Certified Mail – 7012 1010 0002 5668 0825
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LP BUILDING PRODUCTS

September 15, 2015

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

RECEIVED
SEP 21 2015
SOLID WASTE SECTION

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

Dear Mr. Lane:

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 08/27/2015. 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 to Water	Conductivity (umhos/cm)	pH	Temperature (deg C)	
FA2	18'8"	19.51	5.68	16.5	
FA3	15'6"	19.93	6.02	16.3	
FA4	61'8"	13.41	6.57	16.8	
STREAM	N/A	N/A	N/A	N/A	Dry

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: James Boles
Client: Louisiana-Pacific Corp.
PO Box 98
Roaring River, NC 28669

Report Date: 9/8/2015
NPDES #: Fly Ash Landfill

Date Sample Rcvd: 8/28/2015

Meritech Work Order # 08281529 Sample: GW Fly Ash FA2 Grab 8/27/15

Parameters	Result	Analysis Date	Reporting Limit	Method
Antimony, total	<0.025 mg/L	9/6/15	0.025 mg/L	EPA 200.7
Arsenic, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Barium, total	0.073 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Beryllium, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Cadmium, total	<0.002 mg/L	9/6/15	0.002 mg/L	EPA 200.7
Chromium, total	<0.002 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Cobalt, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Copper, total	0.018 mg/L	9/6/15	0.002 mg/L	EPA 200.7
Lead, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Nickel, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Selenium, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Silver, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Thallium, total	<0.020 mg/L	9/6/15	0.020 mg/L	EPA 200.7
Vanadium, total	<0.040 mg/L	9/6/15	0.040 mg/L	EPA 200.7
Zinc, total	0.023 mg/L	9/6/15	0.010 mg/L	EPA 200.7
EPA 8260 + Special	Attached	8/31/15	- -	8260

Meritech Work Order # 08281530 Sample: GW Fly Ash FA3 Grab 8/27/15

Parameters	Result	Analysis Date	Reporting Limit	Method
Antimony, total	<0.025 mg/L	9/6/15	0.025 mg/L	EPA 200.7
Arsenic, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Barium, total	0.058 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Beryllium, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Cadmium, total	<0.002 mg/L	9/6/15	0.002 mg/L	EPA 200.7
Chromium, total	0.007 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Cobalt, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Copper, total	0.062 mg/L	9/6/15	0.002 mg/L	EPA 200.7
Lead, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Nickel, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Selenium, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Silver, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Thallium, total	<0.020 mg/L	9/6/15	0.020 mg/L	EPA 200.7
Vanadium, total	<0.010 mg/L	9/6/15	0.040 mg/L	EPA 200.7
Zinc, total	0.046 mg/L	9/6/15	0.010 mg/L	EPA 200.7
EPA 8260 + Special	Attached	8/31/15	- -	8260

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

Meritech, Inc.
Environmental Laboratory
Laboratory Certification No. 165

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

Report Date: 9/8/2015
NPDES #: Fly Ash Landfill

Date Sample Rcvd: 8/28/2015

Meritech Work Order # 08281531 Sample: GW Fly Ash FA4 Grab 8/27/15

Parameters	Result	Analysis Date	Reporting Limit	Method
Antimony, total	<0.025 mg/L	9/6/15	0.025 mg/L	EPA 200.7
Arsenic, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Barium, total	0.010 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Beryllium, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Cadmium, total	<0.002 mg/L	9/6/15	0.002 mg/L	EPA 200.7
Chromium, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Cobalt, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Copper, total	0.005 mg/L	9/6/15	0.002 mg/L	EPA 200.7
Lead, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Nickel, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Selenium, total	<0.010 mg/L	9/6/15	0.010 mg/L	EPA 200.7
Silver, total	<0.005 mg/L	9/6/15	0.005 mg/L	EPA 200.7
Thallium, total	<0.020 mg/L	9/6/15	0.020 mg/L	EPA 200.7
Vanadium, total	<0.040 mg/L	9/6/15	0.040 mg/L	EPA 200.7
Zinc, total	0.013 mg/L	9/6/15	0.010 mg/L	EPA 200.7
EPA 8260 + Special	Attached	8/31/15	- -	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#:**	08281529
Project:	Fly Ash Landfill	**Analysis:**	08/31/15
Client Sample ID:	GW Fly Ash FA2	**Analyst:**	VWV
Sample Collection:	08/27/15	**Dilution Factor:**	1

