

Lauridsen, Keld B - DNR

From: Lauridsen, Keld B - DNR
Sent: Monday, September 30, 2019 3:50 PM
To: 'POMERVILLE, JACQUELYN'
Cc: 'Moore, Michael (GBY)'; 'Mrotek, Melissa (GBY)'; 'Killian, Paul'; 'Miller, Roger'
Subject: RE: G-P Broadway Mill Boiler 6 Area Release Notification

Jackie,

Thanks for taking the time earlier today to discuss the soil sampling plan included as part of the release notification.

During our phone conversation, you pointed out that the soil sampling locations proposed in a brief workplan submitted on September 3, 2019, had been revised in the attached document due to underground utilities and other physical constraints. You also indicated that additional soil sampling may have to be completed at a later point in time to get a better handle on the remaining soil contamination.

I mentioned that comparison to the industrial direct contact soil standard (RCL) for lead is appropriate only once degree and extent has been adequately defined.

Let me know if we need to discuss anything further.

Thanks,

-Keld

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Keld B. Lauridsen

Phone: (920) 662-5420

Keld.Lauridsen@wisconsin.gov

From: POMERVILLE, JACQUELYN <JACQUELYN.POMERVILLE@GAPAC.COM>
Sent: Monday, September 30, 2019 11:31 AM
To: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Cc: Moore, Michael (GBY) <MICHAEL.MOORE@GAPAC.com>; Mrotek, Melissa (GBY) <MELISSA.MROTEK@GAPAC.com>; Killian, Paul <pkillian@geiconsultants.com>; Miller, Roger <rmiller@geiconsultants.com>
Subject: G-P Broadway Mill Boiler 6 Area Release Notification

Keld

Please find attached the release notification related to the Georgia Pacific Broadway Mill Boiler 6 Area. This notification is in response to total lead being confirmed in the soil in one sample location within the Boiler 6 footprint above the groundwater pathway and non-industrial direct contact RCL.

If you have any questions regarding the attached document please contact Melissa or myself.

Thank you,

Jacquelyn Pomerville

Environmental Engineer

Georgia-Pacific Consumer Operations LLC

Green Bay Operations

Office #: 920-438-4243

Cell #: 920-606-3228

jacquelyn.pomerville@gapac.com



**Georgia-Pacific
Consumer Operations LLC**

1919 S. Broadway
P.O. Box 19130
Green Bay, WI 54307-9130
(920) 435-8821
www.gp.com

September 30, 2019

Mr. Keld Lauridsen
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727

**Re: Release Notification and Sampling Plan for
Georgia-Pacific Consumer Operations LLC – Green Bay Broadway Mill
Boiler 6 Demo**

Dear Mr. Lauridsen

As a follow-up to our recent communications, Georgia-Pacific Consumer Operations LLC (GP) is providing the Wisconsin Department of Natural Resources (WDNR) with this release notification and Work Plan for further characterization of subsurface soil conditions in the Boiler 6 area to support material management planning for the upcoming new boiler installation at the GP Broadway Mill, located at 1919 South Broadway Street, in the City of Green Bay, Wisconsin.

Project Background and Understanding

The Boiler 6 area (Figure 1) occupies an approximate 3,000-square-foot portion along the central eastern side of the Broadway Mill. Contractors are currently removing the old boiler and associated equipment and structural elements as necessary to facilitate installation of a new boiler in the same area and potentially utilizing portions of the existing foundations. Planned construction will include excavating below the current footings to a depth of approximately 3.5 feet below top of the existing floor slab and backfilling with structural fill to install a new 2-foot concrete mat foundation. Accordingly, material removed to this depth range including fill/soil likely would be excess material for proper management based on its waste characterization. The excavation would be backfilled with engineered fill and a new concrete slab installed in the boiler room.

To support demolition planning for the Boiler 6 removal and material management, GP environmental staff collected samples of fill beneath the floor slab for waste characterization testing. Samples were collected at depths of approximately 2 to 3 feet below the floor slab using hand tools at six locations (Sample IDs 1 through 6) at the approximate locations shown on the attached Figure 2. Sandy/clayey soil fill with occasional gravel was encountered beneath the building floor slab.

Fill samples were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) volatile organic compounds (VOCs), semi-VOCs (SVOCs), Resource Conservation and Recovery Act (RCRA) metals; polychlorinated biphenyls (PCBs); and flashpoint. Sample 2 was also tested for total RCRA metals (see attached analytical laboratory reports). Results for detected analytes are summarized on attached Table 1.

No PCBs or TCLP VOCs or SVOCs were detected in the samples.

TCLP lead was detected in Sample 2 (6.4 milligrams per liter [mg/L]) at a concentration exceeding its toxicity characteristic threshold of 5.0 mg/L. TCLP lead was detected in Samples 4 and 6 below the toxicity characteristic threshold.

To further assess the significance of the TCLP lead concentration in Sample 2, this sample was also analyzed for total RCRA metals. Total lead was detected in the sample at a concentration of 640 milligrams (mg/kg), which exceeds the WDNR's published background threshold value (BTV) for lead of 52 mg/kg, but is less than the NR 720, Wisconsin Administrative Code, industrial direct contact Residual Contaminant Level (RCL) of 800 mg/kg. Total barium (13 mg/kg), cadmium (0.089J mg/kg), and chromium (7.0 mg/kg) were detected at concentrations substantially less than their BTVs of 364, 1.07, and 43.5 mg/kg, respectively.

Lead was detected in the TCLP extract of one soil fill sample (Sample 2) at a concentration exceeding the RCRA toxicity characteristic. Accordingly, the focus of further sampling is to define the zone requiring segregation and disposal as a RCRA characteristic hazardous waste and to document lead concentrations representative of post-construction conditions.

Sampling Approach and Schedule

Planned sample locations are depicted on Figure 2. The number and locations of soil probes will be determined during a walk-through of the Boiler 6 area. A contractor hired by GP will core 8-inch diameter holes through the floor slab at the selected hydraulic probe locations to facilitate advancing approximately 2-inch-diameter, 4-foot-long core tubes into the subsurface for sample collection.

Based on current information, probes may be located adjacent to original Sample 2 (Probe 2R) for vertical definition and in step-out probes at approximate locations shown on Figure 2. Sample locations A, C, and F represent "inner-ring" borings, and additional sample locations B, E, G, and H represent "outer-ring" borings. Probes will be advanced to depths ranging up to approximately 16 feet below surrounding grade to collect samples at 2- to 4-foot intervals for potential laboratory testing and to assess the depth of native soil if present at a reasonably shallow depth beneath the Boiler 6 area. At certain locations, such as at Sample F, hand auger sampling will be used instead of the portable hydraulic probe due to overhead obstructions. Where hand auger sampling is conducted, borings will be advanced to a depth of approximately 3.5 feet below grade.

Initial testing will include TCLP lead for the sample interval below the original Sample 2 and in samples from the surrounding step-out probes collected at an approximate depth of 3 feet. Additional soil samples would be held for TCLP testing, as needed, to define the zone beneath and laterally around Sample 2 that would be classified as characteristic hazardous waste when excavated. After the zone of elevated TCLP lead is defined, additional samples would be analyzed for total lead to document anticipated post-construction conditions (construction depth of approximately 3.5 feet) and/or conditions in underlying or surrounding native clay, if encountered.

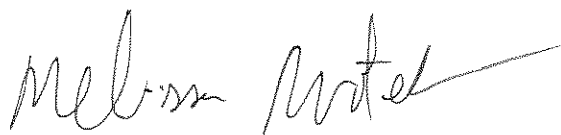
A written letter report will be prepared to document soil sampling activities. The report will include a summary of procedures and results, soil boring logs, tabular summary of TCLP and total lead data, and

figures to illustrate sampling locations. The objective of the above-referenced work will be to delineate lead-impacted soils requiring management and disposal as a RCRA characteristic hazardous waste, as well as to confirm that remaining total lead concentrations in soil are below the industrial direct contact Residual Contaminant Level (RCL) of 800 mg/kg.

Geoprobe sampling is scheduled for the week of September 23, 2019. The sampling documentation report will be provided after receipt of additional laboratory analytical results.

Please contact us with any questions.

Thank you,

A handwritten signature in black ink, appearing to read "Melissa Mrotek", with a long horizontal flourish extending to the right.

Melissa Mrotek
Environmental Manager

Cc:

Jacquelyn Pomerville (GP) – jacquelyn.pomerville@gapac.com

Roger Miller (GEI Consultants, Inc.) – rmiller@geiconsultants.com

Attachments:

Table 1 – Soil Analytical Summary

Figure 1 – Boiler 6 Location

Figure 2 – Proposed Sample Locations

Laboratory Analytical Reports

Non-Emergency Notification GP Boiler 6 Area

Table 1.
Soil Analytical Summary
Broadway Mill Boiler 6 Environmental Assessment
Project No. 1904576

	CAS #	Federal Regulatory Standards ³	Wisconsin Regulatory Standards ^{1,2}				Location	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6
			TCLP	BTV	Non-Industrial DC	Industrial DC	GW	Date	6/14/19	6/14/19	6/14/19	6/14/19	6/14/19
							Depth (ft)	2-3	2-3	2-3	2-3	2-3	2-3
							% Solids	92.5	91.6	89.5	87.0	87.6	76.8
TOTAL METALS (detected analytes)⁴ (mg/kg)													
Barium	7440-39-3	NA	364	15,300	100,000	164.8	--	13	--	--	--	--	
Cadmium	7440-43-9	NA	1	71	985	0.752	--	0.089	--	--	--	--	
Chromium ⁵	16065-83-1/18540-29-9	NA	NE	100,000/0.301	100,000/6.36	360,000 ⁶	--	7.0	--	--	--	--	
Lead	7439-92-1	NA	52	400	800	27	--	<u>640</u> *	--	--	--	--	
TCLP METALS (detected analytes)⁴ (mg/L)													
Barium	7440-39-3	100.0	NA	NA	NA	NA	0.18	0.23	0.21	0.25	0.28	0.68	
Cadmium	7440-43-9	1.0	NA	NA	NA	NA	ND	ND	ND	ND	0.0034	ND	
Lead	7439-92-1	5.0	NA	NA	NA	NA	ND	6.4 ^	ND	0.044	ND	2.0	

Notes

(mg/kg) = milligrams per kilogram;

(µg/kg) = micrograms per kilogram;

-- = not analyzed;

DC = Direct Contact;

GW = Groundwater;

TCLP = Toxicity Characteristic Leaching Procedure;

< = not detected above method detection limit;

J = concentration between detection limit and reporting limit;

NA = Not Applicable;

BTV = Background Threshold Value;

ND = Non Detect;

NE = Not Established

¹ NR 720 RCL = Chapter NR 720, Wisconsin Administrative Code, Residual Contaminant Level

² RCLs & BTVs are based on USEPA methodology; presented in WDNR Guidance, Soil RCL Determinations using USEPA Regional Screening Level Web Calculator (RR-890) and summarized in the WDNR's R&R Program RCE Spreadsheet (December 2018).

³ TCLP Regulatory Standard = EPA regulation referenced in Chapter NR 661, Wisconsin Administrative Code, Hazardous Waste Identification and Listing

⁴ Only detected analytes are listed; refer to the laboratory analytical report for a full list of assessed analytes.

⁵ RCLs for chromium reported as Chromium III/Chromium VI; based on property history, it is anticipated that chromium detected on the Property is Chromium III, and as such, sample result was not considered an exceedence of the RCL.

⁶ GW Pathway RCL for Chromium III only.

Exceeds the NR 720 Non-Industrial Direct Contact RCL: **100**

Exceeds the NR 720 Industrial Direct Contact RCL: **100**

Exceeds the NR 720 Groundwater Pathway RCL: **100**

Exceeds the BTV: **100***

Exceeds the TCLP Limit: **100^**



Legend

Boiler 6 Area

BOILER 6 AREA
GEORGIA-PACIFIC BROADWAY MILL
1919 S. BROADWAY
CITY OF GREEN BAY
BROWN COUNTY, WISCONSIN

Drawn: TJF 9/30/2019

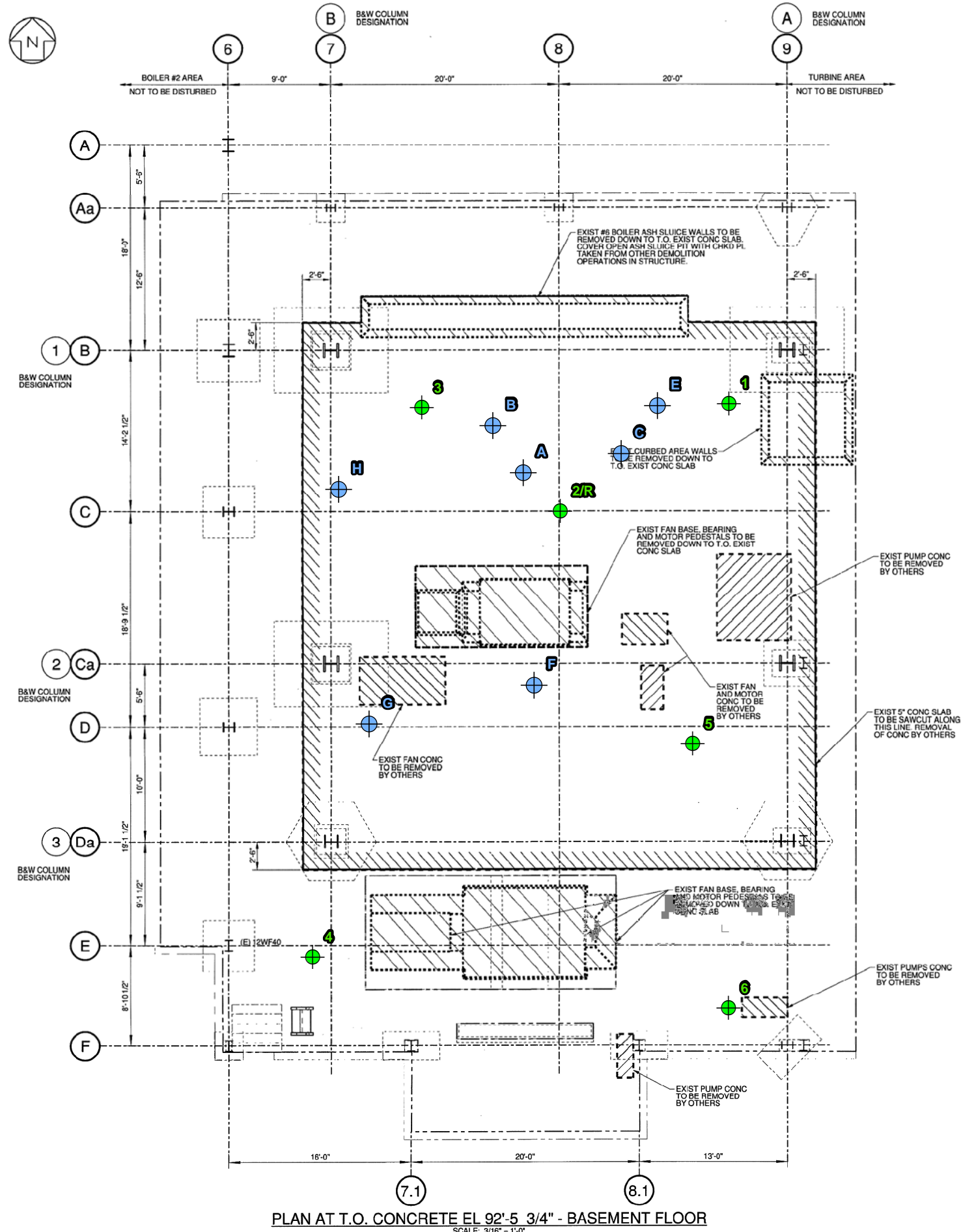
Approved: RAM 9/30/2019

Scale: AS SHOWN

Project Number: 1904576

Figure Number: 1





PLAN AT T.O. CONCRETE EL 92'-5 3/4" - BASEMENT FLOOR
SCALE: 3/16" = 1'-0"

Legend

- Sample Locations (June 14, 2019)
- Proposed Sample Locations

**PROPOSED SAMPLE LOCATIONS
GEORGIA-PACIFIC BROADWAY MILL
BOILER 6 AREA**
1919 S. BROADWAY
CITY OF GREEN BAY
BROWN COUNTY, WISCONSIN

Drawn: TJF	9/20/2019
Approved: RAM	9/20/2019
Scale: AS SHOWN	
Project Number: XXXXXXX	
Figure Number: 2	

K:\Georgia-Pacific\Broadway Mill\2019 Proposals\Boiler 6 Env\GIS\Figure 2 - Sample Location.mxd

ANALYTICAL RESULTS: PCBs by GC

Customer: Georgia-Pacific Consumer Products LP

NLS Project: 323844 PO # 01561595

Project Description: GBB Boiler 6 (B6)

Project Title:

Template: PCBS

Printed: 07/16/2019 15:28

Analyst: CSC

Sample: 1128294 Sample 1 Collected: 06/14/19 Analyzed: 07/08/19 - 92.5%Solids Analytes: 8

Notes: HX

ANALYTE NAME	RESULT	UNITS DWB	DIL	LOD	LOQ	Note
PCB-1016	ND	ug/Kg	5	20	67	
PCB-1221	ND	ug/Kg	5	42	140	
PCB-1232	ND	ug/Kg	5	21	69	
PCB-1242	ND	ug/Kg	5	19	63	
PCB-1248	ND	ug/Kg	5	9.5	32	
PCB-1254	ND	ug/Kg	5	15	49	
PCB-1260	ND	ug/Kg	5	19	63	
Total PCBs	ND	ug/Kg	5	20	67	
TCMX (SURR)	75%		5			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

HX = A dilution was required due to complex sample matrix.

CL = The extract was subjected to florisil cleanup by SW846 Method 3620 before analysis.

IV = Initial extract is 2.05 grams.

Sample: 1128296 Sample 2 Collected: 06/14/19 Analyzed: 07/08/19 - 91.6%Solids Analytes: 8

Notes: HX

ANALYTE NAME	RESULT	UNITS DWB	DIL	LOD	LOQ	Note
PCB-1016	ND	ug/Kg	5	20	67	
PCB-1221	ND	ug/Kg	5	42	140	
PCB-1232	ND	ug/Kg	5	21	69	
PCB-1242	ND	ug/Kg	5	19	63	
PCB-1248	ND	ug/Kg	5	9.5	32	
PCB-1254	ND	ug/Kg	5	15	49	
PCB-1260	ND	ug/Kg	5	19	63	
Total PCBs	ND	ug/Kg	5	20	67	
TCMX (SURR)	70%		5			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

HX = A dilution was required due to complex sample matrix.

CL = The extract was subjected to florisil cleanup by SW846 Method 3620 before analysis.

IV = Initial extract is 2.12 grams.

ANALYTICAL RESULTS: PCBs by GC

Customer: Georgia-Pacific Consumer Products LP

NLS Project: 323843 PO # 01561595

Project Description: GBB Boiler 6 (B6)

Project Title:

Template: PCBS

Printed: 07/16/2019 15:30

Analyst: CSC

Sample: 1128290 Sample 3 Collected: 06/14/19 Analyzed: 07/08/19 - 89.5%Solids Analytes: 8

Notes: HX

ANALYTE NAME	RESULT	UNITS DWB	DIL	LOD	LOQ	Note
PCB-1016	ND	ug/Kg	5	20	67	
PCB-1221	ND	ug/Kg	5	42	140	
PCB-1232	ND	ug/Kg	5	21	69	
PCB-1242	ND	ug/Kg	5	19	63	
PCB-1248	ND	ug/Kg	5	9.5	32	
PCB-1254	ND	ug/Kg	5	15	49	
PCB-1260	ND	ug/Kg	5	19	63	
Total PCBs	ND	ug/Kg	5	20	67	
TCMX (SURR)	70%		5			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

HX = A dilution was required due to complex sample matrix.

CL = The extract was subjected to florisil cleanup by SW846 Method 3620 before analysis.

IV = Initial extract is 2.24 grams.

Sample: 1128292 Sample 4 Collected: 06/14/19 Analyzed: 07/08/19 - 87%Solids Analytes: 8

Notes: HX

ANALYTE NAME	RESULT	UNITS DWB	DIL	LOD	LOQ	Note
PCB-1016	ND	ug/Kg	5	20	67	
PCB-1221	ND	ug/Kg	5	42	140	
PCB-1232	ND	ug/Kg	5	21	69	
PCB-1242	ND	ug/Kg	5	19	63	
PCB-1248	ND	ug/Kg	5	9.5	32	
PCB-1254	ND	ug/Kg	5	15	49	
PCB-1260	ND	ug/Kg	5	19	63	
Total PCBs	ND	ug/Kg	5	20	67	
TCMX (SURR)	75%		5			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

HX = A dilution was required due to complex sample matrix.

CL = The extract was subjected to florisil cleanup by SW846 Method 3620 before analysis.

IV = Initial extract is 2.04 grams.

ANALYTICAL RESULTS: PCBs by GC

Customer: Georgia-Pacific Consumer Products LP

NLS Project: 323801 PO # 01561595

Project Description: GBB Boiler 6 (B6)

Project Title:

Template: PCBS

Printed: 07/16/2019 15:29

Analyst: CSC

Sample: 1128224 Sample 5 Collected: 06/14/19 Analyzed: 07/08/19 - 87.6%Solids Analytes: 8

Notes: HX

ANALYTE NAME	RESULT	UNITS DWB	DIL	LOD	LOQ	Note
PCB-1016	ND	ug/Kg	5	20	67	
PCB-1221	ND	ug/Kg	5	42	140	
PCB-1232	ND	ug/Kg	5	21	69	
PCB-1242	ND	ug/Kg	5	19	63	
PCB-1248	ND	ug/Kg	5	9.5	32	
PCB-1254	ND	ug/Kg	5	15	49	
PCB-1260	ND	ug/Kg	5	19	63	
Total PCBs	ND	ug/Kg	5	20	67	
TCMX (SURR)	84%		5			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

HX = A dilution was required due to complex sample matrix.

CL = The extract was subjected to florisil cleanup by SW846 Method 3620 before analysis.

IV = Initial extract is 2.15 grams.

Sample: 1128226 Sample 6 Collected: 06/14/19 Analyzed: 07/08/19 - 76.8%Solids Analytes: 8

Notes: HX

ANALYTE NAME	RESULT	UNITS DWB	DIL	LOD	LOQ	Note
PCB-1016	ND	ug/Kg	5	20	67	
PCB-1221	ND	ug/Kg	5	42	140	
PCB-1232	ND	ug/Kg	5	21	69	
PCB-1242	ND	ug/Kg	5	19	63	
PCB-1248	ND	ug/Kg	5	9.5	32	
PCB-1254	ND	ug/Kg	5	15	49	
PCB-1260	ND	ug/Kg	5	19	63	
Total PCBs	ND	ug/Kg	5	20	67	
TCMX (SURR)	73%		5			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

HX = A dilution was required due to complex sample matrix.

CL = The extract was subjected to florisil cleanup by SW846 Method 3620 before analysis.

