

**Appendix A**  
**Soil Boring Logs and Abandonment Forms**

## FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth &amp; Van Dyke

Adams County Landfill

Job No. 542

LOCATION

Adams County, WI

Elev. 982.18

Boring No. B-4

GROUND	While drilling	36.0'	Time after drilling	1/2 hr.	Start 6/6/84	
	Before casing removal	--	Depth to water	36.0'		Unit 750
	After casing removal	--	Depth to cave-in	--		Chief RI

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/5	6/12				Weight	Drop			Casing Size	Probe Size	
						TOPSOIL 0.3'	140	30"					HSA
						SAND, LIGHT BROWN, M-F, TRACE OF SILT (SP)							
1	M	6	6	1.5	13								
		7											
2	D	5	5	1.0	11								
		6											
3	D	4	4	1.2	8								
		4											
4	D/M	3	4	1.2	9								
		5											
5	M/W	3	2	1.5	5								
		3				CLAYEY SILT, BRN, W/SO. FINE SAND (ML)							
						SAND, LT. BROWN, FINE TO VERY FINE, TRACE OF SILT (SP)							
6	D	15	23	1.5	50								
		27											
7	W	17	29	1.2	61								
		32											
8	W	13	15	1.0	33								
		18											
9	W	7	8	1.2	16								
		8											
		5	6										
10	W	7			13								

E.O.B. @ 51.5'







**SCHOFIELD, WISCONSIN**

**FOR** Foth & Van Dyke Adams County Landfill

**Job No.** 875

**LOCATION** Adams County - Jensen Property **Elev.** 959.36

**Boring No.** B-10

### GROUND While drilling

15.5'

### Time after drilling

 $\frac{1}{2}$  hr.

Start 6-09-86

## WATER

**Before casing removal**

**Depth to water**

None

Unit Bomb

### After casing removal

### Depth to cave-in

15.5'

Chief T.K.

[illegible]



Job No. 875

Boring No. B-11

<u>GROUND</u>	While drilling	<u>33.2'</u>	Time after drilling	<u>1/2 hr.</u>	Start	<u>6-9-86</u>
<u>WATER</u>	Before casing removal	<u>          </u>	Depth to water	<u>None</u>	Unit	<u>Bomb</u>
	After casing removal	<u>          </u>	Depth to cave-in	<u>26.8'</u>	Chief	<u>T. K.</u>

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/4	6/12				Weight	Drop			Casing Size	Probe Size	
1	M	8	6	1.3	13	Brn. - Drk. Brn. SAND, M-F, Some Silt & Organics (SM) 1.0'	140#	30"					HSA
2	M	3	4	1.5	10	Brn. SAND, F., Trace Silt (SP)							
3	M	5	5	1.5	13	Brn. SAND, F-M, Trace Silt (SP)							
4	M	4	4	1.5	11								
5	M	5	5	1.5	16	Brn. SAND, V.F. and Silt (SM)							
6	M	12	13	1.5	32								
7	M	8	23	1.5	80	Brn. SAND, V.F., Some Silt (SM)							
8	W	14	15	1.5	32								
9	W	12	13	1.4	29	Brn. SAND, Mottled, Laminated W/Gray Silt and Red Clay (SP, CL)							
10	W	8	12	1.4	31	E.O.B. 45.0'							



Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/6	6/12				Weight	Drop			Casing Size	Probe Size	
						Brn. SAND, F, Trace Silt (SP)		140#					HSA
1	M	11	6	1.2	14								
		8											
2	M	8	8	1.5	20								
		12											
3	M	8	10	1.5	23								
		13											
4	M	3	4	1.5	8	15.0'							
		4				Brn. SAND, V.F., and Some Silt (SM)							
						Brn. SAND, F, Some Silt (SM)							
5	W	11	14	1.5	31	20.5'							
		17				Brn.-Gray SAND, F-V.F., Silt (SP-SM)							
6	W	5	6	1.5	16	25.5'							
		10				Brn. SAND, Mottled, Laminated, W/Gray Silt and Red Clay (SP,CL)							
7	W	5	5	1.5	11								
		6											
8	TWT			20		TWT							
9	D	100/	1.2	1.1	100	34.5'							
						Reddish-Brn. CLAY and Some Silt, Laminated (CL,ML)							
10	D	100	1.5	1.4	100	41.0'							
						Brn. SAND, F. (SP)							
						E.O.B. 41.5'							



**SCHOFIELD, WISCONSIN**

**FOR** Foth & Van Dyke Adams County Landfill

Job No. 875

**LOCATION** Adams County - Jensen Property **Elev.** 973.12

Boring No. B-13

**GROUND** While drilling

Time after drilling  $\frac{1}{2}$  hr.

Start 6-10-86

**WATER** Before casing removal

Depth to water None

Unit	Bomb
------	------

### After casing removal

Depth to cave-in 27.2'

Chief R. T.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe _____	Unconfined Strength	Boulders	Blows on		Drilling Method
		0/6	6/18				Weight _____			Casing Size _____	Probe Size _____	
						Brn. SAND, F., Trace Silt (SP)						HSA
1	M/W	33 13	23	1.5	36							
2	M/W	7 6	5	1.4	13							
3	M/W	4 6	5	1.4	11							
4	M/W	4 5	5	1.4	10							
5	M	4 8	5	1.4	13	20.5' Rd-Brn. SAND, V.F., & Some Silt (SM)						
						23.0' Brn. SAND, V.F.-F., Trace Silt (SP)						
6	M	13 24	20	1.4	44	25' Brn. Sandy SILT, F-V.F. (ML)						
7	M	17 17	13	1.4	30	30'						
8	M	16 12	38	1.4	50	34.0' Brn. SAND, F. (SP)						
						36.0' Brn. SAND, F., Laminated W/Brn. Clay (SP,CL)						
9	W	15 10	32	1.4	42	40'						
10	W	12 22	17	1.4	39	45' E.O.B. 45.0'						



SCHOFIELD, WISCONSIN

FOR Roth &amp; Van Dyke Adams County Landfill

Job No. 875

LOCATION Adams County, Jensen Property Elev. 972.62

Boring No. B-14

GROUND	While drilling	36.0'	Time after drilling	1 hr.	Start 6-11-86 Unit Bomb Chief T.K.
WATER	Before casing removal		Depth to water	None	
	After casing removal		Depth to cave-in	28.0'	

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/6	6/12				Weight	Drop			Casing Size	Probe Size	
						Brn. SAND, F-V.F., Uniform (SP)	140#	30"					HSA
1	D	3	4	14	5								
		5			9								
2	D	4	4	14	10								
		6			10								
3	D	7	13	14	15								
		9			22								
4	D	10	8	14	20								
		14			22								
						23.0'							
						Brn. Sandy SILT, F.-V.F. (ML)							
5	M	27	35	14	25								
		35			70								
6	M	26	21	14	30	Some Sand Seams							
		16			37								
7	W	21	22	14	35								
		27			49								
8	TWT				40	No Recovery							
9	W	9	13	14	45								
		15			28	E.O.B. 46.5'							



SCHOFIELD, WISCONSIN

FOR Roth &amp; Van Dyke Adams County Landfill

Job No. 875

LOCATION Adams Co. - Jensen Property Elev. 976.65

Boring No. B-15

GROUND	While drilling	39.7'	Time after drilling	1/2 hr.	Start 6-10-86
WATER	Before casing removal		Depth to water	None	
	After casing removal		Depth to cave-in	30.8'	
					Unit Bomb
					Chief T.K.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/4	6/12				Weight	Drop			Casing Size	Probe Size	
							140#	30"					HSA
1	D	7	12	13	26	Brn. SAND, F-V.F., W/Trace Silt (SP)							
		14											
2	D	4	8	14	14								
		6											
3	D	4	4	14	9								
		5											
4	D	3	5	14	12								
		7											
5	D	3	3	14	9								
		6											
6	M	5	4	14	11	24.5' Brn. Silty SAND, F-V.F. (SM)							
		7				26.0' Brn. SAND, F-V.F., Uniform (SP)							
7	D	100	1.2	1.1	100								
8	D	25	18	14	39	34.0' Brn. Silty SAND, F., W/Some Clay, Occasional Sand Seams (SM)							
		21											
9	W	27	21	14	47	38.5' Brn. SAND, F. (SP)							
		26				41.0' Red-Brn. & Gray CLAY, Mottled, Laminated, W/Silt and Sand Seams (CL, ML)							
10	W	11	13	1.3	34								
		21				E.O.B. 46.5'							

Page 1 of 2

I hereby certify that the information on this form is true and correct to the best of my knowledge.	
Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.	



# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

B-100 cont.

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SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES					RDQ/ comment
NUMBER	LENGTH RECOV- ERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	P-200	
6	24	5	-26	lean CLAY (CL) very thinly bedded with	CL					M				Lacustrine
SS	24	7	-27	interbedded seams of SILT. CLAY; very stiff										
		9	-27	brown (7.5 YR 4/4); moist. SILT; firm; brown										
			-27	(7.5 YR 5/4); moist. (varved appearance)										
			-28											
			-28	End of boring @ 25 ft bgs (elevation 933.29')										
			-29											
			-29	last split spoon from 25-27 ft bgs										
			-30	(elevation 931.29')										
			-31											
			-32											
			-33											
			-34											
			-35											
			-36											
			-37											
			-38											
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
---	--------------------------

This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$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 144.99 and 162.06, Wis. Stats.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME			
Well/Drillhole/Borehole Location <b>B-100</b>	County <b>Adams</b>	Original Well Owner (If Known)			
SE 1/4, NE 1/4, Sec. 13 T18N, R05E		Present Well Owner <b>Adams County Solid Waste Department</b>			
(If Applicable) Gov't Lot	Grid Number	Street or Route			
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code <b>Friendship, WI 53934</b>			
Civil Town Name <b>Strong's Prairie</b>	Facility Well No. and/or Name (If Applicable) <b>B- 100</b>	WI Unique Well No.			
Street Address of Well <b>1420 State Hwy 21</b>	Reason for Abandonment: <b>Sampling completed</b>				
City, Village <b>Friendship</b>	Date of Abandonment <b>November 23, 2015</b>				
<b>WELL/DRILLHOLE/BOREHOLE INFORMATION</b>					
(3) Original Well/Drillhole/Borehole Construction Completed On:		(4) Depth to Water (feet)      ~16'			
(Date)      11/23/2015					
Monitoring Well	Construction Report Available?	Pumping & Piping Removed?      Yes      No <input checked="" type="checkbox"/> Not Applicable			
Water Table	<input checked="" type="checkbox"/> Yes      No	Liner(s) Removed?      Yes      No <input checked="" type="checkbox"/> Not Applicable			
Drillhole	(Soil Boring Log)	Screen Removed?      Yes      No <input checked="" type="checkbox"/> Not Applicable			
<input checked="" type="checkbox"/> Borehole		Casing Left in Place?      Yes      No <input checked="" type="checkbox"/> Not Applicable			
Construction Type:		If No, Explain: _____			
<input checked="" type="checkbox"/> Drilled	Driven (Sandpoint)	Was casing Cut Off Below Surface?      Yes      No <input checked="" type="checkbox"/> Not Applicable			
<input type="checkbox"/> Other (Specify)	Hollow stem auger	Did Sealing Material Rise to Surface?      Yes <input checked="" type="checkbox"/> No      Not Applicable			
Formation Type:		Did Material Settle After 24 Hours?      Yes <input checked="" type="checkbox"/> No      Not Applicable			
<input checked="" type="checkbox"/> Unconsolidated Formation	Bedrock	If Yes, Was Hole Retopped?      Yes      No <input checked="" type="checkbox"/> Not Applicable			
Total Well Depth (ft.)    25	Casing Diameter (in.)	(5) Required Method of Placing Sealing Material			
(From Groundsurface)		<input checked="" type="checkbox"/> Conductor Pipe-Gravity      Conductor Pipe-Pumped			
Casing Depth (ft.)      n/a		<input type="checkbox"/> Dump Bailer      Other (Explain)			
Was Well Annular Space Grouted?      Yes <input checked="" type="checkbox"/> No      Unknown	If Yes, To What Depth?      Feet	(6) Sealing Materials			
		For monitoring wells and monitoring well boreholes only			
		<input type="checkbox"/> Neat Cement Grout			
		<input type="checkbox"/> Sand-Cement (Concrete) Grout			
		<input type="checkbox"/> Concrete			
		<input type="checkbox"/> Clay-Sand Slurry			
		<input type="checkbox"/> Bentonite-Sand Slurry			
		<input checked="" type="checkbox"/> Chipped Bentonite			
		<input type="checkbox"/> Bentonite Pellets			
		<input type="checkbox"/> Granular Bentonite			
		<input type="checkbox"/> Bentonite - Cement Grout			
(7)		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Sealing Material Used					
Chipped Bentonite		0	25	8.73 ft <sup>3</sup>	
(8) Comments:					
(9) Name of Person or Firm Doing Sealing Work		(10) FOR DNR OR COUNTY USE ONLY			
Ayres Associates					
Signature of Person Doing Work		Date Signed			
William Honea for PSI		11/23/2015			
Street or Route		Telephone Number			
N17 W24222 Riverwood Drive, Suite 310		262.522.4924			
City, State, Zip Code					
Waukesha, WI 53188					



Route to:

Watershed/Wastewater "

Waste Management "

Remediation/Redevelopment "

Other "

Page 1 of 1

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150				Boring Number B-101							
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/23/2015 M/D/Y		Date Drilling Completed 11/23/2015 M/D/Y		Drilling Method 4 1/2 " HSA							
WI Unique Well No. NA		DNR Well Id No. NA		Well Name NA		Final Static Water Level NA		Surface Elevation 960.28		Borehole Dia. 8 "					
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741393.213 N, 2010215.714 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. ____ ° ____ ' ____ " -----		Local Grid Location (If applicable) ____ " N ____ " E ____ Feet ____ " S ____ Feet ____ " W									
Facility Id. 701040560		County Adams		County Code 01		Civil Town/City/or Village Town of Strong's Prairie									
SAMPLE				SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT								SOIL PROPERTIES			
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	USCS		Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	p 200	RQD/Comments	
1 SS	24 20	2 3 4	-1 -2 -3 -4 -5	6 " Black sand w/organics (topsoil) SAND with SILT (SM); med-dense; brown (7.5YR 5/4); moist; fine SAND		OL SM				M				Lacustrine	
2 SS	24 20	3 4 4 5	-6 -7 -8 -9 -10	7.5 YR 5/6 mottling						M				Lacustrine	
3 SS	24 22	5 13 20 26	-11 -12 -13 -14 -15	no mottling						M				Lacustrine	
4 SS	24 20	13 14 18 16	-16 -17 -18 -19	reddish yellow (7.5 YR 6/6) mottling						M				Lacustrine	
5 SS	24 18	13 22 21 22	-20 -21 -22 -23 -24 -25	no mottling						M				Lacustrine	
				End of boring 19 ft bgs (elevation 941.28') groundwater not encountered											

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

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All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME															
Well/Drillhole/Borehole Location <b>B-101</b>	County <b>Adams</b>	Original Well Owner (If Known)															
SE 1/4, NE 1/4, Sec. 13 T18N, R05E		Present Well Owner <b>Adams County Solid Waste Department</b>															
(If Applicable) Gov't Lot _____ Grid Number _____		Street or Route															
Grid Location ft.    N.    S.                                  ft.    E.    W.		City, State, Zip Code <b>Friendship, WI 53934</b>															
Civil Town Name <b>Strong's Prairie</b>		Facility Well No. and/or Name (If Applicable) <b>B- 101</b>	WI Unique Well No.														
Street Address of Well <b>1420 State Hwy 21</b>		Reason for Abandonment: <b>Sampling completed</b>															
City, Village <b>Friendship</b>		Date of Abandonment <b>November 23, 2015</b>															
WELL/DRILLHOLE/BOREHOLE INFORMATION																	
(3) Original Well/Drillhole/Borehole Construction Completed On:  (Date) <b>11/23/2015</b>  <table style="width:100%; border: none;"> <tr> <td style="width: 20%; border-right: 1px solid black;">           _____ Monitoring Well            _____ Water Table            _____ Drillhole  <input checked="" type="checkbox"/> Borehole         </td> <td style="width: 80%;">           Construction Report Available?  <input checked="" type="checkbox"/> Yes    _____ No            (Soil Boring Log)         </td> </tr> </table> Construction Type: <input checked="" type="checkbox"/> Drilled    _____ Driven (Sandpoint)    _____ Dug _____ Other (Specify) <b>Hollow stem auger</b>  Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation    _____ Bedrock		_____ Monitoring Well _____ Water Table _____ Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes    _____ No (Soil Boring Log)	(4) Depth to Water (feet) <b>NA</b>  <table style="width:100%; border: none;"> <tr> <td>Pumping &amp; Piping Removed?</td> <td>_____ Yes    _____ No</td> <td><input checked="" type="checkbox"/> Not Applicable</td> </tr> <tr> <td>Liner(s) Removed?</td> <td>_____ Yes    _____ No</td> <td><input checked="" type="checkbox"/> Not Applicable</td> </tr> <tr> <td>Screen Removed?</td> <td>_____ Yes    _____ No</td> <td><input checked="" type="checkbox"/> Not Applicable</td> </tr> <tr> <td>Casing Left in Place?</td> <td>_____ Yes    _____ No</td> <td><input checked="" type="checkbox"/> Not Applicable</td> </tr> </table> If No, Explain: _____  Was casing Cut Off Below Surface?    _____ Yes    _____ No <input checked="" type="checkbox"/> Not Applicable Did Sealing Material Rise to Surface?    _____ Yes <input checked="" type="checkbox"/> No    _____ Not Applicable Did Material Settle After 24 Hours?    _____ Yes <input checked="" type="checkbox"/> No    _____ Not Applicable If Yes, Was Hole Retopped?    _____ Yes    _____ No <input checked="" type="checkbox"/> Not Applicable		Pumping & Piping Removed?	_____ Yes    _____ No	<input checked="" type="checkbox"/> Not Applicable	Liner(s) Removed?	_____ Yes    _____ No	<input checked="" type="checkbox"/> Not Applicable	Screen Removed?	_____ Yes    _____ No	<input checked="" type="checkbox"/> Not Applicable	Casing Left in Place?	_____ Yes    _____ No	<input checked="" type="checkbox"/> Not Applicable
_____ Monitoring Well _____ Water Table _____ Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes    _____ No (Soil Boring Log)																
Pumping & Piping Removed?	_____ Yes    _____ No	<input checked="" type="checkbox"/> Not Applicable															
Liner(s) Removed?	_____ Yes    _____ No	<input checked="" type="checkbox"/> Not Applicable															
Screen Removed?	_____ Yes    _____ No	<input checked="" type="checkbox"/> Not Applicable															
Casing Left in Place?	_____ Yes    _____ No	<input checked="" type="checkbox"/> Not Applicable															
Total Well Depth (ft.) <b>19</b> Casing Diameter (in.) _____ (From Groundsurface)  Casing Depth (ft.) <b>n/a</b>  Was Well Annular Space Grouted?    _____ Yes <input checked="" type="checkbox"/> No    _____ Unknown If Yes, To What Depth?    _____ Feet		(5) Required Method of Placing Sealing Material <input checked="" type="checkbox"/> Conductor Pipe-Gravity    _____ Conductor Pipe-Pumped _____ Dump Bailer    _____ Other (Explain)															
(7) Sealing Material Used <b>Chipped Bentonite</b>		From (ft.) <b>0</b>	To (ft.) <b>19</b>														
		No. Yards, Sacks Sealant or Volume <b>6.63 ft<sup>3</sup></b>	Mix Ratio or Mud Weight														
(8) Comments:																	
(9) Name of Person or Firm Doing Sealing Work <b>Ayres Associates</b> <table style="width:100%; border: none;"> <tr> <td style="width: 60%;">Signature of Person Doing Work <b>William Honea</b> for <b>PSI</b></td> <td style="width: 40%;">Date Signed <b>11/23/2015</b></td> </tr> <tr> <td>Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b></td> <td>Telephone Number <b>262.522.4924</b></td> </tr> <tr> <td colspan="2">City, State, Zip Code <b>Waukesha, WI 53188</b></td> </tr> </table>		Signature of Person Doing Work <b>William Honea</b> for <b>PSI</b>	Date Signed <b>11/23/2015</b>	Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b>	Telephone Number <b>262.522.4924</b>	City, State, Zip Code <b>Waukesha, WI 53188</b>		(10) <b>FOR DNR OR COUNTY USE ONLY</b> <div style="background-color: #cccccc; height: 100px; width: 100%;"></div>									
Signature of Person Doing Work <b>William Honea</b> for <b>PSI</b>	Date Signed <b>11/23/2015</b>																
Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b>	Telephone Number <b>262.522.4924</b>																
City, State, Zip Code <b>Waukesha, WI 53188</b>																	



Route to:  
Watershed/Wastewater      Waste Management      " "  
Remediation/Redevelopment      Other      " "

Page 1 of 2

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150				Boring Number B-102					
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe      Last Name: Black Firm: PSI				Date Drilling Completed 11/23/2015      M/D/Y				Drilling Method 4 1/2 " HSA					
WI Unique Well No. NA		DNR Well Id No. NA		Well Name NA		Final Static Water Level NA		Surface Elevation 960.84		Borehole Dia. 8 "			
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741956.16 N, 2010443.666 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. ____ ° ____ ' ____ " -----		Local Grid Location (If applicable) ____ " N      ____ " E ____ Feet      S      ____ Feet      W							
Facility Id. 701040560		County Adams		County Code 01		Civil Town/City/or Village Town of Strongs Prairie							
SAMPLE				SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT									
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/Comments
1 SS	24 20	2 2 2 4	-1 -2 -3 -4 -5	OL SM					M				Lacustrine
2 SS	24 20	3 6 5 7	-6 -7 -8 -9 -10						M				Lacustrine
3 SS	24 22	4 4 4 4	-11 -12 -13 -14 -15						M				Lacustrine
4 SS	24 20	7 9 12 7	-16 -17 -18 -19 -20	ML					M				Lacustrine
5 SS	24 24	14 25 38 46	-21 -22 -23 -24 -25	SM					M W				Lacustrine
		3		CL					M				Lacustrine

▼  
GW  
encountered  
@ 22' during  
drilling  
Elevation  
938.84'

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

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
---	--------------------------

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.



# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

B-102 cont.

Page 2 of 2

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES				RDQ/ comment	
NUMBER	LENGTH RECOVERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT		P-200
6 SS	24 24	7 8 10	-26 -27	lean CLAY (CL) very thinly bedded with interbedded seams of SILT. CLAY; very stiff, brown (7.5 YR 4/4); moist. SILT; firm; brown (7.5 YR 5/4); moist. (varved appearance)	CL					M				Lacustrine
7 ST	NA	NA	-28 -29 -30 -31 -32 -33 -34 -35 -36 -37 -38 -39 -40 -41 -42 -43 -44 -45 -46 -47 -48 -49 -50 -51 -52 -53 -54 -55 -56 -57 -58 -59	End of boring @ 27 ft bgs (elevation 933.84') sampled with shelly tube @ 27-29 ft bgs						M				

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$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 144.99 and 162.06, Wis. Stats.



All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME																					
Well/Drillhole/Borehole Location <b>B-102</b>	County <b>Adams</b>	Original Well Owner (If Known)																					
SE 1/4, NE 1/4, Sec. 13 T18N, R05E		Present Well Owner <b>Adams County Solid Waste Department</b>																					
(If Applicable) Gov't Lot _____ Grid Number _____		Street or Route																					
Grid Location ft.    N.    S.                                  ft.    E.    W.		City, State, Zip Code <b>Friendship, WI 53934</b>																					
Civil Town Name <b>Strong's Prairie</b>		Facility Well No. and/or Name (If Applicable) <b>B- 102</b>	WI Unique Well No.																				
Street Address of Well <b>1420 State Hwy 21</b>		Reason for Abandonment: <b>Sampling completed</b>																					
City, Village <b>Friendship</b>		Date of Abandonment <b>November 23, 2015</b>																					
WELL/DRILLHOLE/BOREHOLE INFORMATION																							
<p>(3) Original Well/Drillhole/Borehole Construction Completed On:</p> <p>(Date)                      <b>11/23/2015</b></p> <table style="width:100%; border: none;"> <tr> <td style="width: 20%; border-right: 1px solid black; padding-right: 5px;"> Monitoring Well  Water Table  Drillhole  <b>X</b> Borehole </td> <td style="padding-left: 5px;"> Construction Report Available?  <b>X</b> Yes    No  (Soil Boring Log) </td> </tr> </table> <p>Construction Type:  <b>X</b> Drilled    Driven (Sandpoint)    Dug  Other (Specify)    <b>Hollow stem auger</b></p> <p>Formation Type:  <b>X</b> Unconsolidated Formation    Bedrock</p> <p>Total Well Depth (ft.) <b>27</b>                      Casing Diameter (in.) _____  (From Groundsurface)</p> <p>Casing Depth (ft.)                      <b>n/a</b></p> <p>Was Well Annular Space Grouted?                      Yes    <b>X</b> No    Unknown  If Yes, To What Depth?                      _____ Feet</p>		Monitoring Well Water Table Drillhole <b>X</b> Borehole	Construction Report Available? <b>X</b> Yes    No (Soil Boring Log)	<p>(4) Depth to Water (feet)                      <u>~22'</u></p> <p>Pumping &amp; Piping Removed?                      Yes    No    <b>X</b> Not Applicable  Liner(s) Removed?                      Yes    No    <b>X</b> Not Applicable  Screen Removed?                      Yes    No    <b>X</b> Not Applicable  Casing Left in Place?                      Yes    No    <b>X</b> Not Applicable  If No, Explain: _____</p> <p>Was casing Cut Off Below Surface?                      Yes    No    <b>X</b> Not Applicable  Did Sealing Material Rise to Surface?                      Yes    <b>X</b> No    Not Applicable  Did Material Settle After 24 Hours?                      Yes    <b>X</b> No    Not Applicable  If Yes, Was Hole Retopped?                      Yes    No    <b>X</b> Not Applicable</p> <p>(5) Required Method of Placing Sealing Material  <b>X</b> Conductor Pipe-Gravity    Conductor Pipe-Pumped  Dump Bailer    Other (Explain)</p> <p>(6) Sealing Materials                      For monitoring wells and monitoring well boreholes only</p> <table style="width:100%; border: none;"> <tr> <td style="width: 50%;"> Neat Cement Grout  Sand-Cement (Concrete) Grout  Concrete  Clay-Sand Slurry  Bentonite-Sand Slurry  <b>X</b> Chipped Bentonite </td> <td style="width: 50%;"> Bentonite Pellets  Granular Bentonite  Bentonite - Cement Grout </td> </tr> </table>		Neat Cement Grout Sand-Cement (Concrete) Grout Concrete Clay-Sand Slurry Bentonite-Sand Slurry <b>X</b> Chipped Bentonite	Bentonite Pellets Granular Bentonite Bentonite - Cement Grout																
Monitoring Well Water Table Drillhole <b>X</b> Borehole	Construction Report Available? <b>X</b> Yes    No (Soil Boring Log)																						
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<p>(7) Sealing Material Used</p> <table style="width:100%; border: none;"> <tr> <th style="width: 30%;">From (ft.)</th> <th style="width: 30%;">To (ft.)</th> <th style="width: 20%;">No. Yards, Sacks Sealant or Volume</th> <th style="width: 20%;">Mix Ratio or Mud Weight</th> </tr> <tr> <td><b>Chipped Bentonite</b></td> <td><b>0</b></td> <td><b>27</b></td> <td><b>9.42 ft<sup>3</sup></b></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight	<b>Chipped Bentonite</b>	<b>0</b>	<b>27</b>	<b>9.42 ft<sup>3</sup></b>													<p>(8) Comments: _____</p> <p>_____</p>	
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight																				
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<p>(9) Name of Person or Firm Doing Sealing Work <b>Ayres Associates</b></p> <table style="width:100%; border: none;"> <tr> <td style="width: 50%;">Signature of Person Doing Work <b>William Honea</b> for PSI</td> <td style="width: 50%;">Date Signed <b>11/23/2015</b></td> </tr> <tr> <td>Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b></td> <td>Telephone Number <b>262.522.4924</b></td> </tr> <tr> <td colspan="2">City, State, Zip Code <b>Waukesha, WI 53188</b></td> </tr> </table>		Signature of Person Doing Work <b>William Honea</b> for PSI	Date Signed <b>11/23/2015</b>	Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b>	Telephone Number <b>262.522.4924</b>	City, State, Zip Code <b>Waukesha, WI 53188</b>		<p>(10) <b>FOR DNR OR COUNTY USE ONLY</b></p> <table border="1" style="width:100%; height: 100px; border-collapse: collapse;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>															
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City, State, Zip Code <b>Waukesha, WI 53188</b>																							

Route to:  
Watershed/Wastewater      Waste Management      " "  
Remediation/Redevelopment      Other      " "

Page 1 of 1

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150				Boring Number B-103						
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/20/2015 M/D/Y		Date Drilling Completed 11/20/2015 M/D/Y		Drilling Method 4 1/2 " HSA						
WI Unique Well No. NA		DNR Well Id No. NA		Well Name NA		Final Static Water Level NA		Surface Elevation 959.52		Borehole Dia. 8 "				
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741393.227 N, 2010441.101 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. ____ ° ____ ' ____ " ----- Long. ____ ° ____ ' ____ "		Local Grid Location (If applicable) " N " E Feet " S Feet " W								
Facility Id. 701040560		County Adams		County Code 01		Civil Town/City/or Village Town of Strongs Prairie								
SAMPLE				SOIL PROPERTIES										
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	p 200	RQD/Comments
1 SS	24 18	1 2 2 2	-1 -2 -3 -4 -5	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND	OL SM					M				Lacustrine
2 SS	24 20	3 3 3 3	-6 -7 -8 -9 -10							M				Lacustrine
3 SS	24 20	3 5 7 8	-11 -12 -13 -14 -15	med-dense; brown (7.5 YR 5/4)						M				Lacustrine
4 SS	24 20	3 6 12 18	-16 -17 -18 -19 -20	CLAYEY SILT (ML); firm; brown (7.5 YR 5/4); moist	ML					M				Lacustrine
5 SS	24 18	13 22 32 53	-21 -22 -23 -24 -25	SAND with SILT (SM); very dense; brown (7.5 YR 5/4); wet; fine SAND End of boring 22 ft bgs (elevation 937.52')	SM					W				Lacustrine

▼  
GW encountered @ 21' during drilling  
Elevation 938.52'

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

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
---	--------------------------

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All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME							
Well/Drillhole/Borehole Location <b>B-103</b>	County <b>Adams</b>	Original Well Owner (If Known)							
SE 1/4, NE 1/4, Sec. 13 T18N, R05E		Present Well Owner <b>Adams County Solid Waste Department</b>							
(If Applicable) Gov't Lot _____ Grid Number _____		Street or Route							
Grid Location ft.    N.    S.                                  ft.    E.    W.		City, State, Zip Code <b>Friendship, WI 53934</b>							
Civil Town Name <b>Strong's Prairie</b>		Facility Well No. and/or Name (If Applicable) <b>B- 103</b>	WI Unique Well No.						
Street Address of Well <b>1420 State Hwy 21</b>		Reason for Abandonment: <b>Sampling completed</b>							
City, Village <b>Friendship</b>		Date of Abandonment <b>November 23, 2015</b>							
WELL/DRILLHOLE/BOREHOLE INFORMATION									
(3) Original Well/Drillhole/Borehole Construction Completed On:  (Date) <b>11/23/2015</b>  <table style="width:100%; border: none;"> <tr> <td style="width: 20%; border-right: 1px solid black; padding-right: 5px;">           _____ Monitoring Well            _____ Water Table            _____ Drillhole  <b>X</b> Borehole         </td> <td style="padding-left: 5px;">           Construction Report Available?  <div style="display: flex; justify-content: space-between;"> <span><b>X</b> Yes</span> <span>_____ No</span> </div>           (Soil Boring Log)         </td> </tr> </table> Construction Type: <b>X</b> Drilled      _____ Driven (Sandpoint)      _____ Dug _____ Other (Specify) <b>Hollow stem auger</b>		_____ Monitoring Well _____ Water Table _____ Drillhole <b>X</b> Borehole	Construction Report Available? <div style="display: flex; justify-content: space-between;"> <span><b>X</b> Yes</span> <span>_____ No</span> </div> (Soil Boring Log)	(4) Depth to Water (feet) <u>~21'</u>  Pumping & Piping Removed?                      _____ Yes      _____ No <b>X</b> Not Applicable Liner(s) Removed?                                      _____ Yes      _____ No <b>X</b> Not Applicable Screen Removed?                                      _____ Yes      _____ No <b>X</b> Not Applicable Casing Left in Place?                                  _____ Yes      _____ No <b>X</b> Not Applicable If No, Explain: _____  Was casing Cut Off Below Surface?                      _____ Yes      _____ No <b>X</b> Not Applicable Did Sealing Material Rise to Surface?                      _____ Yes <b>X</b> No      _____ Not Applicable Did Material Settle After 24 Hours?                      _____ Yes <b>X</b> No      _____ Not Applicable If Yes, Was Hole Retopped?                                  _____ Yes      _____ No <b>X</b> Not Applicable					
_____ Monitoring Well _____ Water Table _____ Drillhole <b>X</b> Borehole	Construction Report Available? <div style="display: flex; justify-content: space-between;"> <span><b>X</b> Yes</span> <span>_____ No</span> </div> (Soil Boring Log)								
Formation Type: <b>X</b> Unconsolidated Formation                      _____ Bedrock  Total Well Depth (ft.) <u>22</u> Casing Diameter (in.) _____ (From Groundsurface)  Casing Depth (ft.) <u>n/a</u>  Was Well Annular Space Grouted?                      _____ Yes <b>X</b> No      _____ Unknown If Yes, To What Depth?                      _____ Feet		(5) Required Method of Placing Sealing Material <div style="display: flex; justify-content: space-between;"> <span><b>X</b> Conductor Pipe-Gravity</span> <span>_____ Conductor Pipe-Pumped</span> </div> <div style="display: flex; justify-content: space-between;"> <span>_____ Dump Bailer</span> <span>_____ Other (Explain)</span> </div>							
(7) Sealing Material Used  <b>Chipped Bentonite</b>		From (ft.) <b>0</b>	To (ft.) <b>22</b>						
		No. Yards, Sacks Sealant or Volume <b>7.68 ft<sup>3</sup></b>	Mix Ratio or Mud Weight						
(8) Comments:									
(9) Name of Person or Firm Doing Sealing Work <b>Ayres Associates</b> <table style="width:100%; border: none;"> <tr> <td style="width: 60%; border-bottom: 1px solid black;">           Signature of Person Doing Work  <b>William Honea</b> for PSI         </td> <td style="width: 40%; border-bottom: 1px solid black;">           Date Signed  <b>11/23/2015</b> </td> </tr> <tr> <td style="border-bottom: 1px solid black;">           Street or Route  <b>N17 W24222 Riverwood Drive, Suite 310</b> </td> <td style="border-bottom: 1px solid black;">           Telephone Number  <b>262.522.4924</b> </td> </tr> <tr> <td colspan="2" style="border-bottom: 1px solid black;">           City, State, Zip Code  <b>Waukesha, WI 53188</b> </td> </tr> </table>		Signature of Person Doing Work <b>William Honea</b> for PSI	Date Signed <b>11/23/2015</b>	Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b>	Telephone Number <b>262.522.4924</b>	City, State, Zip Code <b>Waukesha, WI 53188</b>		(10) <b>FOR DNR OR COUNTY USE ONLY</b> <div style="background-color: #cccccc; height: 100px; width: 100%;"></div>	
Signature of Person Doing Work <b>William Honea</b> for PSI	Date Signed <b>11/23/2015</b>								
Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b>	Telephone Number <b>262.522.4924</b>								
City, State, Zip Code <b>Waukesha, WI 53188</b>									

Route to:

Watershed/Wastewater "

Waste Management "

Remediation/Redevelopment "

Other "

Page 1 of 1

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150				Boring Number B-104							
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/23/2015 M/D/Y		Date Drilling Completed 11/23/2015 M/D/Y		Drilling Method 4 1/2 " HSA							
WI Unique Well No. NA		DNR Well Id No. NA		Well Name NA		Final Static Water Level NA		Surface Elevation 967.04		Borehole Dia. 8 "					
Local Grid Origin (estimated: ) or Boring Location ( ) State Plane 741125.59 N, 2010482.527 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. ° ' "		Local Grid Location (If applicable) " N " E Feet " S Feet " W									
Facility Id. 701040560		County Adams		County Code 01		Civil Town/City/or Village Town of Strong's Prairie									
SAMPLE				SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT								SOIL PROPERTIES			
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	USCS		Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	p 200	RQD/Comments	
1 SS	24 18	3 2 2 1	-1 -2 -3 -4 -5	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND		OL SM				M				Lacustrine	
2 SS	24 20	3 3 5 6	-6 -7 -8 -9 -10	med-dense; brown (7.5 YR 5/4)						M				Lacustrine	
3 SS	24 20	5 6 6 8	-11 -12 -13 -14 -15	reddish yellow (7.5 YR 6/6)						M				Lacustrine	
4 SS	24 20	2 4 5 11	-16 -17 -18 -19 -20							M				Lacustrine	
5 SS	24 18	8 11 11 15	-21 -22 -23 -24 -25	brown (7.5 YR 5/4)						M				Lacustrine	
				End of boring 22 ft bgs (elevation 945.04') groundwater not encountered											

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.



All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <b>B-104</b>	County <b>Adams</b>	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E		Present Well Owner <b>Adams County Solid Waste Department</b>	
(If Applicable) Gov't Lot _____ Grid Number _____		Street or Route	
Grid Location ft. N. S. ft. E. W.		City, State, Zip Code <b>Friendship, WI 53934</b>	
Civil Town Name <b>Strong's Prairie</b>		Facility Well No. and/or Name (If Applicable) <b>B- 104</b>	WI Unique Well No.
Street Address of Well <b>1420 State Hwy 21</b>		Reason for Abandonment: <b>Sampling completed</b>	
City, Village <b>Friendship</b>		Date of Abandonment <b>November 23, 2015</b>	

**WELL/DRILLHOLE/BOREHOLE INFORMATION**









(3) Original Well/Drillhole/Borehole Construction Completed On:  (Date) <u>11/23/2015</u>  <table border="0"> <tr> <td>Monitoring Well</td> <td>Construction Report Available?</td> </tr> <tr> <td>Water Table</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Drillhole</td> <td>(Soil Boring Log)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Borehole</td> <td></td> </tr> </table> Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <b>Hollow stem auger</b>		Monitoring Well	Construction Report Available?	Water Table	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Drillhole	(Soil Boring Log)	<input checked="" type="checkbox"/> Borehole		(4) Depth to Water (feet) <u>NA</u>  Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable If No, Explain: _____  Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Monitoring Well	Construction Report Available?										
Water Table	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										
Drillhole	(Soil Boring Log)										
<input checked="" type="checkbox"/> Borehole											
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock  Total Well Depth (ft.) <u>22</u> Casing Diameter (in.) _____ (From Groundsurface)  Casing Depth (ft.) <u>n/a</u>  Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		(5) Required Method of Placing Sealing Material <input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____									
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input checked="" type="checkbox"/> Chipped Bentonite									

(7) Sealing Material Used	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<b>Chipped Bentonite</b>	<b>0</b>	<b>22</b>	<b>7.68 ft<sup>3</sup></b>	

(8) Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(9) Name of Person or Firm Doing Sealing Work <b>Ayres Associates</b> Signature of Person Doing Work <b>William Honea</b> for <b>PSI</b> Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b> City, State, Zip Code <b>Waukesha, WI 53188</b>	Date Signed <b>11/23/2015</b> Telephone Number <b>262.522.4924</b>	
	(10) <b>FOR DNR OR COUNTY USE ONLY</b> <div style="background-color: #cccccc; height: 100px;"></div>	

Page 1 of 2

Facility/Project Name				License/Permit/Monitoring Number				Boring Number						
Adams County Landfill				3150				B-105						
Boring Drilled By: Name of crew chief (first,last) and Firm				Date Drilling Started		Date Drilling Completed		Drilling Method						
First Name: Joe Last Name: Black														
Firm: PSI				11/20/2015 M/D/Y		11/20/2015 M/D/Y		4 1/2 " HSA						
WI Unique Well No. NA		DNR Well Id No. NA		Well Name NA		Final Static Water Level NA		Surface Elevation 970.92		Borehole Dia. 8 "				
Local Grid Origin (estimated: ") or Boring Location "				Lat. ____° ____' ____"		Local Grid Location (If applicable)								
State Plane 741954.001 N, 2010654.202 E				-----		" N " E								
SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Long. ____° ____' ____"		____ Feet " S ____ Feet " W								
Facility Id.		County		County Code		Civil Town/City/or Village								
701040560		Adams		01		Town of Strong's Prairie								
SAMPLE		Blow Counts	Depth in Feet (below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES					RQD/Comments
Number and Type	Length Attr. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1 SS	 24 18	1 1 1 2	- 1 -1 -2	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine to medium SAND	OL SM					M				Lacustrine
			-3 -4 -5											
2 SS	 24 18	4 6 6 8	-6 -7 -8 -9 -10	light brown (7.5 YR 6/4)						M				Lacustrine
			-11 -12 -13 -14 -15											
3 SS	 24 20	4 4 4 7	-11 -12 -13 -14 -15							M				Lacustrine
			-16 -17 -18 -19 -20											
4 SS	 24 20	7 9 11 16	-16 -17 -18 -19 -20							M				Lacustrine
			-21 -22 -23 -24 -25											
5 SS	 24 20	7 9 10 9	-21 -22 -23 -24 -25	medium SAND; (varved appearance)						M				Lacustrine
		13								M				Lacustrine

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
---	--------------------------

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.




# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

B-105 cont.

Page 2 of 2

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES					RDQ/ comment
NUMBER	LENGTH RECOVERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	P-200	
6	SS	24	15	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	CL									Lacustrine
		24	17											
			15											
			-26											
			-27											
			-28											
			-29											
			-30											
7	SS	24	13	SAND with SILT (SM); dense; brown (7.5 YR 5/4); moist; fine to medium SAND	SM									Lacustrine
		24	18											
			19											
			18											
			-31											
			-32											
			-33											
			-34											
			-35											
8	ST	24	10	lean CLAY (CL) very thinly bedded with interbedded seams of SILT. CLAY; very stiff, brown (7.5YR 4/4); moist. SILT; brown (7.5YR 5/4); moist. (varved appearance)	CL									Lacustrine
		24	4											
			6											
			9											
			-36											
			-37											
			-38											
			-39											
			-40											
			-41											
			-42											
			-43											
			-44											
			-45											
			-46											
			-47											
			-48											
			-49											
			-50											
			-51											
			-52											
			-53											
			-54											
			-55											
			-56											
			-57											
			-58											
			-59											

▼  
GW  
encountered  
@ 32' during  
drilling  
Elevation  
938.92'

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$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 144.99 and 162.06, Wis. Stats.



All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION						(2) FACILITY NAME			
Well/Drillhole/Borehole Location <b>B-105</b>			County <b>Adams</b>			Original Well Owner (If Known)			
SE 1/4, NE 1/4, Sec. 13 T18N, R05E						Present Well Owner <b>Adams County Solid Waste Department</b>			
(If Applicable) Gov't Lot    Grid Number						Street or Route			
Grid Location ft.    N.       S.    ft.       E.       W.						City, State, Zip Code <b>Friendship, WI 53934</b>			
Civil Town Name <b>Strong's Prairie</b>						Facility Well No. and/or Name (If Applicable) <b>B- 105</b>			WI Unique Well No.
Street Address of Well <b>1420 State Hwy 21</b>						Reason for Abandonment: <b>Sampling completed</b>			
City, Village <b>Friendship</b>						Date of Abandonment <b>November 23, 2015</b>			

## WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On:	
(Date)	<u>11/23/2015</u>
<u>Monitoring Well</u> <u>Water Table</u> <u>Drillhole</u> <input checked="" type="checkbox"/> Borehole	Construction Report Available?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)
Construction Type:	
<input checked="" type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input type="checkbox"/> Other (Specify)	<u>Hollow stem auger</u>
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth (ft.) <u>37</u>	Casing Diameter (in.) _____
(From Groundsurface)	
Casing Depth (ft.)	<u>n/a</u>
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If Yes, To What Depth?	_____ Feet

(4) Depth to Water (feet)	<u>~32</u>
Pumping & Piping Removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Liner(s) Removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Screen Removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Casing Left in Place?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
If No, Explain:	_____
Was casing Cut Off Below Surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Did Sealing Material Rise to Surface?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable
Did Material Settle After 24 Hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable
If Yes, Was Hole Retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable

(5) Required Method of Placing Sealing Material	
<input checked="" type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input type="checkbox"/> Dump Bailer	<input type="checkbox"/> Other (Explain)

(6) Sealing Materials	For monitoring wells and monitoring well boreholes only
<input type="checkbox"/> Neat Cement Grout	
<input type="checkbox"/> Sand-Cement (Concrete) Grout	
<input type="checkbox"/> Concrete	<input type="checkbox"/> Bentonite Pellets
<input type="checkbox"/> Clay-Sand Slurry	<input type="checkbox"/> Granular Bentonite
<input type="checkbox"/> Bentonite-Sand Slurry	<input type="checkbox"/> Bentonite - Cement Grout
<input checked="" type="checkbox"/> Chipped Bentonite	

(7)	Sealing Material Used	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
	<b>Chipped Bentonite</b>	<b>0</b>	<b>37</b>	<b>12.91 ft³</b>	

(8) Comments: \_\_\_\_\_

(9)	Name of Person or Firm Doing Sealing Work <b>Ayres Associates</b>	
	Signature of Person Doing Work <b>William Honea</b> for PSI	Date Signed 11/23/2015
	Street or Route N17 W24222 Riverwood Drive, Suite 310	Telephone Number 262.522.4924
	City, State, Zip Code Waukesha, WI 53188	

Route to:  
Watershed/Wastewater      Waste Management      "  
Remediation/Redevelopment      Other      "

Page 1 of 1

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150				Boring Number B-106							
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/20/2015 M/D/Y		Date Drilling Completed 11/20/2015 M/D/Y		Drilling Method 4 1/2 " HSA							
WI Unique Well No. NA		DNR Well Id No. NA		Well Name NA		Final Static Water Level NA		Surface Elevation 962.82		Borehole Dia. 8 "					
Local Grid Origin (estimated: ") or Boring Location " State Plane 741392.204 N, 2010654.573 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. ____ ° ____ ' ____ " -----		Local Grid Location (If applicable) ____ " N ____ " E ____ Feet ____ " S ____ Feet ____ " W									
Facility Id. 701040560		County Adams		County Code 01		Civil Town/City/or Village Town of Strongs Prairie									
SAMPLE			Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES					RQD/Comments	
Number and Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1 SS	<del>24</del> 20	2 1 2 2	-1 -2 -3 -4 -5	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND	OL SM					M					Lacustrine
2 SS	<del>24</del> 24	3 3 5 5	-6 -7 -8 -9 -10	fine SAND						M					Lacustrine
3 SS	<del>24</del> 20	3 3 4 4	-11 -12 -13 -14 -15							M					Lacustrine
4 SS	<del>24</del> 24	5 9 11 11	-16 -17 -18 -19 -20							M					Lacustrine
5 SS	<del>24</del> 20	8 5 7 8	-21 -22	SILTY CLAY (CL/ML); stiff; brown (7.5 YR 5/4); moist Sampled with shelly tube from 22-24' but did not get recovery from the clay unit	CL/ML					M					Lacustrine
6 ST	<del>24</del> 24	NA	-23 -24	End of boring @ 22 ft bgs (elevation 940.82') SAND with SILT (SM); dense; brown (7.5 YR 5/4); moist	SM					M					Lacustrine
			-25	ground water not encountered											

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <b>B-106</b>	County <b>Adams</b>	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E		Present Well Owner <b>Adams County Solid Waste Department</b>	
(If Applicable) Gov't Lot _____ Grid Number _____		Street or Route	
Grid Location ft. N. S. ft. E. W.		City, State, Zip Code <b>Friendship, WI 53934</b>	
Civil Town Name <b>Strong's Prairie</b>		Facility Well No. and/or Name (If Applicable) <b>B- 106</b>	WI Unique Well No.
Street Address of Well <b>1420 State Hwy 21</b>		Reason for Abandonment: <b>Sampling completed</b>	
City, Village <b>Friendship</b>		Date of Abandonment <b>November 23, 2015</b>	

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

(3) Original Well/Drillhole/Borehole Construction Completed On:  (Date) <u>11/23/2015</u>  <table border="0"> <tr> <td>Monitoring Well</td> <td>Construction Report Available?</td> </tr> <tr> <td>Water Table</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Drillhole</td> <td>(Soil Boring Log)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Borehole</td> <td></td> </tr> </table> Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <b>Hollow stem auger</b>		Monitoring Well	Construction Report Available?	Water Table	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Drillhole	(Soil Boring Log)	<input checked="" type="checkbox"/> Borehole		(4) Depth to Water (feet) <u>NA</u>  Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable If No, Explain: _____  Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Monitoring Well	Construction Report Available?										
Water Table	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										
Drillhole	(Soil Boring Log)										
<input checked="" type="checkbox"/> Borehole											
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock  Total Well Depth (ft.) <u>22</u> Casing Diameter (in.) _____ (From Groundsurface)  Casing Depth (ft.) <u>n/a</u>  Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		(5) Required Method of Placing Sealing Material <input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____									
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input checked="" type="checkbox"/> Chipped Bentonite									

(7) Sealing Material Used	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<b>Chipped Bentonite</b>	<b>0</b>	<b>22</b>	<b>7.68 ft<sup>3</sup></b>	

(8) Comments: \_\_\_\_\_

(9) Name of Person or Firm Doing Sealing Work <b>Ayres Associates</b> Signature of Person Doing Work <b>William Honea</b> for <b>PSI</b> Street or Route <b>N17 W24222 Riverwood Drive, Suite 310</b> City, State, Zip Code <b>Waukesha, WI 53188</b>	(10) <b>FOR DNR OR COUNTY USE ONLY</b>	







# FIELD BORING LOG

Sheet 1 Of 2

**SCHOFIELD, WISCONSIN**

FOR \_\_\_\_\_ F&VD

Adams County Landfill

Job No. 1084

### LOCATION

Adams County, WI

Elev.

Boring No. MW-1P

## GROUND While drilling

Time after drilling 1 day

Start 7-15-87

**WATER** Before casing removal

Depth to water 23.1

Unit 45-B

### After casing removal

### Depth to cave-in

Chief L. E.

### Depth to cave-in

Chief L. E.

[illegible]

# FIELD BORING LOG

Sheet 2 of 2

**SCHOFIELD, WISCONSIN**

FOR        F&VD

Adams County Landfill

**LOCATION**

Adams Co., WI

Elev.

Job No. 1084

Boring No. MW-1P

**GROUND** While drilling

**Before casing removal**

WATER After casing removal

Time after drilling

Depth to water

Depth to cave-in

Start 7-15-87

Unit 45-B

Chief LE

Sample No.	Moisture	Stems on Sample		Sample Recovery	Total Stems	VISUAL FIELD CLASSIFICATION AND REMARKS	Coring/Probe		Unconsolidated Strength	Recovery	Stems on		Drilling Method
		9/6	9/12				Weight	Drop			Coring	Probe	
2	W	9 24	22	.9	46		140# 30"						
3	W	8 23	17	.9	40								
4	W	11 24	18	1.0	42								
5	W	15 23	22	1.0	45								
6	W	20 42	38	1.0	80	E.O.B. @ 71.5' Well Set @ 70.0'							▼



















## FIELD BORING LOG

Sheet 1 of 1

SCHOFIELD, WISCONSIN

**FOR** Foth & Van Dyke Adams County Landfill

**LOCATION** Adams County

Elev.

Job No. 875

Boring No. MW-3P

**GROUND** While drilling

### Time after drilling

**WATER** Before casing removal

**Depth to water**

### After casing removal

### Depth to cave-in

Start 6-12-86

Unit 45-C

Chief J.W.

Depth to cave-in						Chief		J.W.				
Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Depth Weight 140# Drop 30"	Unconfined Strength	Boulders	Notes on		Drilling Method
		6/8	4/16							Casing Size	Probe 4" Size	
						0-40' see MW-3 Log						Tri-Cone & Mud
1	W	22 26	24	1.2	50	45 Rd-Brn. SAND, M-F, W/Trace Silt (SP)	45					
2	W	17 30	25	1.0	55		50					
3	W	100	1.0	.5	100		55					
4	W	100	.8	.5	100		60					
5	W	100	1.0	.8	100		65					
6	W	100	.8	.3	100	E.O.B. 70.8' Well Set at 70.0'	70					
							75					
							80					
							85					







**WISCONSIN TEST DRILLING, INC.**

# FIELD BORING LOG

Sheet 2 Of 2

SCHOFIELD, WISCONSIN

FOR Eoth & Van Dyke

Adams County Landfill

**Job No.** 875

**LOCATION**

Elev.

Boring No. MW-6

### GROUND While drilling

### Time after drilling

Start 6-9-86

[illegible]

**Depth to water**

Unit 45-C

### After casing removal

### Depth to cave-in

Chief J.W.

[illegible]



SCHOFIELD, WISCONSIN

FOR Föth &amp; Van Dyke

Adams County Landfill

Job No. 875

LOCATION Adams County - Jensen Property

Elev.

Boring No. MW-6P

GROUND While drilling

Time after drilling

Start 6-9-86

WATER Before casing removal

Depth to water

Unit 45-C

After casing removal

Depth to cave-in

Chief J.W.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe Weight 140# Drop 30"	Unconfined Strength	Boulders	Blows on		Drilling Method
		6/8	6/18							Casing Size	Probe 4" Size	
						0-50' See MW-6 Log						Tri-Cone Mud
						53.0'						
						Brn SAND, F-M, Trace Silt (SP)						
1	W	19	19	.8	55			55				
		28			47							
2	W	100	1.2		60			60				
				.9	100							
3	W	100	1.0		65			65				
				.8	100							
4	W	39	29		70			70				
		38		1.0	67							
5	W	100	.8		75			75				
				.5	100							
6	W	20	26		80			80				
		37		.5	63							
7	W	100	1.0	.5	85			85				
8	W	100	.5	.3	90			90				
9	W	100	1.0	.5	95			95				
10	W	100	.8	.5	100							

Well Set at 72.2'

E.O.B. 100.8'



## FIELD BORING LOG

Sheet 1 Of 1

**FOR** Foth & Van Dyke

Adams County Landfill

Job No. 875

**LOCATION** Adams County - Jensen Property

Elev. 966.06

Boring No. MW-7

**GROUND** While drilling

26.0'

Time after drilling  $\frac{1}{2}$  hr.

6-10-86

**WATER** Before casing removal

—

Depth to water 25.4'

Unit Bomb.

### After casing removal

### Depth to cave-in

Chief T.K.

Chief T.K.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		6/6	6/12				Weight	Drop			Casing Size	Probe Size	
						Brn SAND, F-V.F., Uniform (SP)							HSA
1	D	4	4	1.4	9								
2	D	9	12	1.4	24								
3	D	8	11	1.4	24								
4	D	100	1.2	1.0	100								
5	W	100	1.3	1.2	100	Brn SAND, W/Silt (SM)	25.0'						
						Brn SAND, F-V.F. (SP)	26.0'						
						Brn Silty SAND, F-V.F., W/Trace of CLAY (SM)	28.5'						
6	W	12	9	1.4	18								
7	W	5	8	1.4	20	Rd Mottled CLAY, Brn-Gray SILT, Laminated, W/Thin Sand Seams 1/4-1/8" (CL,ML)	36.0'						
						E.O.B. 36.5'							
						Well Set at 33.8'							



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Poth & Van Dyke Adams County Landfill

Job No. 875

LOCATION Adams County Elev. 966.06

Boring No. MW-7P

GROUND	While drilling	Time after drilling	Start 6-10-86
WATER	Before casing removal	Depth to water	Unit 45-C
	After casing removal	Depth to cave-in	Chief J.W.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe Weight 140# Drop 30"	Unconfined Strength	Boulders	Blows on		Drilling Method
		8/8	4/12							Casing Size	Probe Size 4"	
						0-35' See MW-7 Log						Tri
1	TWT		.2		40			40				Cone
												Mud
2	W	20	26	1.0	76	45 Rd-Brn. SAND, M-F, W/Trace Silt (SP)		45				
		50										
3	W	11	20	1.2	38			50				
		18										
4	W	100	1.2	1.0	100			55				
5	W	100	1.0	.4	100			60				
6	W	100	.8	.5	100	65 E.O.B. 65.8'		65				
						Well Set at 62.7'						
								70				
								75				
								80				
								85				



**WISCONSIN TEST DRILLING, INC.**

**FIELD BORING LOG**

Sheet 1 Of 2

**SCHOFIELD, WISCONSIN**

**FOR** Foth & Van Dyke Adams County Landfill

**Job No.** 875

**LOCATION** Adams County - Jensen Property **Elev.** 980.98

**Boring No.** MW-8

<b>GROUND</b>	While drilling	<u>44.0'</u>	Time after drilling	<u>1/4 hr.</u>	<b>Start</b> <u>6-12-86</u> <b>Unit</b> <u>Bomb</u> <b>Chief</b> <u>T.K.</u>
<b>WATER</b>	Before casing removal		Depth to water	<u>39.6'</u>	
	After casing removal		Depth to cave-in	<u>--</u>	

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/6	4/12				Weight	Drop			Casing	Probe	
							<u>140#</u>	<u>30"</u>					
						Brn. SAND, F-V.F. (SP)							HSA
1	D	3	3	14	5								
		4			7								
2	D	5	6	14	10								
		9			15								
3	D	3	7	14	15								
		7			14								
4	D	4	6	14	20								
		7			13								
5	M	5	7	14	25								
		9			16	Brn. SAND, F, W/Silt (SM)							
						26.0'							
6	D	30	35	14	30								
		30			65								
7	M	100	1.0	.6	100								
8	M	100	.7	.5	100								
9	W	12	17	14	45								
		24			41								



# FIELD BORING LOG

Sheet 2 Of 2

**SCHOFIELD, WISCONSIN**

**FOR** Foth & Van Dyke Adams County Landfill

**Job No.** 875

**LOCATION** Adams County - Jensen Property **Elev.**

Boring No. MW-8

### GROUND While drilling

### Time after drilling

1 hr.

Start 6-12-86

**WATER** Before casing removal

**Depth to water**

39.6'

Unit	Bomb
------	------

### After casing removal

### Depth to cave-in

None

Chief T.K.

[illegible]



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Roth & Van Dyke Adams County Landfill

LOCATION Adams County - Jensen Property Elev. 963.08

Job No. 875

Boring No. MW-9

GROUND	While drilling	21.0'	Time after drilling	1 hr.	Start	6-10-86
WATER	Before casing removal		Depth to water	20.8'	Unit	Bomb
	After casing removal		Depth to cave-in	--	Chief	T.K.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/6	4/18				Weight	Drop			Casing Size	Probe Size	
						Brn. SAND, F-V.F. (SP)	140#	30"					HSA
1	D	5	6	14	14	5							
		8				8.5'							
2	M	3	5	14	14	10							
		9				Brn. Silty SAND, F, W/Trace Clay (SM)							
3	D	13	12	14	30	15							
		18				18.5'							
4	W	5	15	14	43	20							
		28				Brn. SAND, F-V.F., Trace Silt (SP)							
						23.0'							
5	W	3	4	14	12	25							
		8				Brn. Silty SAND, F., W/Trace Clay (SM)							
						28.0'							
6	W	4	7	14	18	30							
		11				Rd. CLAY, Mottled w/Brn-Gray SILT, Laminated, W/Thin Sand Seams (CL,ML)							
						32.0'							
						Brn. Sandy SILT, Some Clay (ML)							
7	W	27	32	14	68	35							
		36				36.0'							
						Brn. SAND, F-V.F. (SP)							
8	W	32	46		68	40							
		22				E.O.B. 41.5'							
						Set Well at 28.2'							
						45							
						50							



**WISCONSIN TEST DRILLING, INC.**

# FIELD BORING LOG

Sheet 1 Of 1

**SCHOFIELD, WISCONSIN**

FOR F&VD Adams County

Job No. 907

**LOCATION** Jensen Property

Elev.

Boring No. MW-16

## GROUND While drilling

### Time after drilling

 $\frac{1}{4}$  hr.

Start 8-11-86

**WATER** Before casing removal

**Depth to water**

22.0'

Unit	Bomb
------	------

WATER After casing removal

### Depth to cave-in

Chief T.K.

[illegible]



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR F&VD Adams County

LOCATION Jensen Site

Elev.

Job No. 907

Boring No. MW-17

GROUND	While drilling	42'	Time after drilling	1Hr.	Start 8-11-86	
	Before casing removal		Depth to water	37'		Unit Bomb
	After casing removal		Depth to cave-in			Chief T.K.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/6	6/12				Weight	Drop			Casing Size	Probe Size	
						Brn. SAND, M-F, Trace Silt (SP)	140#	30"					HSA
						-----							
						Lt. Brn. SAND, M-F, Tr. Silt (SP)							
1	D	7	6	15	5								
		6			12								
2	D	4	4	15	10								
		7			11								
3	D	4	4	15	15								
		7			11								
4	D	5	7	15	20								
		9			16								
5	M	8	8	15	25	Lt. Brn. SAND, F, Mottled, Tr. Silt (SP)							
		10			18								
6	M	6	6	15	30								
		6			12								
7	M/W	13	7	15	35								
		29			36	Brn. SILT W/Clay (ML-CL)							
8	M/W	9	29	15	40	Brn. Silty SAND, M, W/Clay & Silt Lenses (SM, ML, CL)							
		20			49								
9	W	5	6	15	45	Brn. Laminated SILT, Red Clay, w/Sand Lenses (ML, CL, SM)							
		11			17								
10		100/	1.1		50	E.O.B. 51.1'							







Sheet \_\_\_\_\_ Of \_\_\_\_\_

Boring No. MW-17P

<b>GROUND</b>	While drilling	Time after drilling	1 day	Start	7-13-87
	Before casing removal	Depth to water	44.8'	Unit	45-B
<b>WATER</b>	After casing removal	Depth to cave-in		Chief	L. E.

[illegible]



Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing / Probe	Unconfined Strength	Boulders	Blows on		Drilling Method
		0/6	6/18				Weight Drop			Size	Probe Size	
						Lt. Brn. SAND, F-M, Trc. Silt (SP)	140# 30"					HSA
1	M	8 13	11	1.5	24							
2	M	4 5	4	1.5	9	Brn. Silty SAND, (SM)						
3	M	8 29	13	1.5	42	Lt. Brn. SAND, F-VF (SP)						
4	M	10 38	31	1.5	69	Lt. Brn. SAND, F-VF, SP) w/2" Brn. Silt Lense						
5	W	5 7	6	1.5	13	w/Brn. Silt Lenses (2")						
6	W	4 5	5	1.5	10	Gray SILT, Laminated, Red Clay and Lt. Brn. SAND (ML, CL, SM)						
7	W	10 23	18	.5	41	Brn. SAND, F-M (SP) E.O.B. 35.5'						



[illegible]



WISCONSIN TEST DRILLING, INC.

# FIELD BORING LOG

Sheet 2 Of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County

Job No. 907

LOCATION Jensen Property

Elev.

Boring No. MW-18P

GROUND While drilling

Time after drilling

Start 8-12-86

WATER Before casing removal

Depth to water

Unit Bomb

After casing removal

Depth to cave-in

Chief T.K.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		8/8	4/18				Weight	Drop			Casing Size	Probe Size	
						Brn. SAND, F (SP), Dense Uniform							Tri- Cone Mud
3	4	20	30	1.0	55				55				
		33			63	Brn. Uniform SAND, F, Dense (SP)							
4	W	23	23	1.0	60				60				
		26			49	E.O.B. 62.0'							
					65				65				
					70				70				
					75				75				
					80				80				
					85				85				
					90				90				
					95				95				
					100				100				



**WISCONSIN TEST DRILLING, INC.**

# FIELD BORING LOG

Sheet 1 Of 1

**SCHOFIELD, WISCONSIN**

FOR E&VD

Adams County Landfill

### LOCATION

Adams County, WI

Elev.

Job No. 1084

Boring No. MW-19

**GROUND** While drilling

Time after drilling 1 day

Start 7-15-87

WATER

### Before casing removal

**Depth to water**

Unit 45-B

### After casing removal

### Depth to cave-in

Chief L.E.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		6/6	6/12				Weight	Drop			Casing Size	Probe Size	
						TOPSOIL 0.3'							HSA
						Brown SAND M-F							
1	D	3 7	5	1.3	12	5 5.0' 5							
						Light Brown SAND Fine							
2	D	7 6	5	1.4	11	10 10							
3	D	12 20	9	1.4	29	15 15							
4	W	11 8	5	1.3	11	20 20.0' 20							
						Brown Sandy SILT, Trace Clay							
5	W	10 18	18	1.4	36	25 26.0' 25							
						Brown Fine SAND							
6	W	15 8	7	1.2	15	30 30.5' 30							
						Brown Sandy SILT, Trace Clay							
						35 E.O.B. @ 35.0' 35							▼
						Well Set @ 30.0'							
						40 40							
						45 45							



ECHOFIELD, WISCONSIN

FOR E&VD

Adams County Landfill

### LOCATION

Adams County, WI

Elev.

Job No. 1084

Boring No. MW-19P

## GROUND

### While drilling

Time after drilling

1 day

Start 7-15-87

## WATER

**Before casing removal**

Depth to water

28.8°

Unit 45-B

After casing removal

### Depth to cave-in

Chief L. E.

Sample No.	Moisture	Blows on Sampler		Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe		Unconfined Strength	Boulders	Blows on		Drilling Method
		0/6	0/12				Weight	Drop			Casing Size	Probe Size	
						(See Log MW-19)							TRI-CONE & MUD
1	W	1	1	.7	12	35.0'							
2	W	8	20	1.0	41								
3	W	12	28	1.0	60								



# FIELD BORING LOG

Sheet 2 of 2

**SCHOFIELD, WISCONSIN**

FOR F&VD

Adams County Landfill

LOCATION

Adams Co., WI

Elev.

Job No. 1084

Boring No. MW-19P

**GROUND**

## While drilling

Time after drilling

1 day

Start 7-15-87

**WATER**

### Eastern analog removal

Depth to water

28.8

Unit 45-B

After ending removal

Depth to cave-in

Chief L. L. L.

[illegible]

LOG OF TEST BORING NO.: MW-20								SURFACE ELEVATION: 969.44		
CLIENT: ADAMS COUNTY PROJECT: ADAMS COUNTY DEMO LANDFILL PROJECT NUMBER: 89A18 LOCATION: 114+55M 105+80E								BORING DEPTH: 40.5'		
								DATE: 3/8/89		
MSL ELEV	DEPTH FR LND SURF	SAMP DEPTH INTERVAL	TYPE	#	N	REC (ft)	DESCRIPTION OF MATERIAL	CLASS	LABORATORY TESTS	DRILLING AND SAMPLING NOTES
969.44	-- 0									
		2.5-4	SS	1	11	1.5	SAND, well rnd., clean, non plastic, (10YR 6/4)	SP		
964.44	-- 5	5-6.5	SS	2	12	1.5	Same as above	SP		
959.44	-- 10	10-11.5	SS	3	15	1.5	Same as above	SP		
954.44	-- 15	15-16.5	SS	4	11	1.5	Clayey SILT, plastic, traces of plant matter (stem or root), (10YR 5/4)	MH		
949.44	-- 20	20-21.5	SS	5	76	1.5	Very fine SAND with silt sized particles, non plastic, (10YR 7/3)	SM		
944.44	-- 25	25-26.5	SS	6	76	1.5	Same as above	SM		
939.44	-- 30	30-31.5	SS	7	82	1.5	Clayey SILT, plastic, moist, bottom 3 inches of split spoon is non clayish, (10YR 5/3)	MH ML		Samples became saturated at 30.5'
934.44	-- 35	35-36.5	SS	8	46	1.5	Top 1-foot of split spoon is SILT (same as above). Bottom 6 inches is a varved CLAY, varved colors of (10YR 5/3) & (10YR 4/6)	CL		
929.44	-- 40	39-40.5	SS	9	56	1.5	Varved CLAY, (10YR 5/3) & (5YR 4/6)			
							EOB 40.5'			
924.44	-- 45									
919.44	-- 50									
914.44	-- 55									
DRILLING DATA								WATER LEVEL INFORMATION		
START DATE: 2/23/89 COMPLETION DATE: 2/23/89 LOGGED BY: LDA DRILLING METHOD: 4 1/4" I.D. HSA DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)								DEPTH AT COMPLETION: LATER TIME/DEPTH: LATER TIME/DEPTH: CAVE IN DEPTH: DRILLING LOSSES:		



LOG OF TEST BORING NO.: MW-21								SURFACE ELEVATION: 964.81		
CLIENT: ADAMS COUNTY PROJECT: ADAMS COUNTY DEMO LANDFILL PROJECT NUMBER: 89A18 LOCATION: 116+30N 105+70E								BORING DEPTH: 33.5'		
								DATE: 3/8/89		
MSL ELEV	DEPTH FR LND SURF	SAMP DEPTH INTERVAL	TYPE	#	N	REC (ft)	DESCRIPTION OF MATERIAL	CLASS	LABORATORY TESTS	DRILLING AND SAMPLING NOTES
964.81	--0									
		2.5-4	SS	1	15	1.5	Fine SAND, well rnd., clean, non plastic, trace of plant stem or root, (10YR 6/4)			
959.81	--5	5-6.5	SS	2	10	1.5	Same as above	SP		
954.81	--10	10-11.5	SS	3	12	1.5	SILT, non plastic, trace of plant matter, (10YR 4/4); Top 6" of split spoon is same as sample 1&2	----- ML		
949.81	--15	15-16.5	SS	4	100	1.4	SILT, non plastic, color has become more yellow, (10YR 6/4)	ML		
944.81	--20	20-21.5	SS	5	80	1.5	SILT to a very fine SAND, non plastic, top 0.8' of split spoon (10YR 4/4); Bottom 0.7' of split spoon is (10YR 6/4)	ML/ SM		
939.81	--25	25-26.5	SS	6	49	1.5	SILT, very moist, non plastic, (10YR 5/3); Bottom 4" has thin organic layers, non plastic, not as moist as above silt, (10YR 6/3)	ML		Samples became saturated at 25.5'
934.81	--30	30-31.5	SS	7	24	1.5	Clayey SILT at top of split spoon sample turns to a varved CLAY, (10YR 5/3)	MH ----- CL		
							EOB 33.5'			
929.81	--35									
924.81	--40									
919.81	--45									
914.81	--50									
909.81	--55									
<b>DRILLING DATA</b> START DATE: 2/23/89 COMPLETION DATE: 2/23/89 LOGGED BY: LDA DRILLING METHOD: 4 1/4" I.D. HSA DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)								<b>WATER LEVEL INFORMATION</b> DEPTH AT COMPLETION: LATER TIME/DEPTH: LATER TIME/DEPTH: CAVE IN DEPTH: DRILLING LOSSES:		


LOG OF TEST BORING NO.: MW-22										SURFACE ELEVATION: 963.85		
CLIENT: ADAMS COUNTY PROJECT: ADAMS COUNTY DEMO LANDFILL PROJECT NUMBER: 89A18 LOCATION: 116+50N 104+15E										BORING DEPTH: 36.5		
										DATE: 3/8/89		
MSL ELEV	DEPTH FR LND SURF	SAMP DEPTH INTERVAL	TYPE	#	N	REC (ft)	DESCRIPTION OF MATERIAL	CLASS	LABORATORY TESTS	DRILLING AND SAMPLING NOTES		
963.85	--0											
		2.5-4	SS	1	12	1.5	SAND, fine grained, well rnd., clean, non plastic, live roots found in split spoon, (10YR 6/4)	SP				
958.85	--5	5-6.5	SS	2	10	1.5	Same as above	SP				
953.85	--10	10-11.5	SS	3	15	1.3	Same as above except color has become more brown, (10YR 6/3)	SP		Split spoon had 1/2"-diameter live root, 5" long		
948.85	--15	15-16.5	SS	4	14	1.2	SAND, fine grained with some fine sand to silt sized particles, non plastic, (10YR 6/3)	SM		More live roots found in split spoon		
943.85	--20	20-21.5	SS	5	25	1.5	Very fine SAND, many silt sized particles, non plastic, top 1', (10YR 7/3); Silty CLAY, bottom 6", plastic, very moist, (10YR 5/4)	SM CL				
938.85	--25	25-26.5	SS	6	16	1.5	Silty CLAY, plastic, very moist, 2 different colored layers, (10YR 5/4) & (5YR 4/4)	CL		(5YR 4/4) layers upto 1/4" thick; (10YR 5/4) upto 2-3" thick		
933.85	--30	30-31.5	SS	7	24	1.5	Varved CLAY with some silt to med. sand layers upto 1" thick. Silt & sand layers are generally clean & non plastic, color of varved clay is (10YR 5/4) & (5YR 4/4)	CL				
928.85	--35	35-36.5	SS	8	100	1.1	Varved CLAY, (10YR 5/4)&(5YR 4/4): Bottom 3" of split spoon is a med. grained, well rnd sand, like that in sample 7 above, color of sand (10YR 6/4)	CL				
923.85	--40						EOB 36.5'					
918.85	--45											
913.85	--50											
908.85	--55											
DRILLING DATA										WATER LEVEL INFORMATION		
START DATE: 2/24/89 COMPLETION DATE: 2/24/89 LOGGED BY: LDA DRILLING METHOD: 4 1/4" I.D. HSA DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)										DEPTH AT COMPLETION: LATER TIME/DEPTH: LATER TIME/DEPTH: CAVE IN DEPTH: DRILLING LOSSES:		



This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$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 144.99 and 162.06, Wis. Stats.

Boring Number **MW-25** Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number	Length (in) Recovered								Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
7	18	12 14 17	32.5	End of boring at 36.5 ft.				31	W					
8	18	19 35 43	35.0				78	W						
			37.5											
			40.0											
			42.5											
			45.0											
			47.5											
			50.0											
			52.5											
			55.0											
			57.5											
			60.0											
			62.5											
			65.0											
			67.5											
			70.0											
			72.5											
			75.0											
			77.5											
			80.0											



Facility/Project Name <b>Adams County Landfill- Recycling Facility</b>			License/Permit/Monitoring Number <b>3150</b>		Boring Number <b>MW-26</b>	
Boring Drilled By (Firm name and name of crew chief) <b>WTD/Longyear</b>			Date Drilling Started <b>09/17/90</b>		Date Drilling Completed <b>09/17/90</b>	
					Drilling Method <b>4 1/4 I.D. HSA</b>	
DNR Facility Well No. <b>046</b>	WI Unique Well No. <b>GN077</b>	Common Well Name <b>MW-26</b>	Final Static Water Level <b>934.0 Feet MSL</b>		Surface Elevation <b>960.0 Feet MSL</b>	Borehole Diameter <b>8.5 Inches</b>
Boring Location State Plane <b>10629.00 N, 11413.00 E</b>			Lat <b>0 1 "</b>		Local Grid Location (If applicable) <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> E Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
1/4 of <b>NE</b> 1/4 of Section <b>13</b> T <b>18</b> N.R <b>5</b>			Long <b>0 1 "</b>			
County <b>Adams</b>			DNR County Code <b>01</b>		Civil Town/City/ or Village <b>Strongs Prairie</b>	

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					P 200	RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit			
1	18	5 6 7	2.5	Light Brown Fine SILTY SAND	SM				13	M					
2	18	5 7 9	5.0						16	M					
3	18	11 17 18	10.0	Red brown CLAYEY SILT	ML				35	M					
4	18	25 38 42	15.0	Light Brown SILT	ML				80	M					
5	18	32 29 29	20.0	3" CLAY seam	CL				58	M/W					
			22.5	Light Brown Fine SAND	SP										
				Light Brown SILT	ML										
6	18	8 10 9	25.0	Red Brown Silty CLAY	CL				19	W					
			27.5												
			30.0												

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

Signature

*R. L. Latta*

Firm

Mid-State Associates, Inc.

1230 South Boulevard Baraboo, WI 53913  
Tel: (608) 356 2771 Fax: (608) 356 2770



This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$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 144.99 and 162.06, Wis. Stats.

Page 2 of 2

[illegible]



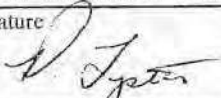

Route To:

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

Facility/Project Name <b>Adams County Landfill- Recycling Facility</b>			License/Permit/Monitoring Number <b>3150</b>		Boring Number <b>MW-27</b>	
Boring Drilled By (Firm name and name of crew chief) <b>WTD/Longyear</b>			Date Drilling Started <b>09/13/90</b>		Date Drilling Completed <b>09/13/90</b>	
DNR Facility Well No. <b>047</b>			WI Unique Well No. <b>GN078</b>		Common Well Name <b>MW-27</b>	
Final Static Water Level <b>934.0 Feet MSL</b>			Surface Elevation <b>977.0 Feet MSL</b>		Borehole Diameter <b>8.5 Inches</b>	
Boring Location State Plane <b>10564.00 N, 11858.00 E</b>			Lat <b>0 1 "</b>		Local Grid Location (If applicable) <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> E Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
1/4 of <b>NE</b> 1/4 of Section <b>13</b> T <b>18</b> N,R <b>5</b>			Long <b>0 1 "</b>			
County <b>Adams</b>			DNR County Code <b>01</b>		Civil Town/City/ or Village <b>Strongs Prairie</b>	





Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	24	5 6 7 7	2.5	Light Brown Fine SAND	SP				13	M				
2	24	5 7 7 9	5.0						14	M				
3	18	4 7 10	10.0						17	M				
4	18	11 7 12	20.0						19	M				
			22.5	Light Brown Fine SILTY SAND with organics	SM									
5	18	9 10 14	25.0	Red Brown CLAYEY SILT	ML				24	M				
			27.5											
			30.0											

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

Signature 	Firm <b>Mid-State Associates, Inc.</b> 1230 South Boulevard Baraboo, WI 53913 Tel: (608) 356 2771 Fax: (608) 356 2770	
--	--	---

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Boring Number **MW-27** Use only as an attachment to Form 4400-122. Page **2** of **2**



Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number	Length (in) Recovered								Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
6	18	18 58 61	32.5	Brown Fine SAND	SP				119	M				
7	18	27 31 34	35.0						65	M				
8	18	12 12 20	40.0						32	M/W				
9	18	10 14 28	45.0						42	W				
10	18	6 9 31	50.0	End of boring at 51.5 ft.					41	W				
			52.5											
			55.0											
			57.5											
			60.0											
			62.5											
			65.0											
			67.5											
			70.0											
			72.5											
			75.0											
			77.5											
			80.0											



Facility/Project Name <b>Adams County Landfill- Recycling Facility</b>		License/Permit/Monitoring Number <b>3150</b>		Boring Number <b>MW-28</b>	
Boring Drilled By (Firm name and name of crew chief) <b>WTD/Longyear</b>		Date Drilling Started <b>09/15/90</b>		Date Drilling Completed <b>09/15/90</b>	
DNR Facility Well No. <b>048</b>		WI Unique Well No. <b>GN079</b>		Common Well Name <b>MW-28</b>	
Final Static Water Level <b>934.2 Feet MSL</b>		Surface Elevation <b>971.2 Feet MSL</b>		Borehole Diameter <b>8.5 Inches</b>	
Boring Location State Plane <b>10263.00 N, 11657.00 E</b> 1/4 of NE 1/4 of Section 13 T 18 N, R 5		Lat <b>0 1 "</b> Long <b>0 1 "</b>		Local Grid Location (If applicable) <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> E Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
County <b>Adams</b>		DNR County Code <b>01</b>		Civil Town/City/ or Village <b>Strongs Prairie</b>	

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	14	4 5 5 7	2.5 5.0	Light Brown Fine SAND	SP				10	M				
2	18	3 3 5 7	7.5						8	M				
3	14	4 5 7	10.0 12.5						12	M				
4	18	13 24 20	15.0 17.5						44	M				
5	18	10 12 11	20.0 22.5	Red Brown SILT	ML				23	W				
6	18	10 18 40	25.0 27.5 30.0	Red Brown Clayey Silt seam at 25 to 26.5 ft					58	M/W				

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

Signature 	Firm <b>Mid-State Associates, Inc.</b> 1230 South Boulevard Baraboo, WI 53913 Tel: (608) 356 2771 Fax: (608) 356 2770	
--	--	---

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Boring Number **MW-28** Use only as an attachment to Form 4400-122. Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number	Length (in) Recovered								Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
7	18	15 58 87	32.5						145	W				
8	18	10 12 17	35.0 37.5						28	W				
9	12	12 38	40.0 42.5 45.0						38	W				
				47.5	End of boring at 47.0 ft.									
				50.0										
				52.5										
				55.0										
				57.5										
				60.0										
				62.5										
				65.0										
				67.5										
				70.0										
				72.5										
				75.0										
				77.5										
				80.0										



Route to:

Watershed/Wastewater "

Waste Management "

Remediation/Redevelopment "

Other "

Page 1 of 2

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150				Boring Number MW-29					
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/19/2015 M/T		Date Drilling Completed 11/20/2015 M/D/Y		Drilling Method 4 1/2 " HSA					
WI Unique Well No. VP 147		DNR Well Id No. 049		Well Name MW-29		Final Static Water Level 939.73'		Surface Elevation 961.73		Borehole Dia. 8 "			
Local Grid Origin " (estimated: ") or Boring Location " State Plane 742169.151 N, 2010739.562 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. ____ ° ____ ' ____ "		Local Grid Location (If applicable) ____ " N ____ " E Long. ____ ° ____ ' ____ " Feet ____ " S Feet ____ " W							
Facility Id. 701040560		County Adams		County Code 01		Civil Town/City/or Village Town of Strong's Prairie							
SAMPLE				SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT				SOIL PROPERTIES				RQD/Comments	
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		P 200
1 SS	24 18	1 2 3	-1 -2	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; dark brown (7.5YR 3/4); moist; medium SAND	OL SM				M				Lacustrine
2 SS	24 18	4 5 5 7	-6 -7	reddish yellow (7.5 YR 6/8); fine SAND					M				Lacustrine
3 SS	24 20	3 4 4 5	-11 -12	light brown (7.5 YR 6/4) with some thin silt layers					M				Lacustrine
4 SS	24 20	3 4 5 8	-16 -17	SILT (ML) with SAND; brown (7.5 YR 5/4); moist; fine SAND	ML				M				Lacustrine
5 SS	24 20	6 12 9 11	-21 -22	SAND with SILT (SM); dense; light brown (7.5 YR 5/4); moist; fine SAND	SM				M W				Lacustrine
		3	-25		ML				W				Lacustrine

GW  
Elevation 939.73'  
11/20/2015

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

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# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-29 cont.

Page 2 of 2

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES					RDQ/ comment
NUMBER	LENGTH RECOVERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	P-200	
6 SS	24 24	4 6 8	-26 -27 -28	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	ML					W				Lacustrine
			-29 -30								30	17	86.0%	
7 SS	24 24	4 7 8 9	-31 -32 -33	lean CLAY (CL) very thinly bedded with interbedded seams of SILT. CLAY; very stiff, brown (7.5YR 4/4); moist. SILT; brown (7.5YR 5/4); moist. (varved appearance)	CL					W				Lacustrine
			-34 -35											
8 ST	24 24	2 2 5	-36 -37	SAND with SILT (SM); med-dense; brown (7.5YR 5/4); wet; medium to fine SAND	SM					W				Lacustrine
			-38 -39 -40 -41 -42 -43 -44 -45 -46 -47 -48 -49 -50 -51 -52 -53 -54 -55 -56 -57 -58 -59	Well screen set 33 ft bgs (elevation 928.73') End of boring 37 ft bgs (elevation 924.73')										

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

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State of Wisconsin  
Department of Natural Resources

Route to:

Watershed/Wastewater    "

Remediation/Redevelopment    "

Waste Management    "

Other    "

SOIL BORING LOG INFORMATION

Form 4400-122

7-98

Page 1 of 2

Facility/Project Name

Adams County Landfill

License/Permit/Monitoring Number

3150

Boring Number

MW-30

Boring Drilled By: Name of crew chief (first,last) and Firm

First Name: Joe      Last Name: Black

Firm: PSI

Date Drilling Started

11/17/2015    M/D/Y

Date Drilling Completed

11/17/2015    M/D/Y

Drilling Method

4 1/2 " HSA

WI Unique Well No.

VP 144

DNR Well Id No.

050

Well Name

MW-30

Final Static Water Level

941.84'

Surface Elevation

977.84

Borehole Dia.

8 "

Local Grid Origin    (estimated: ") or Boring Location    "

State Plane 741638.774 N, 2010658.579 E

SE 1/4 of NE 1/4, of Section 13, T18N, R5E

Lat.    °    '    "

-----

Long.    °    '    "

Local Grid Location (If applicable)

" N      " E

Feet    " S      Feet    " W

Facility Id.

701040560

County

Adams

County Code

01

Civil Town/City/or Village

Town of Strongs Prairie

SAMPLE				Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES					RQD/Comments
Number and Type	Length Att. & Recovered (in)	Blow Counts	Compressive Strength							Moisture Content	Liquid Limit	Plasticity Index	P 200		
		2	-	6" Black sand w/organics (topsoil)	OL										Lacustrine
1	24	1	-1	SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND	SM										
SS	24	3	-2												
			-3												
			-4												
			-5												
2	24	2	-6												Lacustrine
SS	22	3	-7												
			-8												
			-9												
			-10												
3	24	2	-11												Lacustrine
SS	22	3	-12												
			-13												
			-14												
			-15												
4	24	10	-16												Lacustrine
SS	21	16	-17												
			-18												
			-19												
			-20												
5	24	6	-21												Lacustrine
SS	22	12	-22												
			-23												
			-24												
			-25												
			-												
		11	-												Lacustrine

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

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

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# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-30 cont.

Page 2 of 2

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES					RDQ/ comment
NUMBER	LENGTH RECOVERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	P-200	
6	24	16	-26	SAND with SILT (SM); very dense; light brown (7.5YR 6/4); moist; medium to fine SAND	SM					M				Lacustrine
SS	22	17	-27											
		21	-28											
			-29											
			-30											
7	24	11	-31	SAND with SILT (SM); very dense; light brown (7.5YR 6/4); moist; medium to fine SAND						M				Lacustrine
SS	16	15	-32											
		14	-33											
		16	-34											
			-35											
8	24	4	-36	CLAY (CL) lean; hard, brown (7.5YR 5/3); moist	CL					W				Lacustrine
ST	24	7	-37	CLAY (CL) lean; very thinly bedded with interbedded seams of SILT (ML). CLAY (CL); hard, brown (7.5YR 4/4); moist. SILT (ML); brown										
		9	-38											
		11	-39											
			-40											
			-41											
9	24	5	-42	SAND with SILT (SM); very dense; light brown (7.5YR 6/4); wet; medium to fine SAND	SM					W				Lacustrine
SS	20	7	-43	CLAY (CL) lean; very thinly bedded with interbedded seams of SILT. CLAY; hard, brown (7.5YR 4/4); moist. SILT; firm, brown (varved appearance)										
		15	-44											
		22	-45											
			-46											
			-47											
10	24	3	-48	Well screen set 45 ft bgs (elevation 932.84') End of boring 47 ft bgs (elevation 930.84')						M				Lacustrine
SS	20	6	-49											
		10	-50											
		12	-51											
			-52											
			-53											
			-54											
			-55											
			-56											
			-57											
			-58											
			-59											

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

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Route to:

Watershed/Wastewater "

Waste Management "

Remediation/Redevelopment "

Other "

Page 1 of 2

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150				Boring Number MW-30P						
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/17/2015 M/D/Y		Date Drilling Completed 11/18/2015 M/D/Y		Drilling Method 4 1/2 " HSA						
WI Unique Well No. VP 145		DNR Well Id No. 051		Well Name MW-30P		Final Static Water Level 941.84'		Surface Elevation 979.94		Borehole Dia. 8 "				
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741645.608 N, 2010659.79 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. ____ ° ____ ' ____ "		Local Grid Location (If applicable) ____ " N ____ " E ____ Feet ____ " S ____ Feet ____ " W								
Facility Id. 701040560		County Adams		County Code 01		Civil Town/City/or Village Town of Strongs Prairie								
SAMPLE				SOIL PROPERTIES										
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/Comments
			-45	0-50' see boring log for MW-30	SM					W				Lacustrine
			-46	Groundwater encountered at elevation of 941.84' (see MW-30 soil boring log)										
			-47											
			-48											
			-49											
1	24	4	-50	SAND with SILT (SM); med-dense; light brown; (7.5YR 6/4); wet; fine SAND						W				Lacustrine
SS	24	5	-51											
		7	-52	Approximately 2' of sand blowback in auger, unable to use lead bit or split spon, observations are based on drill cuttings										
		7	-53											
			-54							W				Lacustrine
			-55											
			-56											
			-57											
			-58	SAND with SILT (SM); light brown (7.5 YR 6/4); loose						W				Lacustrine
			-59											
			-60											
			-61											
			-62											
			-63											
			-64							W				Lacustrine
			-65											
			-66											
			-67											
			-68											
			-69							W				Lacustrine

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

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
# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-30P cont.

Page 2 of 2

SAMPLE			DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES					RDQ/ comment
NUMBER	LENGTH RECOVERED (IN)	BLOW COUNT			USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	P-200	
			-70	SAND with SILT (SM); light brown (7.5 YR 6/4); loose	SM				W				44.6%	Lacustrine
			-71											
			-72											
			-73											
			-74											
			-75	CLAY (CL) with SILT (CL); firm; brown (7.5 YR 5/4); wet	CL				W					Lacustrine
			-76	Well screen set and end of boring 75 ft bgs (elevation 902.94')										
			-77											
			-78											
			-79											
			-80											
			-81											
			-82											
			-83											
			-84											
			-85											
			-86											
			-87											
			-88											
			-89											
			-90											
			-91											
			-92											
			-93											
			-94											
			-95											
			-96											
			-97											
			-98											
			-99											
			-100											
			-101											
			-102											
			-103											

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

Signature <div style="text-align: center; font-family: cursive; font-size: 1.2em;">William Honea, Nicole Bader</div>	Firm <div style="text-align: center; font-weight: bold;">AYRES ASSOCIATES</div>
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This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$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 144.99 and 162.06, Wis. Stats.



Route to:  
Watershed/Wastewater      Waste Management        
Remediation/Redevelopment      Other     

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150		Boring Number MW-31
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe      Last Name: Black Firm: PSI			Date Drilling Started 11/18/2015 M	Date Drilling Completed 11/19/2015 M/D/Y	Drilling Method 4 1/2 " HSA
WI Unique Well No. VP 146	DNR Well Id No. 052	Well Name MW-31	Final Static Water Level 938.90'	Surface Elevation 967.90	Borehole Dia. 8 "
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741100.745 N, 2010709.457 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Local Grid Location (If applicable) " N      " E " S      " W		
Facility Id. 701040560		County Adams	County Code 01	Civil Town/City/or Village Town of Strong's Prairie	

SAMPLE			Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES					ROD/Comments
Number and Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1 SS	24 18	1 1 1 2	-1 -1 -2 -2	4 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND	OL SM					M				Lacustrine
2 SS	24 22	4 6 7 9	-6 -6 -7 -7							M				Lacustrine
3 SS	24 22	2 7 12 14	-11 -11 -12 -12							M				Lacustrine
4 SS	24 21	7 14 17 19	-16 -16 -17 -17	light brown (7.5 YR 6/3) 4" lens of SILT (ML); brown (7.5 YR 5/6) SAND with SILT (SM); light brown (7.5 YR 5/6); moist; fine SAND	ML SM					M				Lacustrine
5 SS	24 22	11 18 23 24	-21 -21 -22 -22	SAND with SILT (SM); dense; light brown (7.5 YR 5/4); moist; fine SAND	SM					M				Lacustrine
		8	-25							M				Lacustrine

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

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
---	--------------------------

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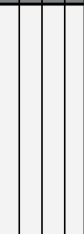
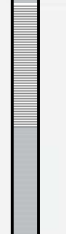




# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-31 cont.

Page 2 of 2

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES					RDQ/ comment
NUMBER	LENGTH RECOVERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	P-200	
6 SS	<u>24</u> 22	6 9 9	-26 -27 -28 -29 -30	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	ML			GW Elevation 938.90' 11/18/2015		M				Lacustrine
7 SS	<u>24</u> 16	11 15 16 20	-31 -32 -33 -34 -35	SAND with SILT (SM); dense; light brown (7.5YR 6/3); wet; medium to fine SAND	SM					W			49.6%	Lacustrine
8 SS	<u>24</u> 22	6 8 11 15	-36 -37 -38 -39 -40	lean CLAY (CL) very thinly bedded with interbedded seams of SILT. CLAY; very stiff, brown (7.5YR 4/4); moist. SILT; brown (7.5YR 5/4); moist.	CL					W				Lacustrine
9 SS	<u>24</u> 20	4 6 10 19	-41 -42 -43 -44 -45 -46 -47 -48 -49 -50 -51 -52 -53 -54 -55 -56 -57 -58 -59	SAND with SILT (SM); med-dense; brown (7.5YR 5/4); wet; medium to fine SAND	SM					W				Lacustrine
				Well screen set 40 ft bgs (elevation 927.90') End of boring 42 ft bgs (elevation 925.90')										

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

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

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<div>Well Construction Report For WISCONSIN UNIQUE WELL NUMBER AJ514</div>				State of WI - Private Water Systems - DG/2 Department of Natural Resources, Box 7921 Madison, WI 53707 Please type or Print using a black Pen Please Use Decimals Instead of Fractions.				Form 3300-77A (R 8/00)	
Property Owner ADAMS CO ZONING				Telephone 608-339-4222 Number					
Mailing Address PO BOX 187				1. Well Location <input checked="" type="checkbox"/> Town <input type="checkbox"/> City <input type="checkbox"/> Village of STRONGS PRAIRIE				Fire # (if available)	
City FRIENDSHIP		State WI		Zip Code 53934		Grid or Street Address or Road Name and Number			
County of Well Location Adams		County Well Permit No. W		Well Completion Date 12/02/1988		Subdivision Name Lot # Block #			
Well Constructor (Business Name) TERRY FARAGO		License # 41		Facility ID Number (Public Wells)		Gov't Lot # or NE 1/4 of SE 1/4 of			
Address N6079 8TH AVE		Public Well Plan Approval # W--		Section 13 T 18 N; R 5 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Latitude Deg. Min. Longitude Deg. Min.			
City PLAINFIELD		State WI Zip Code 54966-9757		Date of Approval (mm/dd/yyyy)		2. Well Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Reconstruction		Lat/Long Method GPS008	
Hicap Permanent well #		Common Well #		Specific Capacity .6 gpm/ft		of previous unique well # constructed in Reason for replaced or Reconstructed Well?			
3. Well serves # of homes and or SHOP (e.g. barn, restaurant, church, school, industry, etc.)				High capacity Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven Point <input type="checkbox"/> Jetted <input type="checkbox"/> Other:			
4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Well located within 1,200 feet of a quarry? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, distance in feet from quarry:									
Well located in floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Distance in Feet from Well to Nearest: 1200									
1. Landfill									
2. Building Overhang									
3. Septic <input type="checkbox"/> Holding Tank <input type="checkbox"/>									
4. Sewage Absorption Unit									
5. Nonconforming Pit									
6. Buried Home Heating Oil Tank									
7. Buried Petroleum Tank									
8. Shoreline <input type="checkbox"/> Swimming Pool <input type="checkbox"/>									
9. Downspout/Yard Hydrant									
10. Privy									
11. Foundation Drain to Clearwater									
12. Foundation Drain to Sewer									
13. Building Drain <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other									
14. Building Sewer <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other									
15. Collector or Street Sewer: <input type="checkbox"/> Sanitary units in. diam. <input type="checkbox"/> Storm <input type="checkbox"/> =< 6 <input type="checkbox"/> > 6									
16. Clearwater Sump									
17. Wastewater Sump									
18. Paved Animal Barn Pen									
19. Animal Yard or Shelter									
20. Silo									
21. Barn Gutter									
22. Manure Pipe <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other									
23. Other Manure Storage									
24. Ditch									
25. Other NR 812 Waste Storage									
5. Drillhole Dimensions and Construction Method				8. Geology				From To	
Dia. (in.) From (ft.) To (ft.) Upper Enlarged Drillhole Lower Open Bedrock				Type, Caving/Noncaving, Color, Hardness, etc				(ft.) (ft.)	
6 0 124				--S- SAND 0 18					
<input type="checkbox"/> ---1. Rotary - Mud Circulation----- <input type="checkbox"/>				--C- CLAY 18 48					
<input checked="" type="checkbox"/> ---2. Rotary - Air----- <input type="checkbox"/>				-NS- FINE SAND 48 115					
<input type="checkbox"/> ---3. Rotary - Air and Foam----- <input type="checkbox"/>				--N- SAND STONE 115 124					
<input type="checkbox"/> ---4. Drill-Through Casing Hammer									
<input type="checkbox"/> ---5. Reverse Rotary									
<input type="checkbox"/> ---6. Cable-tool Bit in. dia----- <input type="checkbox"/>									
<input type="checkbox"/> 7. Dual Rotary <input type="checkbox"/>									
<input type="checkbox"/> 8. Temp. Outer Casing in. dia. depth (ft)									
Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, why not?									
6. Casing, Liner, Screen Material, Weight, Specification				9. Static Water Level				11. Well is: <input checked="" type="checkbox"/> Above Grade	
Dia. (in.) From (ft.) To (ft.)				ft. above ground surface 41 ft. below ground surface				<input type="checkbox"/> Below Grade	
6 ASTM 589 USS STEEL 19.45#PER FT TOT. WT. 2353.5# 0 121				10. Pump Test				Developed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Dia. (in.) Screen type, material & slot size				Pumping Level 80 ft. below surface				Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
6 #20 K/PACKER 56 INCH LG 121 124				Pumping at 22 GPM for 2 hours				Capped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
7. Grout or Other Sealing Material. Method:				12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, explain:					
Method: From (ft.) To (ft.) # Sacks Cement				13. Signature of the Well Constructor or Supervisory Driller Date signed					
Kind of Sealing Material				TPF 12/29/1988					
				Signature of Drill Rig Operator (Mandatory unless same as above) Date signed					
				TPF 12/29/1988					
Make additional comments on reverse side about geology, additional screens, water quality, etc.								Variance issued <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

<div>Well Construction Report For WISCONSIN UNIQUE WELL NUMBER</div> <div>KO311</div>				State of WI - Private Water Systems - DG/2 Department of Natural Resources, Box 7921 Madison, WI 53707 Please type or Print using a black Pen Please Use Decimals Instead of Fractions.		Form 3300-77A (R 8/00)	
Property Owner <b>ADAMS CTY SOLID WASTE</b>			Telephone <b>608-339-9178</b> Number				
Mailing Address <b>1420 HWY 21</b>							
City <b>FRIENDSHIP</b>			State <b>WI</b>	Zip Code <b>53934</b>			
County of Well Location <b>Adams</b>		County Well Permit No. <b>W</b>	Well Completion Date <b>07/18/1995</b>				
Well Constructor (Business Name) <b>SYLVESTER R HAUPT</b>		License # <b>489</b>	Facility ID Number (Public Wells)				
Address		Public Well Plan Approval # W--					
City <b>AUBURNDALE</b>	State <b>WI</b>	Zip Code <b>54412</b>	Date of Approval (mm/dd/yyyy) <b>06/15/1995</b>				
Hicap Permanent well # <b>1602</b>	Common Well #	Specific Capacity <b>52.6</b> gpm/ft					
3. Well serves # of homes and/or (e.g. barn, restaurant, church, school, industry, etc.)			High capacity Well? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Property? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Well located within 1,200 feet of a quarry? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, distance in feet from quarry:							
Well located in floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Distance in Feet from Well to Nearest:							
1. Landfill		9. Downspout/Yard Hydrant		17. Wastewater Sump			
2. Building Overhang		10. Privy		18. Paved Animal Barn Pen			
3. Septic <input type="checkbox"/> Holding Tank <input type="checkbox"/>		11. Foundation Drain to Clearwater		19. Animal Yard or Shelter			
4. Sewage Absorption Unit		12. Foundation Drain to Sewer		20. Silo			
5. Nonconforming Pit		13. Building Drain		21. Barn Gutter			
6. Buried Home Heating Oil Tank		<input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other		22. Manure Pipe <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure			
7. Buried Petroleum Tank		14. Building Sewer <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure		<input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other			
		<input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other		23. Other Manure Storage			
		15. Collector or Street Sewer:		24. Ditch			
		<input type="checkbox"/> Sanitary units in. diam.		25. Other NR 812 Waste Storage			
		<input type="checkbox"/> Storm <input type="checkbox"/> =< 6 <input type="checkbox"/> > 6					
8. Shoreline <input type="checkbox"/> Swimming Pool <input type="checkbox"/>		16. Clearwater Sump					
5. Drillhole Dimensions and Construction Method							
From To Upper Lower		8. Geology From To					
Dia. (in.) (ft.) (ft.) Enlarged Drillhole		Type, Caving/Noncaving, Color, Hardness, etc (ft.) (ft.)					
32 0 90		--Y- SAND @ GRAVEL 0 90					
<input type="checkbox"/> ---1. Rotary - Mud Circulation----- <input type="checkbox"/>							
<input type="checkbox"/> ---2. Rotary - Air----- <input type="checkbox"/>							
<input type="checkbox"/> ---3. Rotary - Air and Foam----- <input type="checkbox"/>							
<input type="checkbox"/> ---4. Drill-Through Casing Hammer							
<input checked="" type="checkbox"/> ---5. Reverse Rotary							
<input type="checkbox"/> ---6. Cable-tool Bit in. dia----- <input type="checkbox"/>							
<input type="checkbox"/> 7. Dual Rotary <input type="checkbox"/>							
<input type="checkbox"/> 8. Temp. Outer Casing in. dia. depth (ft)							
Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No							
If no, why not?							
6. Casing, Liner, Screen Material, Weight, Specification From To							
Dia. (in.) (ft.) (ft.)							
16 250 WALL STEEL		0 50					
7. Grout or Other Sealing Material. Method From To # Sacks							
Method: (ft.) (ft.) Cement							
Kind of Sealing Material							
NATIVE FORMATIO		0 45					
GRAVEL PACK		45 90					
9. Static Water Level							
ft. above ground surface							
25 ft. below ground surface							
10. Pump Test							
Pumping Level 44 ft. below surface							
Pumping at 1000 GPM for 2 hours							
11. Well is: <input checked="" type="checkbox"/> Above Grade							
13 in. <input type="checkbox"/> Below Grade							
Developed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
Capped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?							
<input type="checkbox"/> Yes <input type="checkbox"/> No If no, explain:							
13. Signature of the Well Constructor or Supervisory Driller Date signed							
SH 09/29/1995							
Signature of Drill Rig Operator (Mandatory unless same as above) Date signed							
WCS							
Make additional comments on reverse side about geology, additional screens, water quality, etc.							
Variance issued <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							



**Owner**

1223

026

ADAMS COUNTY SOLID WASTE DEPT

1420 STH 21

FRIENDSHIP

WI

53934

Phone 608 339 9178

**Operator**

1666

001

BULA-GIERINGER FARMS

349 COUNTY HIGHWAY M

COLOMA

WI

54930

Phone 608 339 9869

**LOCATION**Region **West Central Region**MajorBasin **Mississippi River**County **Adams**Civil Town **STRONGS PRAIRIE**Govt Lot \_\_\_\_\_ or **CT** 1/4 of the **NW** 1/4Sec. **13**, T **18**, Rg. **5** E/W **E**

Street

Mailing City

File Location **01 - 1 - 247**

PWS ID

**Well Numbers**High Cap # **1602**

WUWN WCR

**KO311**

WUWN GRN

**KO311**

Image file

Approved Capacity

**1,000 GPM**

Normal Pumpage

**720,000GPD**

Max pumpage

**1,440,000GPD**

Status

**APPROVED***existing well*

Approved

**06/15/1995**

Completed

**07/18/1995**

WaterUse

**Agricultural irrigation****General Well Information**Drilled by: **HAUPT WELL DRLG****489**Gravel Pack **Y**

Total Depth ft

**90.0**Drill Method: **Reverse Rotary**

Co Apprvl #

**247**Screened? **Y**

Feet to rock

Aquifer **Sand/Gravel**

Screen Type

**Slotted Casing**

First Rock is

Multiple Aquifers? **N**

Seal Material

**Native Formations****Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)****Formation Thickness**Surface Sand **90.0**

Surface Clay

Devonian

Silurian

Maquoketa

Sinnipie

Ansell

Prairie du Chien

Cambrian

Precambrian

Upper Drillhole Diameter

Upper Drillhole Depth-Ft

Lower Drillhole Diameter **32.0**Lower Drillhole Length **90.0**More than 2 Drillholes? **N**

Primary Casing Diameter

Primary Casing Depth **50.0**Liner Casing Diameter **16.0**

Liner Casing Length

Liner Casing Depth

Screen Diameter **16.0**Screen Length **40.0**Sealing Material Depth **45.0**Hours of Yield Test **2.0**GPM of Yield Test **1,000.0**Static Water (feet) **25**Pumping Water Level (ft) **44**Specific Capacity(GPM/Ft) **52.6**

WGNHS Log No.

## MEMORANDUM

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To: Wisconsin Department of Natural Resources

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From: Ben Peotter

---

Date: July 1, 2019

Project No.: 51-0338.10

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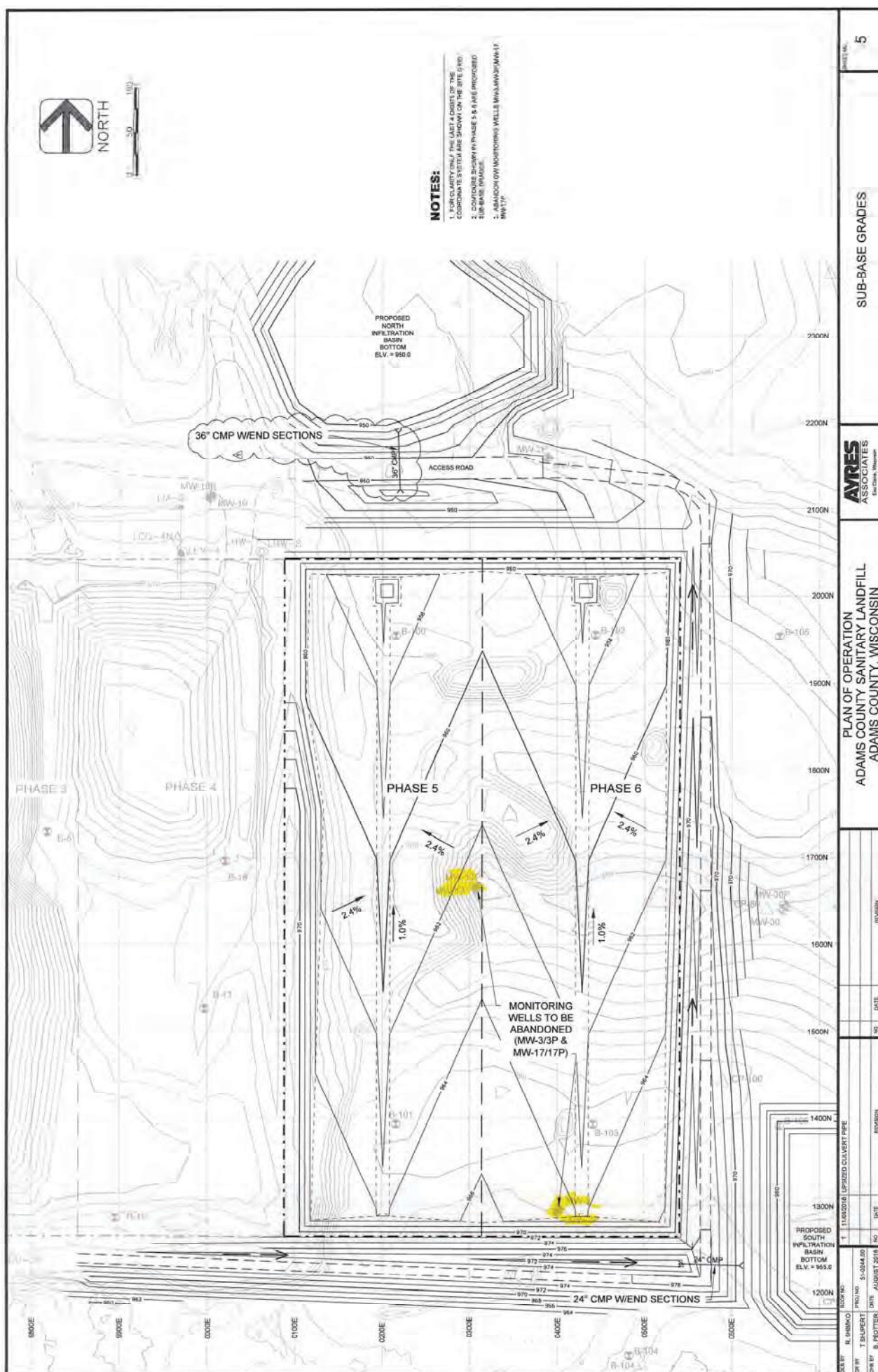
Re: Adams County Landfill Well Abandonment

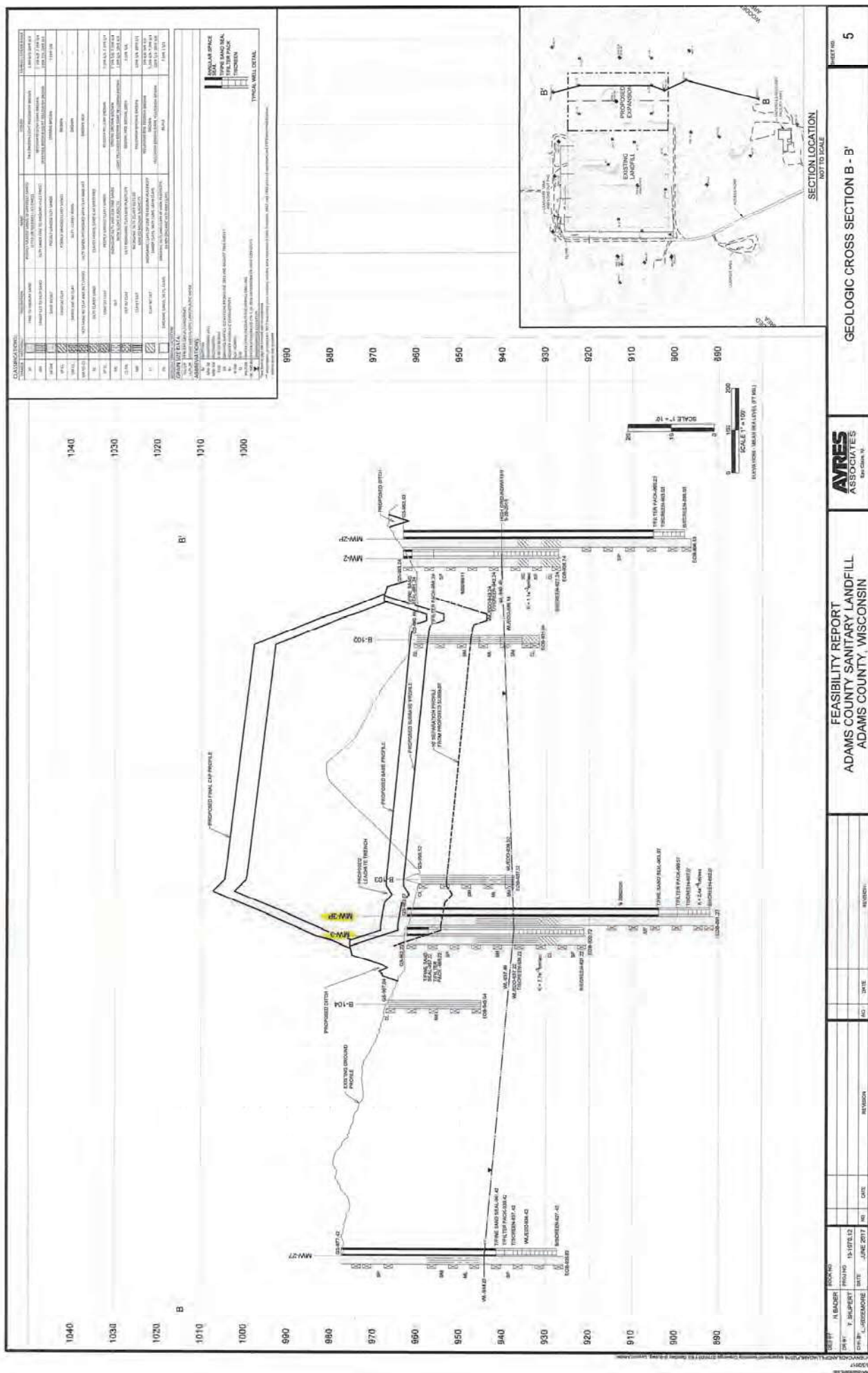
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This memo is in reference to the Adams County Feasibility Determination (April 11, 2019; Condition 19) in which four (4) 2-inch wells were required to be over-drilled and abandoned in accordance per WI NR 141 Wisc. Adm. Code.

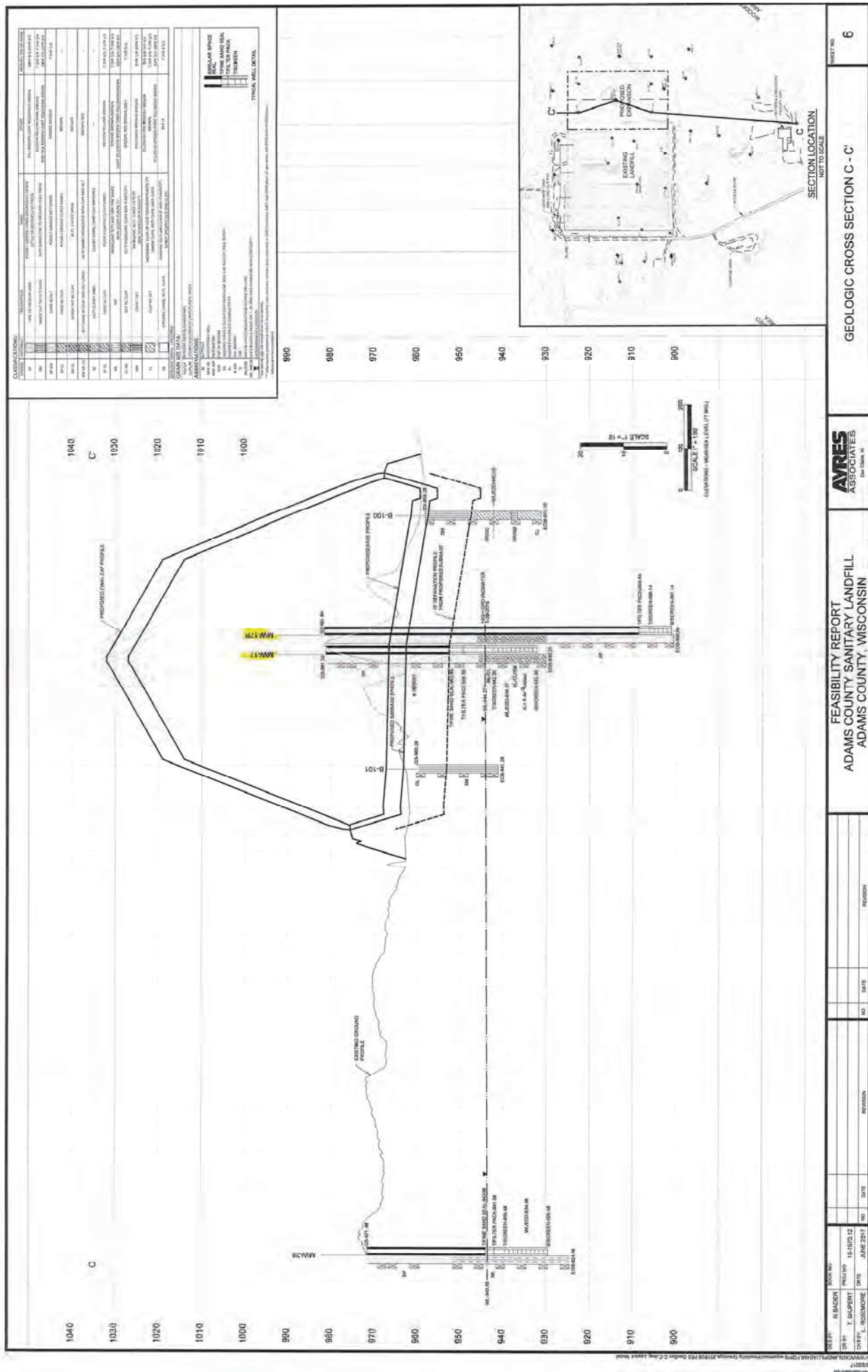
Driller Traut Companies and Ayres senior technician Tim Shupert were on-site May 20, 2019 to abandon the wells on the Adams County Landfill. The four groundwater monitoring wells included MW-3, MW-3P, MW-17, and MW-17P with depths from ground surface of 41, 65, 51, and 81 feet, respectively. All wells were over-drilled with a Rotary Sonic rig, had their casings and screens removed, and had the borehole filled with a bentonite-sand slurry. A photo log and abandonment forms are attached.











## Wisconsin Department of Natural Resources

## Well / Drillhole / Borehole Filling &amp; Sealing

Form 3300-005

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295 and 299, Wis. Stats., and ch. NR 141 Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295 and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose.

Date of Filling &amp; Sealing: 05/20/2019

Rec #: 161154

Verification. Check only if well filling &amp; sealing was done previously and you are just verifying that work.: No

## 1. Well Location Information

County: Adams		WI Unique Well #:		DNR Hicap Well #:	
Latitude: (DD.DDDDD°) 44.0337 °N		Longitude: (DD.DDDDD°) 89.84072 °W		GPS Method Code: GPS008	
Gov't Lot #:	Qtr/Qtr:	Quarter:	Section #:	Township #: North	Range #:
Well Street Address: 1420 HIGHWAY 21				Subdivision Name:	
Well City/Village/Town: Village of FRIENDSHIP		Well Zip Code:	Lot #:	Does a new well replace this well? No	
Reason for Filling & Sealing: EXPANSION OF LANDFILL				WI Unique Well # of Replacement Well:	

## 2. Facility / Owner Information

Facility Name:		FID #:	License/Permit/Monitoring #:	
Original Well Owner:		Service Category:		
Present Well Owner: ADAMS COUNTY LANDFILL		Mailing Address of Present Owner: 1420 HIGHWAY 21		
		City: FRIENDSHIP	State: WI	Zip Code: 53934

## 3. Well / Drillhole / Borehole Information

Well Type: Monitoring Well	Original Construction Date: (mm/dd/yyyy)	Construction Type: Drilled
Formation Type:	Total Well Depth From Ground Surface (ft.): 41.00	(specify Other):
Casing Diameter (in.): 2.00	Lower Drillhole Diameter (in.):	Casing Depth (ft.):
Was well annular space grouted?	If yes, to what depth (ft.):	Depth to Water (ft.):

## 4. Pump, Liner, Screen, Casing &amp; Sealing Material

Pump and piping removed?	N/A	Liner(s) removed?	N/A	If no, was liner perforated?	
Screen removed?	Yes	Casing/Loop left in place?	No	Was casing cut off below surface?	N/A
Did sealing material rise to surface?	Yes	Did material settle after 24 hours?	No	If yes, was hole retopped?	
If bentonite chips were used, were they hydrated with water from a known water source?					N/A
Method of Placing Sealing Material: Conductor Pipe-Pumped			(Explain Other):		
Water Well Sealing Materials:			Monitoring Wells & other Drillholes: Bentonite-Sand Slurry		

## 5. Material Used to Fill Well / Drillhole

Material:	From (ft.):	To (ft.):	# and Units of Sealant:	Mix Ratio or Mud Weight:
HS BENTONIRE	Surface	41.00	4 BAGS	20%

## 6. Comments

MW-3 WAS OVER-DRILLED WITH A ROTASONIC RIG, CASING AND SCREEN REMOVED, AND BOREHOLE SEALED

## 7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRAUT MARK J WELLS INC	License #: 5912	Phone: 320-251-5090
PO BOX 547 WAITE PARK MN 56387-0547		Email Address: MJTRAUT@TRAUTWELLS.COM

## 8. DNR Use Only

Signed On: 06/12/2019	Submitted By: RECEIPT1	Received On: 06/12/2019	Approved On:
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## Wisconsin Department of Natural Resources

## Well / Drillhole / Borehole Filling &amp; Sealing

Form 3300-005

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295 and 299, Wis. Stats., and ch. NR 141 Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295 and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose.

Date of Filling &amp; Sealing: 05/20/2019

Rec #: 161155

Verification. Check only if well filling &amp; sealing was done previously and you are just verifying that work.: No

## 1. Well Location Information

County: Adams		WI Unique Well #:		DNR Hicap Well #:	
Latitude: (DD.DDDDD°) 44.03469 °N		Longitude: (DD.DDDDD°) 89.84068 °W		GPS Method Code: GPS008	
Gov't Lot #:	Qtr/Qtr:	Quarter:	Section #:	Township #: North	Range #:
Well Street Address: 1420 HIGHWAY 21				Subdivision Name:	
Well City/Village/Town: Village of FRIENDSHIP		Well Zip Code:	Lot #:	Does a new well replace this well? No	
Reason for Filling & Sealing: LANDFILL EXPANSION				WI Unique Well # of Replacement Well:	

## 2. Facility / Owner Information

Facility Name:		FID #:	License/Permit/Monitoring #:	
Original Well Owner:		Service Category:		
Present Well Owner: ADAMS COUNTY LANDFILL		Mailing Address of Present Owner: 1420 HIGHWAY 21		
		City: FRIENDSHIP	State: WI	Zip Code: 53934

## 3. Well / Drillhole / Borehole Information

Well Type: Monitoring Well	Original Construction Date: (mm/dd/yyyy)	Construction Type: Drilled
Formation Type:	Total Well Depth From Ground Surface (ft.): 81.00	(specify Other):
Casing Diameter (in.): 2.00	Lower Drillhole Diameter (in.):	Casing Depth (ft.):
Was well annular space grouted?	If yes, to what depth (ft.):	Depth to Water (ft.):

## 4. Pump, Liner, Screen, Casing &amp; Sealing Material

Pump and piping removed?	N/A	Liner(s) removed?	N/A	If no, was liner perforated?	
Screen removed?	Yes	Casing/Loop left in place?	No	Was casing cut off below surface?	N/A
Did sealing material rise to surface?	Yes	Did material settle after 24 hours?	No	If yes, was hole retopped?	
If bentonite chips were used, were they hydrated with water from a known water source?					N/A
Method of Placing Sealing Material: Conductor Pipe-Pumped			(Explain Other):		
Water Well Sealing Materials:			Monitoring Wells & other Drillholes: Bentonite-Sand Slurry		

## 5. Material Used to Fill Well / Drillhole

Material:	From (ft.):	To (ft.):	# and Units of Sealant:	Mix Ratio or Mud Weight:
HS BENTONIRE	Surface	81.00	13	20% SOLIDS

## 6. Comments

MW 17P WAS OVER-DRILLED WITH A ROTASONIC RIG, CASING AND SCREEN WERE REMOVED AND BOREHOLE SEALED
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## 7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRAUT MARK J WELLS INC	License #: 5912	Phone: 320-251-5090
PO BOX 547 WAITE PARK MN 56387-0547	Email Address: MJTRAUT@TRAUTWELLS.COM	

## 8. DNR Use Only

Signed On: 06/12/2019	Submitted By: RECEIPT1	Received On: 06/12/2019	Approved On:
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## Wisconsin Department of Natural Resources

## Well / Drillhole / Borehole Filling &amp; Sealing

Form 3300-005

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295 and 299, Wis. Stats., and ch. NR 141 Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295 and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose.

Date of Filling &amp; Sealing: 05/20/2019

Rec #: 161156

Verification. Check only if well filling &amp; sealing was done previously and you are just verifying that work.: No

## 1. Well Location Information

County: Adams		WI Unique Well #:		DNR Hicap Well #:	
Latitude: (DD.DDDDD°) 44.03469 °N		Longitude: (DD.DDDDD°) 89.84068 °W		GPS Method Code: GPS008	
Gov't Lot #:	Qtr/Qtr:	Quarter:	Section #:	Township #: North	Range #:
Well Street Address: 1420 HIGHWAY 21				Subdivision Name:	
Well City/Village/Town: Village of FRIENDSHIP		Well Zip Code:	Lot #:	Does a new well replace this well? No	
Reason for Filling & Sealing: LANDFILL EXPANSION				WI Unique Well # of Replacement Well:	

## 2. Facility / Owner Information

Facility Name:		FID #:	License/Permit/Monitoring #:	
Original Well Owner:		Service Category:		
Present Well Owner: ADAMS COUNTY LANDFILL		Mailing Address of Present Owner: 1420 HIGHWAY 21		
		City: FRIENDSHIP	State: WI	Zip Code: 56378

## 3. Well / Drillhole / Borehole Information

Well Type: Monitoring Well	Original Construction Date: (mm/dd/yyyy)	Construction Type: Drilled
Formation Type:	Total Well Depth From Ground Surface (ft.): 51.00	(specify Other):
Casing Diameter (in.): 2.00	Lower Drillhole Diameter (in.):	Casing Depth (ft.):
Was well annular space grouted?	If yes, to what depth (ft.):	Depth to Water (ft.):

## 4. Pump, Liner, Screen, Casing &amp; Sealing Material

Pump and piping removed?	N/A	Liner(s) removed?	N/A	If no, was liner perforated?	
Screen removed?	Yes	Casing/Loop left in place?	No	Was casing cut off below surface?	N/A
Did sealing material rise to surface?	Yes	Did material settle after 24 hours?	No	If yes, was hole retopped?	
If bentonite chips were used, were they hydrated with water from a known water source?					N/A
Method of Placing Sealing Material: Conductor Pipe-Pumped			(Explain Other):		
Water Well Sealing Materials:			Monitoring Wells & other Drillholes: Bentonite-Sand Slurry		

## 5. Material Used to Fill Well / Drillhole

Material:	From (ft.):	To (ft.):	# and Units of Sealant:	Mix Ratio or Mud Weight:
HS BENTONIRE	Surface	51.00	9 BAGS	20% SOLIDS

## 6. Comments

MW-17 WAS OVER-DRILLED WITH A ROTASONIC RIG, REMOVING CASING AND SCREEN AND BOREHOLE WAS SEALED

## 7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRAUT MARK J WELLS INC	License #: 5912	Phone: 320-251-5090
PO BOX 547 WAITE PARK MN 56387-0547		Email Address: MJTRAUT@TRAUTWELLS.COM

## 8. DNR Use Only

Signed On: 06/12/2019	Submitted By: RECEIPT1	Received On: 06/12/2019	Approved On:
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## Wisconsin Department of Natural Resources

## Well / Drillhole / Borehole Filling &amp; Sealing

Form 3300-005

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295 and 299, Wis. Stats., and ch. NR 141 Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295 and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose.

Date of Filling &amp; Sealing: 05/20/2019

Rec #: 161157

Verification. Check only if well filling &amp; sealing was done previously and you are just verifying that work.: No

## 1. Well Location Information

County: Adams		WI Unique Well #:		DNR Hicap Well #:	
Latitude: (DD.DDDDD°) 44.0337 °N		Longitude: (DD.DDDDD°) 89.94072 °W		GPS Method Code: GPS008	
Gov't Lot #:	Qtr/Qtr:	Quarter:	Section #:	Township #: North	Range #:
Well Street Address: 1420 HIGHWAY 21				Subdivision Name:	
Well City/Village/Town: Village of FRIENDSHIP		Well Zip Code:	Lot #:	Does a new well replace this well? No	
Reason for Filling & Sealing: LANDFILL EXPANSION				WI Unique Well # of Replacement Well:	

## 2. Facility / Owner Information

Facility Name:		FID #:	License/Permit/Monitoring #:	
Original Well Owner:		Service Category:		
Present Well Owner: ADAMS COUNTY LANDFILL		Mailing Address of Present Owner: 1420 HIGHWAY 21		
		City: FRIENDSHIP	State: WI	Zip Code: 53934

## 3. Well / Drillhole / Borehole Information

Well Type: Monitoring Well	Original Construction Date: (mm/dd/yyyy)	Construction Type: Drilled
Formation Type:	Total Well Depth From Ground Surface (ft.): 65.00	(specify Other):
Casing Diameter (in.): 2.00	Lower Drillhole Diameter (in.):	Casing Depth (ft.):
Was well annular space grouted?	If yes, to what depth (ft.):	Depth to Water (ft.):

## 4. Pump, Liner, Screen, Casing &amp; Sealing Material

Pump and piping removed?	N/A	Liner(s) removed?	N/A	If no, was liner perforated?	
Screen removed?	Yes	Casing/Loop left in place?	No	Was casing cut off below surface?	N/A
Did sealing material rise to surface?	Yes	Did material settle after 24 hours?	No	If yes, was hole retopped?	
If bentonite chips were used, were they hydrated with water from a known water source?					N/A
Method of Placing Sealing Material: Conductor Pipe-Pumped			(Explain Other):		
Water Well Sealing Materials:			Monitoring Wells & other Drillholes: Bentonite-Sand Slurry		

## 5. Material Used to Fill Well / Drillhole

Material:	From (ft.):	To (ft.):	# and Units of Sealant:	Mix Ratio or Mud Weight:
HS BENRONITE	Surface	65.00	11 BAGS	20% SOLIDS

## 6. Comments

MW 3P WAS OVER-DRILLED WITH A ROTASONIC RIG, CASING AND SCREEN WERE REMOVED AND BOREHOLE SEALED

## 7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRAUT MARK J WELLS INC	License #: 5912	Phone: 320-251-5090
PO BOX 547 WAITE PARK MN 56387-0547		Email Address: MJTRAUT@TRAUTWELLS.COM

## 8. DNR Use Only

Signed On: 06/12/2019	Submitted By: RECEIPT1	Received On: 06/12/2019	Approved On:
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View of groundwater monitoring well



View of Adams County Landfill



Trut Companies on-site



Trut Companies performing Rotary Sonic drilling



View of the drilling



View of drill rig



Casings removed from wells



Trout Companies operating the drill rig





Bags of bentonite used to seal boreholes



Close-up of bentonite



Mixing the bentonite-sand slurry to fill the boreholes