Acetone	< 5.00 ug/L	cis-1,3-Dichloropropene	< 0.500 ug/L
Acrylonitrile	< 5.00 ug/L	trans-1,3-Dichloropropene	< 0.500 ug/L
Benzene	< 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
Carbon disulfide	< 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
trans-1,4-Dichloro-2-butene	< 0.500 ug/L		
1,2-Dichloropropane	< 0.500 ug/L		
1,3-Dichloropropane	< 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#:**	08281529
Project:	Fly Ash Landfill	**Analysis:**	08/31/15
Client Sample ID:	GW Fly Ash FA2	**Analyst:**	VWV
Sample Collection:	08/27/15	**Dilution Factor:**	1
Sample Volume:	5ml purge	**Report Date:**	09/01/15
% 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	110%	80-120%
Toluene-d8	30 ug/L	90%	80-120%
Bromofluorobenzene	30 ug/L	91%	80-120%

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	84%	84%	0	20	49-117
Benzene	25 ug/L	106%	102%	3	20	58-145
Trichloroethene	25 ug/L	87%	83%	4	20	48-107
Toluene	25 ug/L	80%	85%	7	20	52-110
Chlorobenzene	25 ug/L	87%	88%	1	20	40-137

- 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#:**	08281529tb
Project:	Fly Ash Landfill	**Analysis:**	08/31/15
Client Sample ID:	Trip Blank	**Analyst:**	VWV
Sample Collection:	08/27/15	**Dilution Factor:**	1

Acetone	< 5.00 ug/L	cis-1,3-Dichloropropene	< 0.500 ug/L
Acrylonitrile	< 5.00 ug/L	trans-1,3-Dichloropropene	< 0.500 ug/L
Benzene	< 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
Carbon disulfide	< 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
trans-1,4-Dichloro-2-butene	< 0.500 ug/L		
1,2-Dichloropropane	< 0.500 ug/L		
1,3-Dichloropropane	< 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#:**	08281529tb
Project:	Fly Ash Landfill	**Analysis:**	08/31/15
Client Sample ID:	Trip Blank	**Analyst:**	VWV
Sample Collection:	08/27/15	**Dilution Factor:**	1
Sample Volume:	5ml purge	**Report Date:**	09/01/15
% 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	114%	80-120%
Toluene-d8	30 ug/L	93%	80-120%
Bromofluorobenzene	30 ug/L	94%	80-120%

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	84%	84%	0	20	49-117
Benzene	25 ug/L	106%	102%	3	20	58-145
Trichloroethene	25 ug/L	87%	83%	4	20	48-107
Toluene	25 ug/L	80%	85%	7	20	52-110
Chlorobenzene	25 ug/L	87%	88%	1	20	40-137

- 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#:**	08281530
Project:	Fly Ash Landfill	**Analysis:**	08/31/15
Client Sample ID:	GW Fly Ash FA3	**Analyst:**	VWV
Sample Collection:	08/27/15	**Dilution Factor:**	1

Acetone	< 5.00 ug/L	cis-1,3-Dichloropropene	< 0.500 ug/L
Acrylonitrile	< 5.00 ug/L	trans-1,3-Dichloropropene	< 0.500 ug/L
Benzene	< 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
Carbon disulfide	< 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
trans-1,4-Dichloro-2-butene	< 0.500 ug/L		
1,2-Dichloropropane	< 0.500 ug/L		
1,3-Dichloropropane	< 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#:**	08281530
Project:	Fly Ash Landfill	**Analysis:**	08/31/15
Client Sample ID:	GW Fly Ash FA3	**Analyst:**	VWV
Sample Collection:	08/27/15	**Dilution Factor:**	1
Sample Volume:	5ml purge	**Report Date:**	09/01/15
% 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	113%	80-120%
Toluene-d8	30 ug/L	91%	80-120%
Bromofluorobenzene	30 ug/L	95%	80-120%

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	84%	84%	0	20	49-117
Benzene	25 ug/L	106%	102%	3	20	58-145
Trichloroethene	25 ug/L	87%	83%	4	20	48-107
Toluene	25 ug/L	80%	85%	7	20	52-110
Chlorobenzene	25 ug/L	87%	88%	1	20	40-137

- 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
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MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	LP Corp	**Meritech ID#:**	08281531
Project:	Fly Ash Landfill	**Analysis:**	08/31/15
Client Sample ID:	GW Fly Ash FA4	**Analyst:**	VWV
Sample Collection:	08/27/15	**Dilution Factor:**	1

Acetone	< 5.00 ug/L	cis-1,3-Dichloropropene	< 0.500 ug/L
Acrylonitrile	< 5.00 ug/L	trans-1,3-Dichloropropene	< 0.500 ug/L
Benzene	< 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
Carbon disulfide	< 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
trans-1,4-Dichloro-2-butene	< 0.500 ug/L		
1,2-Dichloropropane	< 0.500 ug/L		
1,3-Dichloropropane	< 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#:**	08281531
Project:	Fly Ash Landfill	**Analysis:**	08/31/15
Client Sample ID:	GW Fly Ash FA4	**Analyst:**	VWV
Sample Collection:	08/27/15	**Dilution Factor:**	1
Sample Volume:	5ml purge	**Report Date:**	09/01/15
% 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	113%	80-120%
Toluene-d8	30 ug/L	89%	80-120%
Bromofluorobenzene	30 ug/L	93%	80-120%

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	84%	84%	0	20	49-117
Benzene	25 ug/L	106%	102%	3	20	58-145
Trichloroethene	25 ug/L	87%	83%	4	20	48-107
Toluene	25 ug/L	80%	85%	7	20	52-110
Chlorobenzene	25 ug/L	87%	88%	1	20	40-137

- 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

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Chain of Custody Record (COC)

MERITECH INC.
Environmental Laboratories
A Division of Water Technology and Control, Inc.

642 Tamco Rd
Reidsville, NC
27320

Phone 1-336-342-4748
Fax: 1-336-342-1522
Email: wtclab@bellsouth.net
Web Site: www.meritech-labs.com

Client: LP Corp
Address: P O Box 98
Roaring River,NC 28669
Attention: [redacted] James Boles

NPDES #: Fly Ash Landfill
Phone: 336-696-3410
Fax
Email: James.boles@lpcorp.com
Project:
PO #:

Turn Around Time*

Std (10 days)	3 - 5 Day	24 - 48 Hr
X		

Person Taking Sample (Signature): James A. Boles III

Sample Location/ID #	Sampling Dates & Times START Date	START Time	END Date	END Time	Comp? Grab?	# of Conts.	Tests Required	Lab Use Only On Ice? 3.9°C	pH OK? C12 OK?
GW Fly Ash FA2	8/27/15	10:10 Am	8/27/15	10:25 Am	G	1	Metals-Sb,AsBa,Be,Cd,Cr,Co,Cu,Pb,Ni, 29		<2
							Se,Ag,Tl,V,Zn (w/HNO3)		↓
					G	3	8260 (w/HCl) + Special		
GW Fly Ash FA3	8/27/15	10:32 Am	8/27/15	10:50 Am	G	1	Metals-Sb,AsBa,Be,Cd,Cr,Co,Cu,Pb,Ni, 30		<2
							Se,Ag,Tl,V,Zn (w/HNO3)		↓
					G	3	8260 (w/HCl) + Special		
GW Fly Ash FA4	8/27/15	09:24 Am	8/27/15	09:50 Am	G	1	Metals-Sb,AsBa,Be,Cd,Cr,Co,Cu,Pb,Ni, 31		<2
							Se,Ag,Tl,V,Zn (w/HNO3)		↓
					G	3	8260 (w/HCl) + Special		

Method of Shipment:
- [ ] UPS
- [x] Fed Ex
- [ ] Hand Delivery
- [ ] Other

Comments:

Will these results be used for regulatory purposes? Yes [x] No [ ]

*RUSH work must be approved prior to submitting samples.

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
James A. Boles III	8/27/15	11:15 Am			
			Received at lab by: [signature]	8/28/15	235