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October 18, 2010

Ms. Elizabeth Victor
Wisconsin Department of Natural Resources
625 East County Road Y, Suite 700
Oshkosh, WI 54901

Subject: Supplemental Information for Expedited Review of Historic Fill Exemption for Exopack, LLC, Menasha, Wisconsin

Dear Ms. Victor:

We understand that the Wisconsin Department of Natural Resources (WDNR) has questions related to the depth of excavation and the absence of information under the east half of the proposed building. We have additional information concerning the excavation, summarize the available information, and offer an approach to minimize the WDNR's concerns.

The proposed building is 85 feet by 95 feet in size. It is a design-build project, so construction details are still being developed. According to Scott Fleming, the facility plant manager, the foundation will be shallower than thought a few days ago. The excavation for the foundation will only be 4 feet deep and 4 feet wide. This will reduce the likelihood of running into ground water, and results in less material to be excavated. The plan is to reuse suitable spoil materials within the foundation footprint and under the new concrete slab. Unsuitable or excess materials will be properly disposed. RMT will be present on-site during key decision-making times to assist in the screening and disposal activities.

There are 13 soil borings in the general area of the west half of the proposed footprint. The results from these borings show a fairly consistent layer of soils in the 1-3 foot range that are silty or sandy clay with trace gravel and cinders at some locations, and silty clay fill with some cinders and odors in the 3 to 5 foot range. Low-level contamination is present throughout the west half of the proposed footprint. DRO exceeded the NR 720 Generic RCL in three soil samples, but only one of these samples was shallower than 4 feet below ground surface. No soil samples exceeded the Generic RCLs for groundwater pathway for PAHs. Two borings showed PCBs present in the soil at the 1 to 5 foot depth, but the concentrations were below the USEPA Residual Soil Screening Levels for PCBs. Due to the consistent nature of the soil and fill in the west half of the proposed footprint, we expect the soils below the east half of the proposed building would have similar or lower levels of contaminants. In addition, the east half is further away from the likely source area as previously investigated as part of site closure.

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WindConnect is a trademark of RMT, Inc., an Alliant Energy Company.

As provided in the Excavation Management Plan, RMT will be present to verify that the material excavated match that of previous investigation, and assure that materials are properly managed. The WDNR will be notified if unexpected contamination is identified based on field-screening or lab testing. Final construction documentation will be submitted to the WDNR.

Please contact me at (608) 662-5274 if you have any questions.

Sincerely,

RMT, Inc.

Daniel Haak

Daniel Haak, P.E.
Project Engineer

Attachment: Soil Boring Logs

cc: John Liddicoat – Exopack
Bernie Medwith – Exopack
Paul Turpin – RMT

State of Wisconsin
Department of Natural Resources

Route to:
- ☐ Solid Waste
- ☐ Emergency Response
- ☐ Wastewater
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Fort James Canal Plant - Phase II (99F004)		B-4

Boring Drilled by (Firm name and name of crew chief)	Date Started MM/DD/YY	Date Completed MM/DD/YY	Drilling Method
Environmental Drilling Services John Zeutzius, Driller	2/22/99	2/22/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					1.25" OD

Boring Location	Local Grid Location (if applicable)
State Plane ____ N, ____ E S/C/N Lat NE 1/4 of NW 1/4 of Section 22, T 20 N, R 17 E Long	____ N ____ E Feet ____ S Feet ____ W

County	DNR County Code	Civil Town/City/or Village
Winnebago	71	Menasha

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Soil Properties: Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
1	8			0-0.2 Asphalt. 0.2-0.4 Dark Brown (10YR3/2) SILT	ML									
				0.4-4.0 Dark brown to brown (10YR3/3 to 5/3) gravelly SAND, dry to moist.	SP									
			2											
2	12													
			4											
				Total Depth = 4'										
				SAMPLES COLLECTED: PCB soil sample 1-2.' PCB soil sample 3-4'										
				LOCATION OF BORING: Estimated location of transformer provided by Herman Haven, ANCC employee 2.3' from Building #34 3.25' from Building #18										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Tonia J. Clement	Foth & Van Dyke

This form is authorized by Chapters 114.147 and 162, Wis. Stats. Completion of this report is mandatory.
Penalties: Forfeit not less than $10 nor more then $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 114.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Route to:
- ☐ Solid Waste
- ☐ Emergency Response
- ☐ Wastewater
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Fort James Canal Plant - Phase II (99F004)		B-5

Boring Drilled by (Firm name and name of crew chief)	Date Started MM/DD/YY	Date Completed MM/DD/YY	Drilling Method
Environmental Drilling Services John Zeutzius, Driller	2/22/99	2/22/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					1.25" OD

Boring Location
State Plane ____ N, ____ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T 20 N, R 17 E Long

Local Grid Location (if applicable)
____ N ____ E
Feet ____ S Feet ____ W

County	DNR County Code	Civil Town/City/or Village
Winnebago	71	Menasha

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Soil Properties: Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
1	8.5			0-0.2 Asphalt. 0.2-1.5 Lt brown (10YR5/30) gravelly SAND.	SP									
			2	1.5-4.0 Grayish brown (10YR5/2) fine, limestone GRAVEL, angular.	GP									
2	1													
			4	Total Depth = 4' (Refusal)										
				SAMPLES COLLECTED: PCB soil sample 1-2.' PCB soil sample 3-4'.										
				LOCATION OF BORING: Estimated location of transformer provided by Herman Haven, ANCC employee. 3.35' from Building #34 9.05' from Building #18										

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E

State of Wisconsin
Department of Natural Resources

Route to:
- ☐ Solid Waste
- ☐ Emergency Response
- ☐ Wastewater
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Fort James Canal Plant - Phase II (99F004)		B-6

Boring Drilled by (Firm name and name of crew chief)	Date Started MM/DD/YY	Date Completed MM/DD/YY	Drilling Method
Environmental Drilling Services John Zeutzius, Driller	2/22/99	2/22/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					1.25" OD

Boring Location	Local Grid Location (if applicable)
State Plane ____ N, ____ E S/C/N Lat NE 1/4 of NW 1/4 of Section 22, T 20 N, R 17 E Long	____ N ____ E Feet ____ S Feet ____ W

County	DNR County Code	Civil Town/City/or Village
Winnebago	71	Menasha

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
1	11		2	0-0.2 Asphalt. 0.2-2.4 Brown (10YR5/3) sandy GRAVEL, dry to moist.	GM									
2	11		4	2.4-3.5 Black (10YR2/1) silty SAND, moist.	SM									Petroleum Odor Viscous
3	14		6	3.5-4.5 Black (10YR2/1) clayey SILT, very moist.	ML									
				4.5-6.0 Reddish brown (2.5YR4/3) clayey SILT to silty CLAY, trace gravel, dry.	ML/CL									
				Total Depth = 6'										

SAMPLES COLLECTED:
PCB soil sample 1-2.'
PCB soil sample 2.4-2.9'.
DRO soil sample 2.4-2.9'.

LOCATION OF BORING:
Near electric pole at SE wall of Building #22.
3.9' from Building #22
5.05' from NE corner of short wall (Bldg #22).

(Note: Sewer and water pipes possibly located near borehole so no further drilling done.)

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State of Wisconsin
Department of Natural Resources

Route to:
- ☐ Solid Waste
- ☐ Emergency Response
- ☐ Wastewater
- ☐ Haz. Waste
- ☒ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES-CANAL PLANT-MENASHA		MW-1

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
MES, INC. GARY	11-1-99	11-1-99	4.25" ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				750.89	8.25"

Boring Location
State Plane ___ N, ___ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R E 20, 17 Long

Local Grid Location (if applicable)
___ N Feet ___ S Feet ___ E ___ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
				3" ASPHALT 3" LT BROWN SAND/GRAVEL SUB-BASE 6" BLACK SILT LOAM (TOPSOIL)										
1	8	1/1 1/3	1	1.0-3.0 BLACK (7.5YR 2.5/1) SILT LOAM (TOPSOIL) w/ CINDERS, SL. MOIST, CRUMBLES.	FM PT			Ø						
2	18		3	3.0-5.0 BROWN (7.5YR 4/2) SANDY CLAY FILL, MOIST, FIRM, ODOR	FM			761						
3	10	2/3 3/8	5	5.0-7.0 BROWN (7.5YR 4/2) SANDY CLAY w/ GRAVEL, V. MOIST-WET, FIRM, ODOR	FM			722						SS-MW-1-5-7 @ 2:30
4	18		7	7.0-9.0 REDBROWN (5YR 5/3) SILTY CLAY, V. FIRM, SL. MOIST	CL			49						
5	20		9	9.0-11.0 S.A.A.	CL			Ø						
6	20	9/7 13/34	11	11.0-12.5 S.A.A. 12.5-13.0 GRAY (7.5YR 6/1) FN GRN SANDY SILT, WET FIRM. AUGER to 14.0 SET WELL @ 13.5 FT.	CL SM SP			Ø						

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	Foth & Van Dyke

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State of Wisconsin
Department of Natural Resources

Route to:
- ☐ Solid Waste
- ☐ Emergency Response
- ☐ Wastewater
- ☐ Haz. Waste
- ☒ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES - CANAL PLANT - MENASHA		SB-38

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
MES, INC. GARY	11-1-99	11-1-99	4.25" ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					8.25"

Boring Location
State Plane ____ N, ____ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R E 20, 17 Long

Local Grid Location (if applicable)
____ N Feet ____ S ____ E Feet ____ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
				3" CONCRETE										
				3" LT. BROWN SAND/GRAVEL SUB-BASE										
				4" BROWN CLAYEY FILL										
1	12		1	1.0-3.0 BROWN (7.5YR 4/2) CLAY FILL W/GRAVEL & CINDERS SL. MOIST. FIRM	FM S			9						
2	12		3	3.0-4.8 S.A.A. 4.8-5.0 RED BROWN (5YR 5/3) SILTY SAND, V. MOIST, LOOSE.	FM SM			32						
3	18		5	5.0-7.0 RED BROWN (5YR 5/3) SILTY CLAY, V. MOIST/WET, HARD. ODOR	CL			430						SS-SB-38-5-7 @ 1:00
4	10		7	7.0-9.0 S.A.A. NO ODOR	CL			Ø						
				END OF BORING @ 9 FT										

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State of Wisconsin
Department of Natural Resources

Route to:
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- ☐ Wastewater
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES - CANAL PLANT - MENASHA		SB-40

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
MES, INC. GARY	11-1-99	11-1-99	4.25" IDHSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					8.25"

Boring Location
State Plane ____ N, ____ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R E 20/17 Long

Local Grid Location (if applicable)
____ N Feet ____ S ____ E Feet ____ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Soil Properties: Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
				3" ASPHALT 7" SAND/GRAVEL SUB-BASE										
1	4		1	1.0-3.0 BROWN (7.5YR 5/2) FN-MED GRN SILTY SAND W/ GRAVEL, DRY, LOOSE.	FM			10						SS-SB-40-1-3 @ 11:30
2	12		3	3.0-5.0 DK GRY (10YR 4/1) SILTY CLAY, MOIST, FIRM ODOR	CL			155						
3	12	1 3 14 28	5	5.0-7.0 BROWN (7.5YR 4/3) SILTY CLAY, V. MOIST-WET, FIRM, ODOR	CL			280						SS-SB-40-5-7 @ 11:45
4	18		7	7.0-9.0 RED BROWN (5YR 5/3) SILTY CLAY, WET, FIRM	CL			34						
5	18		9	9.0-11.0 S.A.A.	CL			10						
				END OF BORING @ 11 FT.										

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Route to:
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- ☐ Emergency Response
- ☐ Wastewater
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- ☒ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES - CANAL PLANT - MENASHA		SB-41

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
MES, INC. GARY	11-1-99	11-1-99	4.25" ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					8.25"

Boring Location
State Plane ___ N, ___ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R E 20, 17 Long

Local Grid Location (if applicable)
___ N Feet ___ S ___ E Feet ___ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
				6" REINFORCED CONCRETE 6" GRAVEL SUB-BASE										
1	12	10/6 3/4	1	1.0-3.0 V. DK. GRAY (5YR3/1) FN-MED GRN SAND W/GRAVEL SL. MOIST, LOOSE.	FM			Ø						
2	2		3	3.0-5.0 RED BROWN (5YR5/3) SILTY CLAY W/STONES, SL. MOIST, FIRM.	CL			6						
3	12		5	5.0-7.0 RED BROWN (5YR5/3) SANDY CLAY, WET, FIRM.	CL			11						SS-SB-41-5-7 @ 12:30
4	12		7	7.0-9.0 RED BROWN (5YR5/3) SILTY CLAY. V. FIRM, MOIST.	CL			12						
				END OF BORING @ 9 FT.										

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State of Wisconsin
Department of Natural Resources

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- ☐ Haz. Waste
- ☒ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES - CANAL PLANT - MENASHA		SB-50

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
MES, INC. GARY	11-4-99	11-4-99	3.25" ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					6.25"

Boring Location
State Plane ____ N, ____ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R E 20, 17 Long

Local Grid Location (if applicable)
____ N Feet ____ S ____ E Feet ____ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
				4" CONCRETE										
				3" SAND SUB-BASE										
				CONCRETE TO 3 FT										
				(FOOTING?) COULD NOT ADVANCE SPOON.										
1	6	10/10 5/6	3	3.0-5.0 REDBROWN (5YR 5/3) SILTY CLAY FILL W/STONES, WET, SOFT	FM			4						SS-SB-50-3-5 @ 10:30
2	6		5	5.0-7.0 S.A.A. V. FIRM	FM			4						
3	18	11/9 13/16	7	7.0-9.0 S.A.A.	FM			3						
4	12	10/14 39/28	9	9.0-10.0 S.A.A. 10.0-11.0 YELLOWBROWN (10YR 5/4) FNGRN SANDY SILT W/ STONES - HARD, SL. MOIST.	SM			5						SS-SB-50-9-11 @ 11:00
			11	END OF BORING @ 11 FT										

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Department of Natural Resources

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- ☒ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES - CANAL PLANT - MENASHA		SB-51

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
MES, INC. GARY	11-4-99	11-4-99	3.25" ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					6.25"

Boring Location
State Plane ____ N, ____ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R E 20, 17 Long

Local Grid Location (if applicable)
Feet ____ N ____ S Feet ____ E ____ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
				3" ASPHALT										
				6" BLACK SILTY GRAVEL SUB-BASE										
				3" BROWN CLAY FILL										
1	12	3/3 2/3	1	1.0-3.0 BROWN (7.5YR 4/2) SILTY CLAY FILL, MOIST, FIRM	FM			3						
2	18	2/2 2/2	3	3.0-4.0 S.A.A. 4.0-5.0 REDBROWN (5YR 5/3) SILTY CLAY FILL, SOFT, WET.	FM			3						SS-SB-51-3.5 @ 11:30
3	12	2/3 11/11	5	5.0-6.8 S.A.A. 6.8-7.0 BROWN (7.5YR 5/3) SILTY FN GRN SAND w/GRAVEL, MOIST, FIRM.	FM			3						
4	12	12 14 14 9	7	7.0-8.0 BROWN (7.5YR 5/3) SILTY FN GRN SAND w/GRAVEL, MOIST, FIRM	SP									
				8.0-9.0 REDBROWN (5YR 5/3) SILTY CLAY w/STONES, FIRM, MOIST	CL			4						
5	18	3/5 8/10	9	9.0-11.0 REDBROWN (5YR 5/3) SILTY CLAY w/STONES, FIRM, MOIST.	CL			7						
6	24	4/6 9/11	11	11.0-12.0 S.A.A. 12.0-13.0 COLOR CHANGE BROWN (7.5YR 4/2)	CL			6						
7	12		13	13.0-15.0 S.A.A.	CL			3						SS-SB-51-13-15 @ 1200

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Foth & Van Dyke

This form is authorized by Chapters 114.147 and 162, Wis. Stats. Completion of this report is mandatory.
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State of Wisconsin
Department of Natural Resources

Route to:
- ☐ Solid Waste
- ☐ Emergency Response
- ☐ Wastewater
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES - CONAL PLANT - MENASHA		GP-27

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
BEST TOCKO / MACRO CORE	5.15.00	5.15.00	GEOPROBE

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					2"

Boring Location
State Plane ____ N, ____ E S/C/N Lat
1/4 of 1/4 of Section , T N, R E Long

Local Grid Location (if applicable)
Feet ____ N ____ E
Feet ____ S ____ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	SAMPLE Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Soil Properties: Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
			0	0-0.4 CONCRETE 0.4-1.0 GRAVEL BASE COARSE										
1	24			1.0-4.0 RED BROWN (5YR 5/3) SANDY CLAY FILL W/TRACE GRAVEL, WARM, MOIST				9						
			4	SAME AS ABOVE WET @ 4.5, ODOR				23						SS-GP-27 DRO, PVOC, PAH
2	48													
			8					4						
			8.5	REFUSAL @ 8.5 SET WELL										WS-GP-27

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State of Wisconsin
Department of Natural Resources

Route to:
- ☐ Solid Waste
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- ☐ Wastewater
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- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES-CANAL PLANT-MENASHA		GP-28

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
BEST TOKO / MACRO CORE	5.15.00	5.15.00	GEOPROBE

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					2"

Boring Location
State Plane ____ N, ____ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R E 20,17 Long

Local Grid Location (if applicable)
____ N ____ E
Feet ____ S Feet ____ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
			0	0-0.4 CONCRETE 0.4-2.0 GRAVEL BASE COARSE	FM									
1	48			2.0-3.5 BROWN (7.5YR 4/4) SILTY SAND FILL W/ TRACE CINDERS AND SLAG, LOOSE, DRY	FM									
				3.5-4.0 BLACK PEAT/TOPSOIL				12						
			4	4.0-5.5 BROWN (7.5YR 4/4) SILTY CLAY W/ GRAVEL, CRUMBLES, F. RUN, MOIST	CL			13						SS-GP-28 @ 5' DRO, PVOC
2	48			WET @ 5.5										
				5.5-10.0 RED BROWN (5YR 5/3) SANDY CLAY W/ TRACE GRAVEL SL. MOIST, F. RUN	CL									
			8					6						
3	24													
			10	END OF BORING @ 10'				Ø						

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Signature T Brochoel | Firm Foth & Van Dyke

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State of Wisconsin
Department of Natural Resources

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- ☐ Emergency Response
- ☐ Wastewater
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORTUNES - CORNAL PLANT. MENASHA		GP-29

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
BEST JOCKO / MACROCORE	5.15.00	5.15.00	GEOPROBE

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					2"

Boring Location
State Plane ____ N, ____ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R E 20,17 Long

Local Grid Location (if applicable)
____ N Feet ____ S ____ E Feet ____ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Soil Properties: Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
			0	0-0.4 CONCRETE										
				0.4-1.0 GRAVEL BASE COARSE	FILL									
1	12"			MOIST @ TIP				0						
			4	4.0-7.5 BROWN (7.5YR 4/2) SANDY CLAY, FIRM, MOIST	CL			6						SS-GP-29 DRO, PVOC
				WET @ 4.5										
				7.5-8.0 COLOR CHANGE										
2	18"			TO REDBROWN (5YR 5/3)										
			8											
				REFUSAL @ 8.5 FT.										
3	0		10											

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Signature	Firm
[signature]	Foth & Van Dyke

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State of Wisconsin
Department of Natural Resources

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- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
FORT JAMES - CANAL PLANT - MENASHA		GP-30

Boring Drilled by (Firm name and name of crew chief)	Date Started	Date Completed	Drilling Method
BEST FOLLO / MACRO CORE	5.15.00	5.15.00	GEOPROBE

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
					2

Boring Location
State Plane ____ N, ____ E S/C/N Lat
NE 1/4 of NW 1/4 of Section 22, T N, R (E) 20/17 Long

Local Grid Location (if applicable)
____ N ____ E
Feet ____ S Feet ____ W

County	DNR County Code	Civil Town/City/or Village
WINNEBAGO	71	MENASHA

SAMPLE No.	Rec (in)	Blow Counts	Depth in Feet	Soil/Rock description and geologic origin for each major unit	USCS	Graph Log	Well Diag	PID/FID	Soil Properties: Std Pntr	Mst Cont	Liq Lim	Plas Lim	P 200	RQD/Comm
			0	0-0.3 ASPHALT PAVEMENT										
				0.3-0.9 GRAVEL BASE COARSE										
				0.9-4.0 REDBROWN (5YR5/3) SILTY CLAY W/TRACE GRAVEL V. MOIST @ 4.0	CL									
1	36													
			4	4.0-6.0 REDBROWN (5YR5/3) SILTY CLAY W/TRACE GRAVEL, WET @ 4.5 ODOR	CL									SS-GP30 DRO, PVOC PAH
				6.0-6.5 SANDY GRAVEL GRAY (7.5YR6/1) WET,	GP									
2	36			6.5-8.0 REDBROWN (5YR5/3) SANDY CLAY, WET, FIRM	CL									
			8	END OF BORING @ 8'										

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Signature	Firm
T Brooks	Foth & Van Dyke

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