IV = Initial extract is 2.20 grams.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - TCLP - (VarSat2000)

Page 1 of 1

Customer: Georgia-Pacific Consumer Products LP NLS Project: 323844 PO # 01561595

Project Description: GBB Boiler 6 (B6)

Project Title: Template: SATTCLP Printed: 07/16/2019 15:28 Analyst: JLG

Sample: 1128295 TCLP Sample 1 Collected: 06/26/19 Analyzed: 07/10/19 - Analytes: 11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroform	ND	ug/L	1	0.22	0.78	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Trichloroethene	ND	ug/L	1	0.32	1.1	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
Dibromofluoromethane (SURR)	112%		1			S
Toluene-d8 (SURR)	105%		1			S
1-Bromo-4-Fluorobenzene (SURR)	92%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

Sample: 1128297 TCLP Sample 2 Collected: 06/26/19 Analyzed: 07/10/19 - Analytes: 11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroform	ND	ug/L	1	0.22	0.78	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Trichloroethene	ND	ug/L	1	0.32	1.1	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
Dibromofluoromethane (SURR)	123%		1			S
Toluene-d8 (SURR)	119%		1			S
1-Bromo-4-Fluorobenzene (SURR)	89%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - TCLP - (VarSat2000)

Page 1 of 1

Customer: Georgia-Pacific Consumer Products LP NLS Project: 323843 PO # 01561595

Project Description: GBB Boiler 6 (B6)

Project Title: Template: SATTCLP Printed: 07/16/2019 15:30 Analyst: JLG

Sample: 1128291 TCLP Sample 3 Collected: 06/25/19 Analyzed: 07/09/19 - Analytes: 11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroform	ND	ug/L	1	0.22	0.78	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Trichloroethene	ND	ug/L	1	0.32	1.1	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
Dibromofluoromethane (SURR)	111%		1			S
Toluene-d8 (SURR)	111%		1			S
1-Bromo-4-Fluorobenzene (SURR)	94%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

Sample: 1128293 TCLP Sample 4 Collected: 06/25/19 Analyzed: 07/09/19 - Analytes: 11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroform	ND	ug/L	1	0.22	0.78	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Trichloroethene	ND	ug/L	1	0.32	1.1	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
Dibromofluoromethane (SURR)	102%		1			S
Toluene-d8 (SURR)	108%		1			S
1-Bromo-4-Fluorobenzene (SURR)	100%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - TCLP - (VarSat2000)

Page 1 of 1

Customer: Georgia-Pacific Consumer Products LP NLS Project: 323801 PO # 01561595

Project Description: GBB Boiler 6 (B6)

Project Title: Template: SATTCLP Printed: 07/16/2019 15:29 Analyst: JLG

Sample: 1128225 TCLP Sample 5 Collected: 06/25/19 Analyzed: 07/09/19 - Analytes: 11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroform	ND	ug/L	1	0.22	0.78	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Trichloroethene	ND	ug/L	1	0.32	1.1	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
Dibromofluoromethane (SURR)	100%		1			S
Toluene-d8 (SURR)	106%		1			S
1-Bromo-4-Fluorobenzene (SURR)	96%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

Sample: 1128227 TCLP Sample 6 Collected: 06/25/19 Analyzed: 07/09/19 - Analytes: 11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroform	ND	ug/L	1	0.22	0.78	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Trichloroethene	ND	ug/L	1	0.32	1.1	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
Dibromofluoromethane (SURR)	114%		1			S
Toluene-d8 (SURR)	110%		1			S
1-Bromo-4-Fluorobenzene (SURR)	98%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: Semi-Volatile Organic TCLP Compounds by GC/MS**Customer: Georgia-Pacific Consumer Products LP NLS Project: 323844 PO # 01561595****Project Description: GBB Boiler 6 (B6)****Project Title: Template: SVTCLP Printed: 07/16/2019 15:28 Analyst: RW**

Sample: 1128295 TCLP Sample 1 Collected: 06/26/19 Analyzed: 06/28/19 - Analytes: 12

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Pyridine	ND	ug/L	1	1.7	5.7	
2-Methylphenol (o-Cresol)	ND	ug/L	1	0.74	2.5	
3 & 4-Methylphenol (m/p-Cresol)	ND	ug/L	1	1.4	4.6	
Nitrobenzene	ND	ug/L	1	0.82	2.7	
1,4-Dichlorobenzene	ND	ug/L	1	0.98	3.3	
2,4,6-Trichlorophenol	ND	ug/L	1	1.1	3.5	
2,4,5-Trichlorophenol	ND	ug/L	1	0.80	2.7	
2,4-Dinitrotoluene	ND	ug/L	1	0.84	2.8	
Hexachlorobutadiene	ND	ug/L	1	0.41	1.4	
Hexachloroethane	ND	ug/L	1	0.67	2.2	
Hexachlorobenzene	ND	ug/L	1	0.69	2.3	
Pentachlorophenol	ND	ug/L	1	0.70	2.3	
2-Fluorophenol (SURR)	52%		1			S
Phenol-d5 (SURR)	33%		1			S
Nitrobenzene-d5 (SURR)	80%		1			S
2-Fluorobiphenyl (SURR)	80%		1			S
2,4,6-Tribromophenol (SURR)	81%		1			S
Terphenyl-d14 (SURR)	50%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

Sample: 1128297 TCLP Sample 2 Collected: 06/26/19 Analyzed: 06/28/19 - Analytes: 12

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Pyridine	ND	ug/L	1	1.7	5.7	
2-Methylphenol (o-Cresol)	ND	ug/L	1	0.74	2.5	
3 & 4-Methylphenol (m/p-Cresol)	ND	ug/L	1	1.4	4.6	
Nitrobenzene	ND	ug/L	1	0.82	2.7	
1,4-Dichlorobenzene	ND	ug/L	1	0.98	3.3	
2,4,6-Trichlorophenol	ND	ug/L	1	1.1	3.5	
2,4,5-Trichlorophenol	ND	ug/L	1	0.80	2.7	
2,4-Dinitrotoluene	ND	ug/L	1	0.84	2.8	
Hexachlorobutadiene	ND	ug/L	1	0.41	1.4	
Hexachloroethane	ND	ug/L	1	0.67	2.2	
Hexachlorobenzene	ND	ug/L	1	0.69	2.3	
Pentachlorophenol	ND	ug/L	1	0.70	2.3	
2-Fluorophenol (SURR)	49%		1			S
Phenol-d5 (SURR)	32%		1			S
Nitrobenzene-d5 (SURR)	79%		1			S
2-Fluorobiphenyl (SURR)	80%		1			S
2,4,6-Tribromophenol (SURR)	80%		1			S
Terphenyl-d14 (SURR)	51%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL REPORT

Client: Georgia-Pacific Consumer Products LP
 Attn: Jackie Pomerville
 1919 S Broadway
 P O Box 19130
 Green Bay, WI 54307

NLS Project: 323844

NLS Customer: 91089

Fax: 920 438 2804 **PO #**

01561595

Project: GBB Boiler 6 (B6)

Sample 1 NLS ID: 1128294

COC: 209228:1 Matrix: SL
 Collected: 06/14/19 11:14 Received: 06/18/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	92.5	%	1	0.10*		06/18/19	SM 2540-G 20ed	721026460 EMT
TCLP Extraction	yes					06/25/19	SW846 1311	721026460 VMK
TCLP Zero Head Space Extraction	yes					06/25/19	SW846 1311	721026460 VMK
Flashpoint	>140	Deg. F	1		*	06/20/19	EPA 1010A	157066030 DMD
PCBs (solid) by SW846 8082	see attached					07/08/19	SW846 8082	721026460 CSC
Organics Extraction (Soil) for PCBs	yes					06/21/19	SW846 3550C	721026460 EMT

TCLP Sample 1 NLS ID: 1128295

COC: 209228:1 Matrix: EX
 Collected: 06/26/19 14:15 Received: 06/26/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, tot. recoverable on extract as As by ICP	ND	ug/L	10	49*	160*	06/30/19	SW846 6010	721026460 JDO
Barium, tot. recoverable on extract as Ba by ICP	180	ug/L	10	12*	40*	06/30/19	SW846 6010	721026460 JDO
Cadmium, tot. recoverable on extract as Cd by ICP	ND	ug/L	10	1.9	6.1	06/30/19	SW846 6010	721026460 JDO
Chromium, tot. recoverable on extract as Cr by ICP	ND	ug/L	10	8.3	28	06/30/19	SW846 6010	721026460 JDO
Lead, tot. recoverable on extract as Pb by ICP	ND	ug/L	10	43	140	06/30/19	SW846 6010	721026460 JDO
Mercury by CVAA	ND	ug/L	1	0.43	1.5	07/03/19	EPA 245.1, Rev 3	721026460 RS
Selenium, tot. recoverable on extract as Se by ICP	ND	ug/L	10	120	400	06/30/19	SW846 6010	721026460 JDO
Silver, tot. recoverable on extract as Ag by ICP	ND	ug/L	10	8.1	27	06/30/19	SW846 6010	721026460 JDO
Metals digestion - tot. recov.ICP	yes					06/27/19	SW846 3005M	721026460 JDO
TCLP VOC by EPA Method 8260B	see attached					07/10/19	SW846 8260	721026460 JLG
Acid/Base Extraction for GC/MS	yes					06/27/19	SW846 3510C	721026460 EMT
Semi-Volatiles TCLP by EPA Method 8270C	see attached					06/28/19	SW846 8270	721026460 RW

Sample 2 NLS ID: 1128296

COC: 209228:2 Matrix: SL
 Collected: 06/14/19 11:25 Received: 06/18/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	91.6	%	1	0.10*		06/18/19	SM 2540-G 20ed	721026460 EMT
TCLP Extraction	yes					06/25/19	SW846 1311	721026460 VMK
TCLP Zero Head Space Extraction	yes					06/25/19	SW846 1311	721026460 VMK
Flashpoint	>140	Deg. F	1		*	06/20/19	EPA 1010A	157066030 DMD
PCBs (solid) by SW846 8082	see attached					07/08/19	SW846 8082	721026460 CSC
Organics Extraction (Soil) for PCBs	yes					06/21/19	SW846 3550C	721026460 EMT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 07/16/19 Page 2 of 2

Client: Georgia-Pacific Consumer Products LP
 Attn: Jackie Pomerville
 1919 S Broadway
 P O Box 19130
 Green Bay, WI 54307

NLS Project: 323844

NLS Customer: 91089

Fax: 920 438 2804 **PO #**

01561595

Project: GBB Boiler 6 (B6)

TCLP Sample 2 NLS ID: 1128297

COC: 209228:2 Matrix: EX

Collected: 06/26/19 14:40 Received: 06/26/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, tot. recoverable on extract as As by ICP	ND	ug/L	10	49*	160*	06/30/19	SW846 6010	721026460 JDO
Barium, tot. recoverable on extract as Ba by ICP	230	ug/L	10	12*	40*	06/30/19	SW846 6010	721026460 JDO
Cadmium, tot. recoverable on extract as Cd by ICP	ND	ug/L	10	1.9	6.1	06/30/19	SW846 6010	721026460 JDO
Chromium, tot. recoverable on extract as Cr by ICP	ND	ug/L	10	8.3	28	06/30/19	SW846 6010	721026460 JDO
Lead, tot. recoverable on extract as Pb by ICP	6400	ug/L	10	43	140	06/30/19	SW846 6010	721026460 JDO
Mercury by CVAA	ND	ug/L	1	0.43	1.5	07/03/19	EPA 245.1, Rev 3	721026460 RS
Selenium, tot. recoverable on extract as Se by ICP	ND	ug/L	10	120	400	06/30/19	SW846 6010	721026460 JDO
Silver, tot. recoverable on extract as Ag by ICP	ND	ug/L	10	8.1	27	06/30/19	SW846 6010	721026460 JDO
Metals digestion - tot. recov.ICP	yes					06/27/19	SW846 3005M	721026460 JDO
TCLP VOC by EPA Method 8260B	see attached					07/10/19	SW846 8260	721026460 JLG
Acid/Base Extraction for GC/MS	yes					06/27/19	SW846 3510C	721026460 EMT
Semi-Volatiles TCLP by EPA Method 8270C	see attached					06/28/19	SW846 8270	721026460 RW

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution and/or solids content.

ND = Not Detected (< LOD) LOD = Limit of Detection LOQ = Limit of Quantitation NA = Not Applicable
 DWB = Dry Weight Basis %DWB = (mg/kg DWB) / 10000 1000 ug/L = 1 mg/L
 MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:
 R. T. Krueger
 President

Georgia-Pacific Consumer Products LP

CLIENT: Mike Moore
1919 South Broadway
P O Box 19130
Green Bay, WI 54307 9130

Please ship in 3 coolers (2 sets per cooler)

Cust 91089
Order # 72190
Ship Date 04/09/2019
Type SL

UPS Ground

Sample ID: Soil Samples

6 SETS

1 x 1L Amber Glass (Widemouth) Non-Preserved

TCLP - BNAs

TCLP - VOCs

1 x 300mL Amber Glass (Widemouth)

PCBs

1 x 4oz Glass Soil Jar

Flashpoint

1 x 500mL Plastic (Widemouth) Non-Preserved

TCLP - Metals

Shipped and Completed by: _____

ANALYTICAL REPORT

Client: Georgia-Pacific Consumer Products LP
 Attn: Jackie Pomerville
 1919 S Broadway
 P O Box 19130
 Green Bay, WI 54307

NLS Project: 323843

NLS Customer: 91089

Fax: 920 438 2804 **PO #**

01561595

Project: GBB Boiler 6 (B6)

Sample 3 NLS ID: 1128290

COC: 209229:1 Matrix: SL

Collected: 06/14/19 11:36 Received: 06/18/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	89.5	%	1	0.10*		06/18/19	SM 2540-G 20ed	721026460 EMT
TCLP Extraction	yes					06/24/19	SW846 1311	721026460 VMK
TCLP Zero Head Space Extraction	yes					06/24/19	SW846 1311	721026460 VMK
Flashpoint	>140	Deg. F	1		*	06/20/19	EPA 1010A	157066030 DMD
PCBs (solid) by SW846 8082	see attached					07/08/19	SW846 8082	721026460 CSC
Organics Extraction (Soil) for PCBs	yes					06/21/19	SW846 3550C	721026460 EMT

TCLP Sample 3 NLS ID: 1128291

COC: 209229:1 Matrix: EX

Collected: 06/25/19 08:40 Received: 06/25/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, tot. recoverable on extract as As by ICP	ND	ug/L	10	49*	160*	06/26/19	SW846 6010	721026460 JDO
Barium, tot. recoverable on extract as Ba by ICP	210	ug/L	10	12*	40*	06/26/19	SW846 6010	721026460 JDO
Cadmium, tot. recoverable on extract as Cd by ICP	ND	ug/L	10	1.9	6.1	06/26/19	SW846 6010	721026460 JDO
Chromium, tot. recoverable on extract as Cr by ICP	ND	ug/L	10	8.3	28	06/26/19	SW846 6010	721026460 JDO
Lead, tot. recoverable on extract as Pb by ICP	ND	ug/L	10	43	140	06/26/19	SW846 6010	721026460 JDO
Mercury by CVAA	ND	ug/L	1	0.43	1.5	07/03/19	EPA 245.1, Rev 3	721026460 RS
Selenium, tot. recoverable on extract as Se by ICP	ND	ug/L	10	120	400	06/26/19	SW846 6010	721026460 JDO
Silver, tot. recoverable on extract as Ag by ICP	ND	ug/L	10	8.1	27	06/26/19	SW846 6010	721026460 JDO
Metals digestion - tot. recov.ICP	yes					06/25/19	SW846 3005M	721026460 JDO
TCLP VOC by EPA Method 8260B	see attached					07/09/19	SW846 8260	721026460 JLG
Acid/Base Extraction for GC/MS	yes					06/27/19	SW846 3510C	721026460 EMT
Semi-Volatiles TCLP by EPA Method 8270C	see attached					06/28/19	SW846 8270	721026460 RW

Sample 4 NLS ID: 1128292

COC: 209229:2 Matrix: SL

Collected: 06/14/19 11:45 Received: 06/18/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	87.0	%	1	0.10*		06/18/19	SM 2540-G 20ed	721026460 EMT
TCLP Extraction	yes					06/24/19	SW846 1311	721026460 VMK
TCLP Zero Head Space Extraction	yes					06/24/19	SW846 1311	721026460 VMK
Flashpoint	>140	Deg. F	1		*	06/20/19	EPA 1010A	157066030 DMD
PCBs (solid) by SW846 8082	see attached					07/08/19	SW846 8082	721026460 CSC
Organics Extraction (Soil) for PCBs	yes					06/21/19	SW846 3550C	721026460 EMT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 07/16/19 Page 2 of 2

Client: Georgia-Pacific Consumer Products LP
 Attn: Jackie Pomerville
 1919 S Broadway
 P O Box 19130
 Green Bay, WI 54307

NLS Project: 323843

NLS Customer: 91089

Fax: 920 438 2804 **PO #**

01561595

Project: GBB Boiler 6 (B6)

TCLP Sample 4 NLS ID: 1128293

COC: 209229:2 Matrix: EX

Collected: 06/25/19 10:30 Received: 06/25/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, tot. recoverable on extract as As by ICP	ND	ug/L	10	49*	160*	06/26/19	SW846 6010	721026460 JDO
Barium, tot. recoverable on extract as Ba by ICP	250	ug/L	10	12*	40*	06/26/19	SW846 6010	721026460 JDO
Cadmium, tot. recoverable on extract as Cd by ICP	ND	ug/L	10	1.9	6.1	06/26/19	SW846 6010	721026460 JDO
Chromium, tot. recoverable on extract as Cr by ICP	ND	ug/L	10	8.3	28	06/26/19	SW846 6010	721026460 JDO
Lead, tot. recoverable on extract as Pb by ICP	[44]	ug/L	10	43	140	06/26/19	SW846 6010	721026460 JDO
Mercury by CVAA	ND	ug/L	1	0.43	1.5	07/03/19	EPA 245.1, Rev 3	721026460 RS
Selenium, tot. recoverable on extract as Se by ICP	ND	ug/L	10	120	400	06/26/19	SW846 6010	721026460 JDO
Silver, tot. recoverable on extract as Ag by ICP	ND	ug/L	10	8.1	27	06/26/19	SW846 6010	721026460 JDO
Metals digestion - tot. recov.ICP	yes					06/25/19	SW846 3005M	721026460 JDO
TCLP VOC by EPA Method 8260B	see attached					07/09/19	SW846 8260	721026460 JLG
Acid/Base Extraction for GC/MS	yes					06/27/19	SW846 3510C	721026460 EMT
Semi-Volatiles TCLP by EPA Method 8270C	see attached					06/28/19	SW846 8270	721026460 RW

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution and/or solids content.

ND = Not Detected (< LOD) LOD = Limit of Detection LOQ = Limit of Quantitation NA = Not Applicable
 DWB = Dry Weight Basis %DWB = (mg/kg DWB) / 10000 1000 ug/L = 1 mg/L
 MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:
 R. T. Krueger
 President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Analytical Laboratory and Environmental Services

400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

CLIENT <i>BP Broadway</i>		
ADDRESS <i>1919 S Broadway</i>		
CITY <i>Green Bay</i>	STATE <i>WI</i>	ZIP <i>54304</i>
PROJECT DESCRIPTION / NO. <i>QBB Boiler 6 (B6)</i>		QUOTATION NO.
DNR FID #		DNR LICENSE #
CONTACT <i>Jackie Pomperville</i>		PHONE <i>920-438-4243</i>
PURCHASE ORDER NO. <i>01561595</i>		FAX

Wisconsin DNR cert ID
721026460 (Cran) / 268533760 (Wauk)
Wisconsin DATCP ID
105-000330 (Cran) / 105-000479 (Wauk)

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

TCP-BNAPE
PCBS
FLUOROPNT
TCP-Mols
VOCIS



NO. **209229**

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)									
			DATE	TIME		1	2	3	4	5	6	7	8	9	10										
1	28290-29	Sample 3	6-14-19	11:36am	SOIL		X	X	X	X	X														
2	292-293	Sample 4	6-14-19	11:45am	SOIL		X	X	X	X	X														
3.																									
4.																									
5.																									
6.																									
7.																									
8.																									
9.																									
10.																									

COLLECTED BY (signature) <i>[Signature]</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>6-17-19 7:13</i>	REPORT TO
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME	
DISPATCHED BY (signature) <i>[Signature]</i>	METHOD OF TRANSPORT <i>UPS</i>	DATE/TIME <i>6-17-19 7:13</i>	
RECEIVED AT NLS BY (signature) <i>[Signature]</i>	DATE/TIME <i>6-18-19 10:00</i>	CONDITION <i>on ice</i>	TEMP.
COOLER #	REMARKS & OTHER INFORMATION <i>12 577 189 90 6676 9789</i>		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER
		E-MAIL ADDRESS	

IMPORTANT:
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP YELLOW COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

ANALYTICAL REPORT

Client: Georgia-Pacific Consumer Products LP
Attn: Jackie Pomerville
1919 S Broadway
P O Box 19130
Green Bay, WI 54307

NLS Project: 323801

NLS Customer: 91089

Fax: 920 438 2804 **PO #**

01561595

Project: GBB Boiler 6 (B6)

Sample 5 NLS ID: 1128224

COC: 209227:1 Matrix: SO

Collected: 06/14/19 11:55 Received: 06/18/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	87.6	%	1	0.10*		06/18/19	SM 2540-G 20ed	721026460 EMT
TCLP Extraction	yes					06/24/19	SW846 1311	721026460 VMK
TCLP Zero Head Space Extraction	yes					06/24/19	SW846 1311	721026460 VMK
Flashpoint	>140	Deg. F	1		*	06/20/19	EPA 1010A	157066030 DMD
PCBs (solid) by SW846 8082	see attached					07/08/19	SW846 8082	721026460 CSC
Organics Extraction (Soil) for PCBs	yes					06/21/19	SW846 3550C	721026460 EMT

TCLP Sample 5 NLS ID: 1128225

COC: 209227:1 Matrix: EX

Collected: 06/25/19 09:30 Received: 06/25/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, tot. recoverable on extract as As by ICP	ND	ug/L	10	49*	160*	06/26/19	SW846 6010	721026460 JDO
Barium, tot. recoverable on extract as Ba by ICP	280	ug/L	10	12*	40*	06/26/19	SW846 6010	721026460 JDO
Cadmium, tot. recoverable on extract as Cd by ICP	[3.4]	ug/L	10	1.9	6.1	06/26/19	SW846 6010	721026460 JDO
Chromium, tot. recoverable on extract as Cr by ICP	ND	ug/L	10	8.3	28	06/26/19	SW846 6010	721026460 JDO
Lead, tot. recoverable on extract as Pb by ICP	ND	ug/L	10	43	140	06/26/19	SW846 6010	721026460 JDO
Mercury by CVAA	ND	ug/L	1	0.43	1.5	07/03/19	EPA 245.1, Rev 3	721026460 RS
Selenium, tot. recoverable on extract as Se by ICP	ND	ug/L	10	120	400	06/26/19	SW846 6010	721026460 JDO
Silver, tot. recoverable on extract as Ag by ICP	ND	ug/L	10	8.1	27	06/26/19	SW846 6010	721026460 JDO
Metals digestion - tot. recov.ICP	yes					06/25/19	SW846 3005M	721026460 JDO
TCLP VOC by EPA Method 8260B	see attached					07/09/19	SW846 8260	721026460 JLG
Acid/Base Extraction for GC/MS	yes					06/27/19	SW846 3510C	721026460 EMT
Semi-Volatiles TCLP by EPA Method 8270C	see attached					06/28/19	SW846 8270	721026460 RW

Sample 6 NLS ID: 1128226

COC: 209227:2 Matrix: SO

Collected: 06/14/19 12:05 Received: 06/18/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	76.8	%	1	0.10*		06/18/19	SM 2540-G 20ed	721026460 EMT
TCLP Extraction	yes					06/24/19	SW846 1311	721026460 VMK
TCLP Zero Head Space Extraction	yes					06/24/19	SW846 1311	721026460 VMK
Flashpoint	>140	Deg. F	1		*	06/20/19	EPA 1010A	157066030 DMD
PCBs (solid) by SW846 8082	see attached					07/08/19	SW846 8082	721026460 CSC
Organics Extraction (Soil) for PCBs	yes					06/21/19	SW846 3550C	721026460 EMT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 07/16/19 Page 2 of 2

Client: Georgia-Pacific Consumer Products LP
 Attn: Jackie Pomerville
 1919 S Broadway
 P O Box 19130
 Green Bay, WI 54307

NLS Project: 323801

NLS Customer: 91089

Fax: 920 438 2804 **PO #**

01561595

Project: GBB Boiler 6 (B6)

TCLP Sample 6 NLS ID: 1128227

COC: 209227:2 Matrix: EX

Collected: 06/25/19 10:00 Received: 06/25/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, tot. recoverable on extract as As by ICP	ND	ug/L	10	49*	160*	06/26/19	SW846 6010	721026460 JDO
Barium, tot. recoverable on extract as Ba by ICP	680	ug/L	10	12*	40*	06/26/19	SW846 6010	721026460 JDO
Cadmium, tot. recoverable on extract as Cd by ICP	ND	ug/L	10	1.9	6.1	06/26/19	SW846 6010	721026460 JDO
Chromium, tot. recoverable on extract as Cr by ICP	ND	ug/L	10	8.3	28	06/26/19	SW846 6010	721026460 JDO
Lead, tot. recoverable on extract as Pb by ICP	2000	ug/L	10	43	140	06/26/19	SW846 6010	721026460 JDO
Mercury by CVAA	ND	ug/L	1	0.43	1.5	07/03/19	EPA 245.1, Rev 3	721026460 RS
Selenium, tot. recoverable on extract as Se by ICP	ND	ug/L	10	120	400	06/26/19	SW846 6010	721026460 JDO
Silver, tot. recoverable on extract as Ag by ICP	ND	ug/L	10	8.1	27	06/26/19	SW846 6010	721026460 JDO
Metals digestion - tot. recov.ICP	yes					06/25/19	SW846 3005M	721026460 JDO
TCLP VOC by EPA Method 8260B	see attached					07/09/19	SW846 8260	721026460 JLG
Acid/Base Extraction for GC/MS	yes					06/27/19	SW846 3510C	721026460 EMT
Semi-Volatiles TCLP by EPA Method 8270C	see attached					06/28/19	SW846 8270	721026460 RW

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution and/or solids content.

ND = Not Detected (< LOD) LOD = Limit of Detection LOQ = Limit of Quantitation NA = Not Applicable
 DWB = Dry Weight Basis %DWB = (mg/kg DWB) / 10000 1000 ug/L = 1 mg/L
 MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:
 R. T. Krueger
 President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Analytical Laboratory and Environmental Services

400 North Lake Avenue • Crandon, WI 54520-1298

Tel: (715) 478-2777 • Fax: (715) 478-3060

Wisconsin DNR cert ID
721026460 (Cran) / 268533760 (Wauk)
Wisconsin DATCP ID
105-000330 (Cran) / 105-000479 (Wauk)

CLIENT <i>GP Broadway</i>		
ADDRESS <i>1919 S Broadway</i>		
CITY <i>Green Bay</i>	STATE <i>WI</i>	ZIP <i>54304</i>
PROJECT DESCRIPTION / NO. <i>BBB Boiler 6 (B6)</i>		QUOTATION NO.
DNR FID #	DNR LICENSE #	
CONTACT <i>Jackie Demerotte</i>		PHONE <i>920-438-4243</i>
PURCHASE ORDER NO. <i>01561595</i>		FAX

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

ANALYZE PER ORDER OF ANALYSIS	USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.										COLLECTION REMARKS (i.e. DNR Well ID #)	
	TEL-P-BW	PEBS	FLASHPOINT	TEL-P-Metals	VOCs							
	X	X	X	X	X							
	X	X	X	X	X							



NO. 209227

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)	
			DATE	TIME		TEL-P-BW	PEBS	FLASHPOINT	TEL-P-Metals	VOCs							
1.	224-225	Sample 5	6-14-19	11:55am	SOIL	X	X	X	X	X							
2.	226-227	Sample 6	6-14-19	12:05pm	SOIL	X	X	X	X	X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

COLLECTED BY (signature) <i>[Signature]</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>6-17-19 7:13</i>	REPORT TO
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME	
DISPATCHED BY (signature) <i>[Signature]</i>	METHOD OF TRANSPORT <i>UPS</i>	DATE/TIME <i>6-17-19 7:13</i>	
RECEIVED AT NLS BY (signature) <i>[Signature]</i>	DATE/TIME <i>6/18/19 10</i>	CONDITION <i>OK MIA</i>	INVOICE TO
COOLER #	REMARKS & OTHER INFORMATION <i>12 577 189 90 6522 7811</i>		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER
		E-MAIL ADDRESS	

IMPORTANT:
Rev. 7/20/15

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP YELLOW COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

Georgia-Pacific Consumer Products LP

CLIENT: Mike Moore
1919 South Broadway
P O Box 19130
Green Bay, WI 54307 9130

Cust 91089
Order # 72190
Ship Date 04/09/2019
Type SL

Please ship in 3 coolers (2 sets per cooler)

UPS Ground

Sample ID: Soil Samples

6 SETS

1 x 1L Amber Glass (Widemouth) Non-Preserved

TCLP - BNAs

TCLP - VOCs

1 x 300mL Amber Glass (Widemouth)

PCBs

1 x 4oz Glass Soil Jar

Flashpoint

1 x 500mL Plastic (Widemouth) Non-Preserved

TCLP - Metals

Shipped and Completed by: _____

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 08/08/19 Page 1 of 1

Client: Georgia-Pacific Consumer Products LP
 Attn: Jackie Pomerville
 1919 S Broadway
 P O Box 19130
 Green Bay, WI 54307

NLS Project: 326817

NLS Customer: 91089

Fax: 920 438 2804 **PO #**

01561595

Project: Relog Sample 1128296

Sample 2 (relog) NLS ID: 1137187

COC: 209228:2 Matrix: SO

Collected: 06/14/19 11:25 Received: 06/18/19

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, tot. recoverable as As by ICP	ND	mg/Kg DWB	5	1.3	4.3	08/06/19	SW846 6010	721026460 JDO
Barium, tot. recoverable as Ba by ICP	13	mg/Kg DWB	5	0.32*	1.1*	08/06/19	SW846 6010	721026460 JDO
Cadmium, tot. recoverable as Cd by ICP	[0.089]	mg/Kg DWB	5	0.051	0.16	08/06/19	SW846 6010	721026460 JDO
Chromium, tot. recoverable as Cr by ICP	7.0	mg/Kg DWB	5	0.22	0.75	08/06/19	SW846 6010	721026460 JDO
Lead, tot. recoverable as Pb by ICP	640	mg/Kg DWB	5	1.2	3.8	08/06/19	SW846 6010	721026460 JDO
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.042	0.14	08/05/19	SW846 7471B	721026460 RS
Selenium, tot. recoverable as Se by ICP	ND	mg/Kg DWB	5	3.2*	11*	08/06/19	SW846 6010	721026460 JDO
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	5	0.22	0.73	08/06/19	SW846 6010	721026460 JDO
Solids, total on solids	91.6	%	1	0.10*		06/18/19	SM 2540-G 20ed	721026460 EMT
Metals digestion - tot. recov (solid) ICP	yes					08/01/19	SW846 3050	721026460 RSK

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution and/or solids content.

ND = Not Detected (< LOD) LOD = Limit of Detection LOQ = Limit of Quantitation NA = Not Applicable

DWB = Dry Weight Basis %DWB = (mg/kg DWB) / 10000 1000 ug/L = 1 mg/L

MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:
 R. T. Krueger
 President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Analytical Laboratory and Environmental Services

400 North Lake Avenue • Crandon, WI 54520-1298

Tel: (715) 478-2777 • Fax: (715) 478-3060

CLIENT <i>BBB BP Broadway</i>		
ADDRESS <i>199 S. Broadway</i>		
CITY <i>Green Bay</i>	STATE <i>WI</i>	ZIP <i>54304</i>
PROJECT DESCRIPTION / NO. <i>BBB Boiler-6(B6)</i>		QUOTATION NO.
DNR FID #	DNR LICENSE #	
CONTACT <i>Jacquelyn Pomeroy</i>		PHONE <i>920-438-4243</i>
PURCHASE ORDER NO. <i>01561595</i>		FAX

Wisconsin DNR cert ID
721026460 (Cran) / 268533760 (Wauk)
Wisconsin DATCP ID
105-000330 (Cran) / 105-000479 (Wauk)

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

ANALYZE PER ORDER OF ANALYSIS	USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.										
	TCPP	BNA	VOCs	PCB	FLASHPOINT	TCPP-Methyl					
	X	X	X	X	X						
	X	X	X	X	X						



NO. 209228

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)									
			DATE	TIME		TCPP	BNA	VOCs	PCB	FLASHPOINT	TCPP-Methyl														
1.	894-895	Sample 1	6-14-19	11:14AM	SOIL	X	X	X	X	X															
2.	896-897	Sample 2	6-14-19	11:25AM	SOIL	X	X	X	X	X															
3.	1137187																								
4.																									
5.																									
6.																									
7.																									
8.																									
9.																									
10.																									

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)		DATE/TIME <i>6-17-19 713</i>
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME	
DISPATCHED BY (signature)	METHOD OF TRANSPORT <i>UPS</i>	DATE/TIME <i>6-17-19 713</i>	
RECEIVED AT NLS BY (signature)	DATE/TIME <i>6-18-19 10:00</i>	CONDITION <i>On ice</i>	TEMP.
COOLER #	REMARKS & OTHER INFORMATION <i>18577 189 90 6638 5827</i>		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER E-MAIL ADDRESS

REPORT TO
INVOICE TO

IMPORTANT

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP YELLOW COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from (**check one**):

- Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility
- Other - Describe: Fill containing lead beneath boiler room

ATTN DNR: **R & R Program Associate** Date DNR Notified: **09/30/2019**

1. Discharge Reported By		
Name Jacquelyn Pomerville	Firm Gerorgia-Pacific Consumer Operations LLC	Phone Number (include area code) (920) 438-4243
Mailing Address 1919 South Broadway	Email JACQUELYN.POMERVILLE@GAPAC.COM	

2. Site Information		
Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Broadway Mill -- Boiler 6 Area		
Location: Include street address, <u>not PO Box</u> . If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 1919 South Broadway		
Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city. City of Green Bay		
County Brown	Legal Description: SE ¼ of SE ¼ Section 2, Town 23 N, Range 20 <input checked="" type="radio"/> E <input type="radio"/> W	WTM: X 676467 Y 448430

3. Responsible Party (RP) and/or RP Representative	
Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. Gerorgia-Pacific Consumer Operations LLC	

A local governmental unit claiming an exemption from state Spill Law and Solid Waste Management responsibilities for the discharge being reported, per Wis. Stat. §§ 292.11(9)(e) and 292.23, should: 1) check this box; 2) review [DNR publication RR-055](#); and 3) provide documentation to DNR that demonstrates compliance with the statutory requirements of the liability exemptions. Local governmental units may also request a fee-based liability clarification letter from DNR by using [DNR Form 4400-237](#).

Contact Person Name (if different) Melissa Mrotek	Phone Number (920) 438-2233	Email MELISSA.MROTEK@GAPAC.com	
Mailing Address 1919 South Broadway	City Green Bay	State WI	ZIP Code 54304

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email	
Mailing Address	City	State	ZIP Code

(continued)

Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- | | | |
|---|--|--|
| <input type="checkbox"/> VOCs
<input type="checkbox"/> PCE
<input type="checkbox"/> TCE
<input type="checkbox"/> Other Chlorinated
<input type="checkbox"/> Diesel
<input type="checkbox"/> Fuel Oil
<input type="checkbox"/> Gasoline
<input type="checkbox"/> Hydraulic Oil
<input type="checkbox"/> Jet Fuel | <i>(VOCs continued)</i>
<input type="checkbox"/> Mineral Oil
<input type="checkbox"/> Waste Oil
<input type="checkbox"/> Petroleum-Unknown Type
<input type="checkbox"/> PAHs
<input type="checkbox"/> PCBs
<input type="checkbox"/> Cyanide
<input type="checkbox"/> Leachate
<input type="checkbox"/> Manure | <input type="checkbox"/> Metals
<input type="checkbox"/> Arsenic
<input type="checkbox"/> Chromium
<input checked="" type="checkbox"/> Lead
<input type="checkbox"/> Other: _____
<input type="checkbox"/> Pesticides: _____
<input type="checkbox"/> Fertilizer: _____
<input type="checkbox"/> RCRA Hazardous Waste: _____
<input type="checkbox"/> Other: _____
<input type="checkbox"/> Unknown |
|---|--|--|

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- | | | |
|--|---|--|
| <input type="checkbox"/> Air Contamination | <input type="checkbox"/> Fire Explosion Threat | <input checked="" type="checkbox"/> Soil Contamination |
| <input type="checkbox"/> Co-mingled (Petroleum & Non-Petroleum) | <input type="checkbox"/> Free Product | <input type="checkbox"/> Soil Gas Contamination |
| <input type="checkbox"/> Contamination in Fractured Bedrock | <input type="checkbox"/> Groundwater Contamination | <input type="checkbox"/> Sub-slab Vapor Contamination |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input type="checkbox"/> Off-Site Contamination | <input type="checkbox"/> Surface Water Contamination |
| <input type="checkbox"/> Contaminated Private Well | <input type="checkbox"/> Sanitary Sewer Contamination | <input type="checkbox"/> Within 100 ft of Private Well |
| <input type="checkbox"/> Contaminated Public Well | <input type="checkbox"/> Storm Sewer Contamination | <input type="checkbox"/> Within 1000 ft of Public Well |
| <input type="checkbox"/> Contamination in Right of Way | <input type="checkbox"/> Sediment Contamination | |
| Other (specify): _____ | | |

Contamination was discovered as a result of:

- | | | |
|--|--|---|
| <input type="checkbox"/> Tank closure assessment | <input type="checkbox"/> Site assessment | <input checked="" type="checkbox"/> Other - Describe: <u>Boiler replacement project</u> |
| Date <input type="text"/> | Date <input type="text"/> | Date <input type="text" value="08/08/2019"/> |

Lab results: Lab results will be faxed upon receipt Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

A fill sample collected approximately 2 feet below the center of the boiler room contained 640 mg/kg lead, which exceeds the non-industrial direct contact RCL (400 mg/kg) but is below the industrial direct contact RCL (800 mg/kg). No other substances of concern identified.

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

Source	Cause
For all confirmed releases from USTs occurring after 9/30/2007 please provide the following information: <input type="checkbox"/> Tank <input type="checkbox"/> Piping <input type="checkbox"/> Dispenser <input type="checkbox"/> Submersible Turbine Pump <input type="checkbox"/> Delivery Problem <input checked="" type="checkbox"/> Does not apply. <input type="checkbox"/> Other (specify): _____	<input type="checkbox"/> Spill <input type="checkbox"/> Overfill <input type="checkbox"/> Corrosion <input type="checkbox"/> Physical or Mechanical Damage <input type="checkbox"/> Installation Problem <input type="checkbox"/> Other (does not fit any of above) <input type="checkbox"/> Unknown

Contact information to report non-emergency releases in DNR's five regions are as follows:

- Northeast Region (FAX: 920-662-5413); Attention -- R&R Program Associate:** DNRRRNER@wisconsin.gov
 Brown, Calumet, Door, Fond du Lac (**except City of Waupun - see South Central Region**), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties
- Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate:** DNRRRNOR@wisconsin.gov
 Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties
- South Central Region (FAX: 608-273-5610); Attention -- R&R Program Associate:** DNRRRSCR@wisconsin.gov
 Columbia, Dane, Dodge, Fond du Lac (**City of Waupun only**), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, Walworth counties
- Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate:** DNRRRSER@wisconsin.gov
 Kenosha, Milwaukee, Ozaukee, Racine, Washington, Waukesha counties

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Jacquelyn Pomerville Gerorgia-Pacific Consumer Operations LLC

Form 4400-225 (R 06/17)

Page 3 of 3

West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRWWWCR@wisconsin.gov

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties