrachloroethane	< 0.500 ug/L
2-Chlorotoluene	< 0.500 ug/L	Tetrachloroethene (PCE)	< 0.500 ug/L
4-Chlorotoluene	< 0.500 ug/L	Toluene	< 0.500 ug/L
Dibromochloromethane	< 0.500 ug/L	1,1,1-Trichloroethane	< 0.500 ug/L
1,2-Dibromo-3-chloropropane	< 0.500 ug/L	1,1,2-Trichloroethane	< 0.500 ug/L
1,2-Dibromoethane (EDB)	< 0.500 ug/L	Trichloroethene (TCE)	< 0.500 ug/L
Dibromomethane	< 0.500 ug/L	1,2,3-Trichlorobenzene	< 0.500 ug/L
Dichlorodifluoromethane	< 0.500 ug/L	1,2,4-Trichlorobenzene	< 0.500 ug/L
1,1-Dichloroethane	< 0.500 ug/L	1,2,3-Trichloropropane	< 0.500 ug/L
1,2-Dichloroethane	< 0.500 ug/L	Trichlorofluoromethane	< 0.500 ug/L
1,4-Dichlorobenzene	< 0.500 ug/L	1,2,4-Trimethylbenzene	< 0.500 ug/L
1,2-Dichlorobenzene	< 0.500 ug/L	1,3,5-Trimethylbenzene	< 0.500 ug/L
1,3-Dichlorobenzene	< 0.500 ug/L	Vinyl acetate	< 1.00 ug/L
1,1-Dichloroethene	< 0.500 ug/L	Vinyl chloride	< 0.005 ug/L
cis-1,2-Dichloroethene	< 0.500 ug/L	m/p-Xylenes	< 1.00 ug/L
trans-1,2-Dichloroethene	< 0.500 ug/L	o-Xylene	< 0.500 ug/L
1,2-Dichloropropane	< 0.500 ug/L	**Additional Compounds**	
1,3-Dichloropropane	< 0.500 ug/L	Methyl-tert-butyl ether (MTBE)	< 0.500 ug/L
2,2-Dichloropropane	< 0.500 ug/L	Isopropyl ether (IPE)	< 0.500 ug/L
1,1-Dichloropropene	< 0.500 ug/L		
1,2-Dichloropropene	< 0.500 ug/L		

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax

MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	02131347tb
Project:	Landfill GWM	**Analysis:**	02/25/13
Client Sample ID:	Trip Blank	**Analyst:**	VWV
Sample Collection:	02/12/13	**Dilution Factor:**	1
Sample Volume:	5ml purge	**Report Date:**	03/04/13
% solid	N/A		

Batch Blank = Below Reporting Limit **(Yes) / No** *

Internal Standards method criteria acceptable **(Yes) / No** *

Surrogate Recoveries	Spike Conc	Spike Recovery	Limits
Dibromofluoromethane	30 ug/L	91%	31-120%
Toluene-d8	30 ug/L	73%	53-100%
Bromofluorobenzene	30 ug/L	78%	42-115%

Laboratory QC Check

Matrix Spike Recoveries Acceptable **(Yes) / No** *

Spike Compound	Spike Conc	Spike %Rec.	Duplicate % Rec.	RPD	RPD Limits	QC Limits
1,1-Dichloroethene	25 ug/L	40%	38%	7	20	21-110
Benzene	25 ug/L	81%	79%	2	20	45-118
Trichloroethene	25 ug/L	68%	67%	2	20	45-121
Toluene	25 ug/L	74%	76%	3	20	62-120
Chlorobenzene	25 ug/L	82%	86%	4	20	45-112

- Fails Limit Check

* - If "no" is selected, see third page for details.

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax

Meritech, Inc.

Environmental Laboratory

Laboratory Certification No. 165

Contact: Tim Lanier
Client: Louisiana-Pacific Corp.
PO Box 98
Roaring River, NC 28669

Report Date: 3/5/2013

Project: LandFill GWM
Date Sample Rcvd: 2/13/2013

Meritech Work Order # 02131348 Sample: GW Fly Ash FA3 2/12/13

Parameters	Result	Analysis Date	Reporting Limit	Method
Antimony, total	< 0.025 mg/L	2/25/13	0.025 mg/L	EPA 200.7
Arsenic, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Barium, total	0.065 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Beryllium, total	< 0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Cadmium, total	< 0.002 mg/L	2/25/13	0.002 mg/L	EPA 200.7
Chromium, total	0.021 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Cobalt, total	0.010 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Copper, total	0.014 mg/L	2/25/13	0.002 mg/L	EPA 200.7
Lead, total	0.015 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Nickel, total	0.013 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Selenium, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Silver, total	< 0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Thallium, total	< 0.020 mg/L	2/25/13	0.020 mg/L	EPA 200.7
Vanadium, total	< 0.040 mg/L	2/25/13	0.040 mg/L	EPA 200.7
Zinc, total	0.033 mg/L	2/25/13	0.010 mg/L	EPA 200.7
SW-846 8260/5035	Attached	2/25/13	- -	8260

642 Tamco Road, Reidsville, North Carolina 27320
tel.(336)342-4748 fax.(336)342-1522

MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	02131348
Project:	Landfill GWM	**Analysis:**	02/25/13
Client Sample ID:	GW Fly Ash FA3	**Analyst:**	VWV
Sample Collection:	02/12/13	**Dilution Factor:**	1

SW-846-8260 VOLATILE ORGANICS - Water

Acetone	< 5.00 ug/L	cis-1,3-Dichloropropene	< 0.500 ug/L
Benzene	< 0.500 ug/L	trans-1,3-Dichloropropene	< 0.500 ug/L
Bromobenzene	< 0.500 ug/L	Ethanol	< 50.0 ug/L
Bromodichloromethane	< 0.500 ug/L	Ethyl benzene	< 0.500 ug/L
Bromochloromethane	< 0.500 ug/L	Hexachlorobutadiene	< 0.500 ug/L
Bromoform	< 0.500 ug/L	2-Hexanone	< 1.00 ug/L
Bromomethane	< 0.500 ug/L	Isopropylbenzene	< 0.500 ug/L
2-Butanone (MEK)	< 5.00 ug/L	p-Isopropyltoluene	< 0.500 ug/L
n-Butylbenzene	< 0.500 ug/L	Methylene chloride	< 0.500 ug/L
sec-Butylbenzene	< 0.500 ug/L	Methly Isobutyl Ketone (MIBK)	< 0.500 ug/L
tert-Butylbenzene	< 0.500 ug/L	Methyl iodide	< 0.500 ug/L
Carbon Tetrachloride	< 0.500 ug/L	Naphthalene	< 0.500 ug/L
Chlorobenzene	< 0.500 ug/L	n-Propylbenzene	< 0.500 ug/L
Chloroethane	< 0.500 ug/L	Styrene	< 0.500 ug/L
Chloroform	< 0.500 ug/L	1,1,1,2-Tetrachloroethane	< 0.500 ug/L
Chloromethane	< 0.500 ug/L	1,1,2,2-Tetrachloroethane	< 0.500 ug/L
2-Chlorotoluene	< 0.500 ug/L	Tetrachloroethene (PCE)	< 0.500 ug/L
4-Chlorotoluene	< 0.500 ug/L	Toluene	< 0.500 ug/L
Dibromochloromethane	< 0.500 ug/L	1,1,1-Trichloroethane	< 0.500 ug/L
1,2-Dibromo-3-chloropropane	< 0.500 ug/L	1,1,2-Trichloroethane	< 0.500 ug/L
1,2-Dibromoethane (EDB)	< 0.500 ug/L	Trichloroethene (TCE)	< 0.500 ug/L
Dibromomethane	< 0.500 ug/L	1,2,3-Trichlorobenzene	< 0.500 ug/L
Dichlorodifluoromethane	< 0.500 ug/L	1,2,4-Trichlorobenzene	< 0.500 ug/L
1,1-Dichloroethane	< 0.500 ug/L	1,2,3-Trichloropropane	< 0.500 ug/L
1,2-Dichloroethane	< 0.500 ug/L	Trichlorofluoromethane	< 0.500 ug/L
1,4-Dichlorobenzene	< 0.500 ug/L	1,2,4-Trimethylbenzene	< 0.500 ug/L
1,2-Dichlorobenzene	< 0.500 ug/L	1,3,5-Trimethylbenzene	< 0.500 ug/L
1,3-Dichlorobenzene	< 0.500 ug/L	Vinyl acetate	< 1.00 ug/L
1,1-Dichloroethene	< 0.500 ug/L	Vinyl chloride	< 0.005 ug/L
cis-1,2-Dichloroethene	< 0.500 ug/L	m/p-Xylenes	< 1.00 ug/L
trans-1,2-Dichloroethene	< 0.500 ug/L	o-Xylene	< 0.500 ug/L
1,2-Dichloropropane	< 0.500 ug/L	**Additional Compounds**	
1,3-Dichloropropane	< 0.500 ug/L	Methyl-tert-butyl ether (MTBE)	< 0.500 ug/L
2,2-Dichloropropane	< 0.500 ug/L	Isopropyl ether (IPE)	< 0.500 ug/L
1,1-Dichloropropene	< 0.500 ug/L		
1,2-Dichloropropene	< 0.500 ug/L		

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax

MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	02131348
Project:	Landfill GWM	**Analysis:**	02/25/13
Client Sample ID:	GW Fly Ash FA3	**Analyst:**	VWV
Sample Collection:	02/12/13	**Dilution Factor:**	1
Sample Volume:	5ml purge	**Report Date:**	03/04/13
% solid	N/A		

Batch Blank = Below Reporting Limit **(Yes) / No** *

Internal Standards method criteria acceptable **(Yes) / No** *

Surrogate Recoveries	Spike Conc	Spike Recovery	Limits
Dibromofluoromethane	30 ug/L	90%	31-120%
Toluene-d8	30 ug/L	69%	53-100%
Bromofluorobenzene	30 ug/L	77%	42-115%

Laboratory QC Check

Matrix Spike Recoveries Acceptable **(Yes) / No** *

Spike Compound	Spike Conc	Spike %Rec.	Duplicate % Rec.	RPD	RPD Limits	QC Limits
1,1-Dichloroethene	25 ug/L	40%	38%	7	20	21-110
Benzene	25 ug/L	81%	79%	2	20	45-118
Trichloroethene	25 ug/L	68%	67%	2	20	45-121
Toluene	25 ug/L	74%	76%	3	20	62-120
Chlorobenzene	25 ug/L	82%	86%	4	20	45-112

- Fails Limit Check

* - If "no" is selected, see third page for details.

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax

Meritech, Inc.

Environmental Laboratory

Laboratory Certification No. 165

Contact: Tim Lanier
Client: Louisiana-Pacific Corp.
PO Box 98
Roaring River, NC 28669

Report Date: 3/5/2013

Project: LandFill GWM
Date Sample Rcvd: 2/13/2013

Meritech Work Order # 02131349 Sample: GW Fly Ash FA4 2/12/13

Parameters	Result	Analysis Date	Reporting Limit	Method
Antimony, total	< 0.025 mg/L	2/25/13	0.025 mg/L	EPA 200.7
Arsenic, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Barium, total	0.019 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Beryllium, total	< 0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Cadmium, total	< 0.002 mg/L	2/25/13	0.002 mg/L	EPA 200.7
Chromium, total	< 0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Cobalt, total	< 0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Copper, total	0.013 mg/L	2/25/13	0.002 mg/L	EPA 200.7
Lead, total	0.011 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Nickel, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Selenium, total	< 0.010 mg/L	2/25/13	0.010 mg/L	EPA 200.7
Silver, total	0.005 mg/L	2/25/13	0.005 mg/L	EPA 200.7
Thallium, total	< 0.020 mg/L	2/25/13	0.020 mg/L	EPA 200.7
Vanadium, total	< 0.040 mg/L	2/25/13	0.040 mg/L	EPA 200.7
Zinc, total	0.039 mg/L	2/25/13	0.010 mg/L	EPA 200.7
SW-846 8260/5035	Attached	2/25/13	- -	8260

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road, Reidsville, North Carolina 27320
tel.(336)342-4748 fax.(336)342-1522

MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	02131349
Project:	Landfill GWM	**Analysis:**	02/25/13
Client Sample ID:	GW Fly Ash FA4	**Analyst:**	VWV
Sample Collection:	02/12/13	**Dilution Factor:**	1

SW-846-8260 VOLATILE ORGANICS - Water

Acetone	< 5.00 ug/L	cis-1,3-Dichloropropene	< 0.500 ug/L
Benzene	< 0.500 ug/L	trans-1,3-Dichloropropene	< 0.500 ug/L
Bromobenzene	< 0.500 ug/L	Ethanol	< 50.0 ug/L
Bromodichloromethane	< 0.500 ug/L	Ethyl benzene	< 0.500 ug/L
Bromochloromethane	< 0.500 ug/L	Hexachlorobutadiene	< 0.500 ug/L
Bromoform	< 0.500 ug/L	2-Hexanone	< 1.00 ug/L
Bromomethane	< 0.500 ug/L	Isopropylbenzene	< 0.500 ug/L
2-Butanone (MEK)	< 5.00 ug/L	p-Isopropyltoluene	< 0.500 ug/L
n-Butylbenzene	< 0.500 ug/L	Methylene chloride	< 0.500 ug/L
sec-Butylbenzene	< 0.500 ug/L	Methly Isobutyl Ketone (MIBK)	< 0.500 ug/L
tert-Butylbenzene	< 0.500 ug/L	Methyl iodide	< 0.500 ug/L
Carbon Tetrachloride	< 0.500 ug/L	Naphthalene	< 0.500 ug/L
Chlorobenzene	< 0.500 ug/L	n-Propylbenzene	< 0.500 ug/L
Chloroethane	< 0.500 ug/L	Styrene	< 0.500 ug/L
Chloroform	< 0.500 ug/L	1,1,1,2-Tetrachloroethane	< 0.500 ug/L
Chloromethane	< 0.500 ug/L	1,1,2,2-Tetrachloroethane	< 0.500 ug/L
2-Chlorotoluene	< 0.500 ug/L	Tetrachloroethene (PCE)	< 0.500 ug/L
4-Chlorotoluene	< 0.500 ug/L	Toluene	< 0.500 ug/L
Dibromochloromethane	< 0.500 ug/L	1,1,1-Trichloroethane	< 0.500 ug/L
1,2-Dibromo-3-chloropropane	< 0.500 ug/L	1,1,2-Trichloroethane	< 0.500 ug/L
1,2-Dibromoethane (EDB)	< 0.500 ug/L	Trichloroethene (TCE)	< 0.500 ug/L
Dibromomethane	< 0.500 ug/L	1,2,3-Trichlorobenzene	< 0.500 ug/L
Dichlorodifluoromethane	< 0.500 ug/L	1,2,4-Trichlorobenzene	< 0.500 ug/L
1,1-Dichloroethane	< 0.500 ug/L	1,2,3-Trichloropropane	< 0.500 ug/L
1,2-Dichloroethane	< 0.500 ug/L	Trichlorofluoromethane	< 0.500 ug/L
1,4-Dichlorobenzene	< 0.500 ug/L	1,2,4-Trimethylbenzene	< 0.500 ug/L
1,2-Dichlorobenzene	< 0.500 ug/L	1,3,5-Trimethylbenzene	< 0.500 ug/L
1,3-Dichlorobenzene	< 0.500 ug/L	Vinyl acetate	< 1.00 ug/L
1,1-Dichloroethene	< 0.500 ug/L	Vinyl chloride	< 0.005 ug/L
cis-1,2-Dichloroethene	< 0.500 ug/L	m/p-Xylenes	< 1.00 ug/L
trans-1,2-Dichloroethene	< 0.500 ug/L	o-Xylene	< 0.500 ug/L
1,2-Dichloropropane	< 0.500 ug/L	**Additional Compounds**	
1,3-Dichloropropane	< 0.500 ug/L	Methyl-tert-butyl ether (MTBE)	< 0.500 ug/L
2,2-Dichloropropane	< 0.500 ug/L	Isopropyl ether (IPE)	< 0.500 ug/L
1,1-Dichloropropene	< 0.500 ug/L		
1,2-Dichloropropene	< 0.500 ug/L		

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax

MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	02131349
Project:	Landfill GWM	**Analysis:**	02/25/13
Client Sample ID:	GW Fly Ash FA4	**Analyst:**	VWV
Sample Collection:	02/12/13	**Dilution Factor:**	1
Sample Volume:	5ml purge	**Report Date:**	03/04/13
% solid	N/A		

Batch Blank = Below Reporting Limit (Yes) / No *

Internal Standards method criteria acceptable (Yes) / No *

Surrogate Recoveries	Spike Conc	Spike Recovery	Limits
Dibromofluoromethane	30 ug/L	93%	31-120%
Toluene-d8	30 ug/L	71%	53-100%
Bromofluorobenzene	30 ug/L	80%	42-115%

Laboratory QC Check

Matrix Spike Recoveries Acceptable (Yes) / No *

Spike Compound	Spike Conc	Spike %Rec.	Duplicate % Rec.	RPD	RPD Limits	QC Limits
1,1-Dichloroethene	25 ug/L	40%	38%	7	20	21-110
Benzene	25 ug/L	81%	79%	2	20	45-118
Trichloroethene	25 ug/L	68%	67%	2	20	45-121
Toluene	25 ug/L	74%	76%	3	20	62-120
Chlorobenzene	25 ug/L	82%	86%	4	20	45-112

- Fails Limit Check

* - If "no" is selected, see third page for details.

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax