

Appendix A
Soil Boring Logs and Abandonment Forms

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION

Adams County, WI

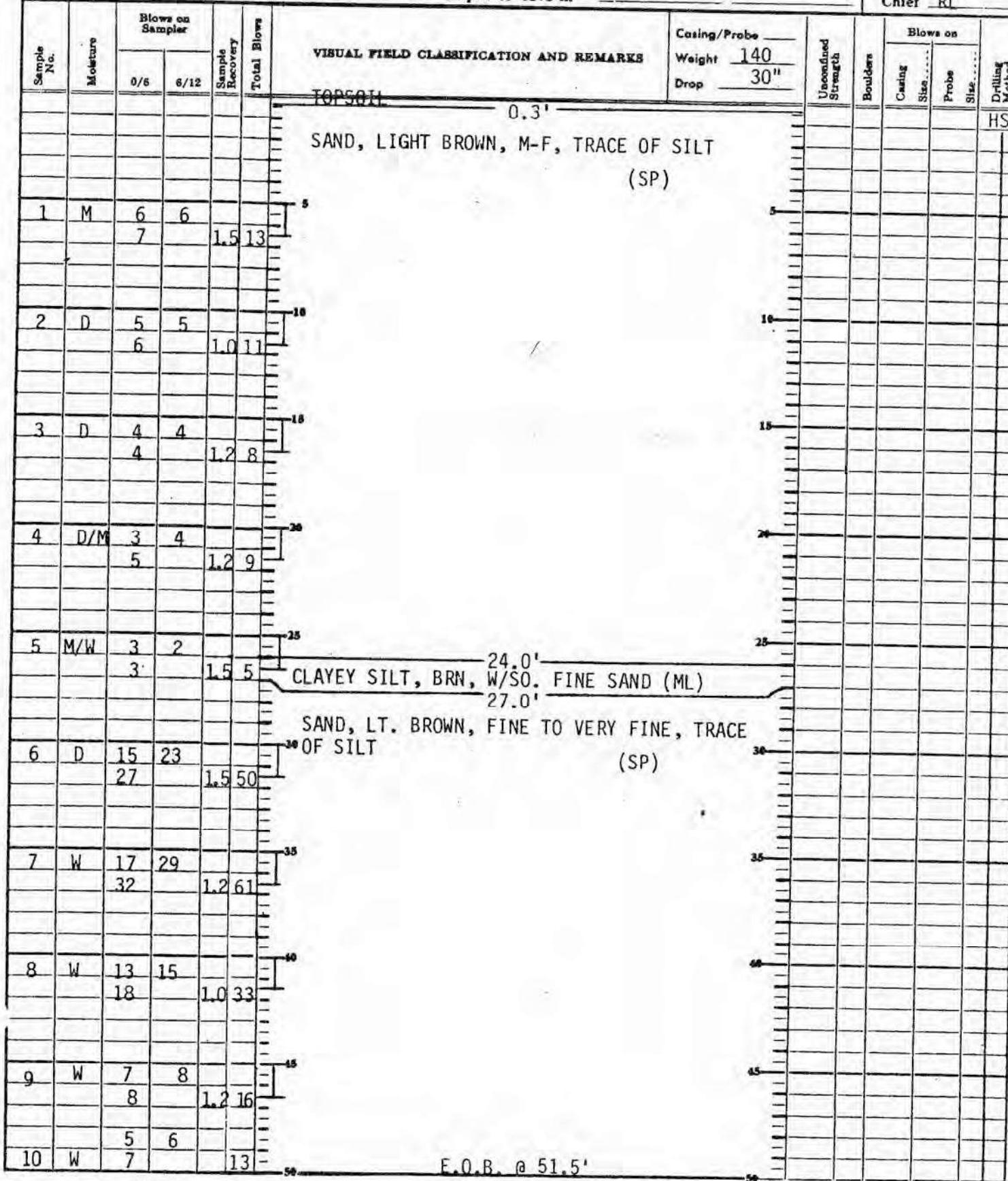
Elev.

982.18

Job No. 542

Boring No. B-4

GROUND	While drilling	36.0'	Time after drilling	1/4 hr.			Start 6/6/84
WATER	Before casing removal	--	Depth to water	36.0'			Unit 750
	After casing removal	--	Depth to cave-in	--			Chief RL



FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION

Adams County, WI

Elev. 967.46

Job No. 542

Boring No. B-5

GROUND	While drilling	25.0'	Time after drilling	½ hr.
WATER	Before casing removal	--	Depth to water	25.0'
	After casing removal	--	Depth to cave-in	--

Start 6/7/84
Unit 750
Chief Bl

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County - Jensen Property **Flex** 959.36

Job No. 875

Boring No. B-10

D.R.V.		555150	Boring No. B-10
GROUND	While drilling	15.5'	Time after drilling $\frac{1}{2}$ hr.
WATER	Before casing removal		Depth to water None
	After casing removal		Depth to cave-in 15.5'

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams county Landfill

LOCATION Adams Co. - Jensen Property

Flex 963,54

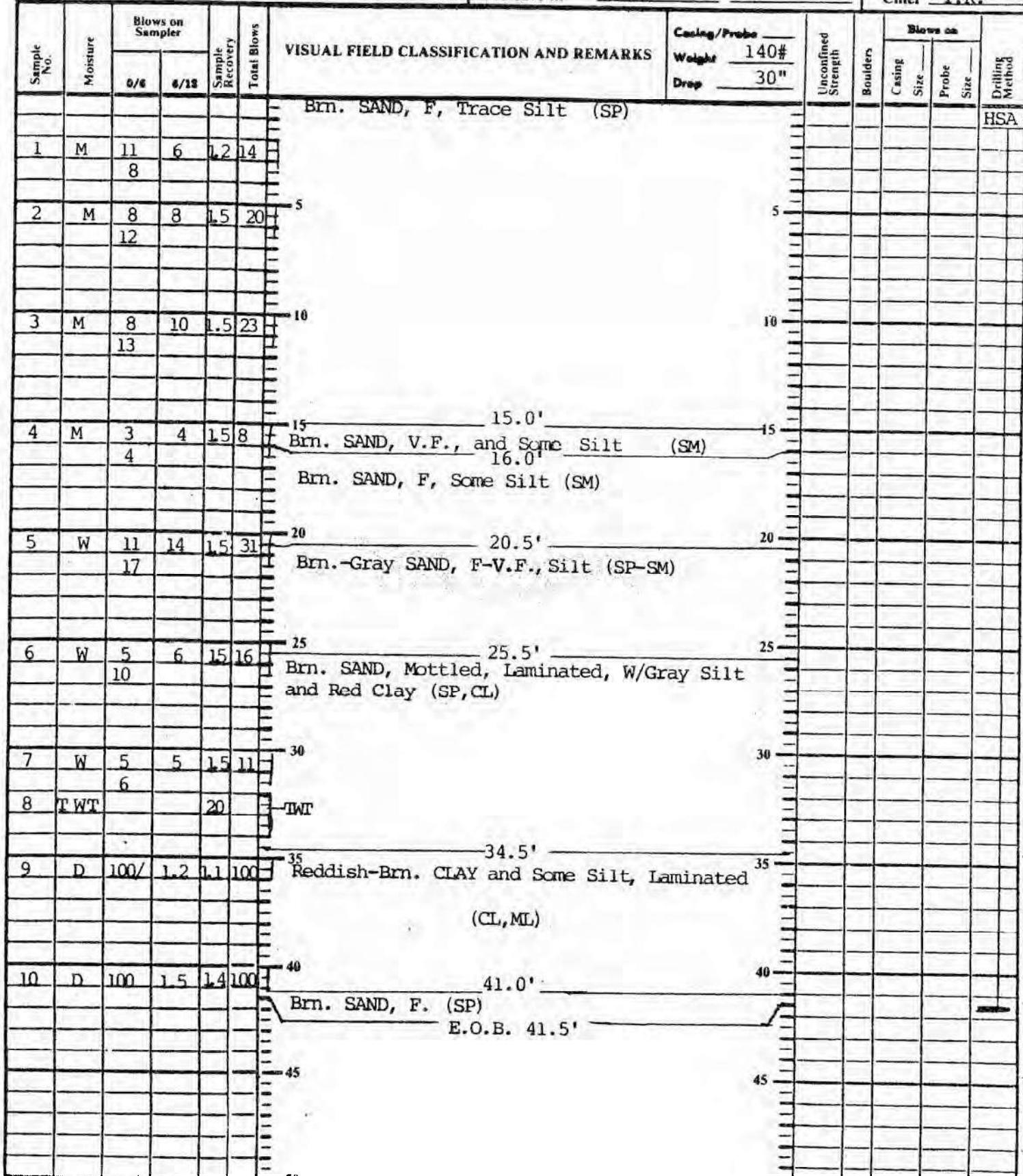
Job No. 875

875

GROUND: White drilling 20-0'

Boring No. B-12

REV. 1			Boring No. 2-12	
GROUND	While drilling	20.0'	Time after drilling	1 hr.
WATER	Before casing removal		Depth to water	—
	After casing removal		Depth to cave-in	19.5'



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION Adams County - Jensen Property

Elev. 973.12

Job No. 875

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.

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 of 1

SCHOFIELD, WISCONSIN

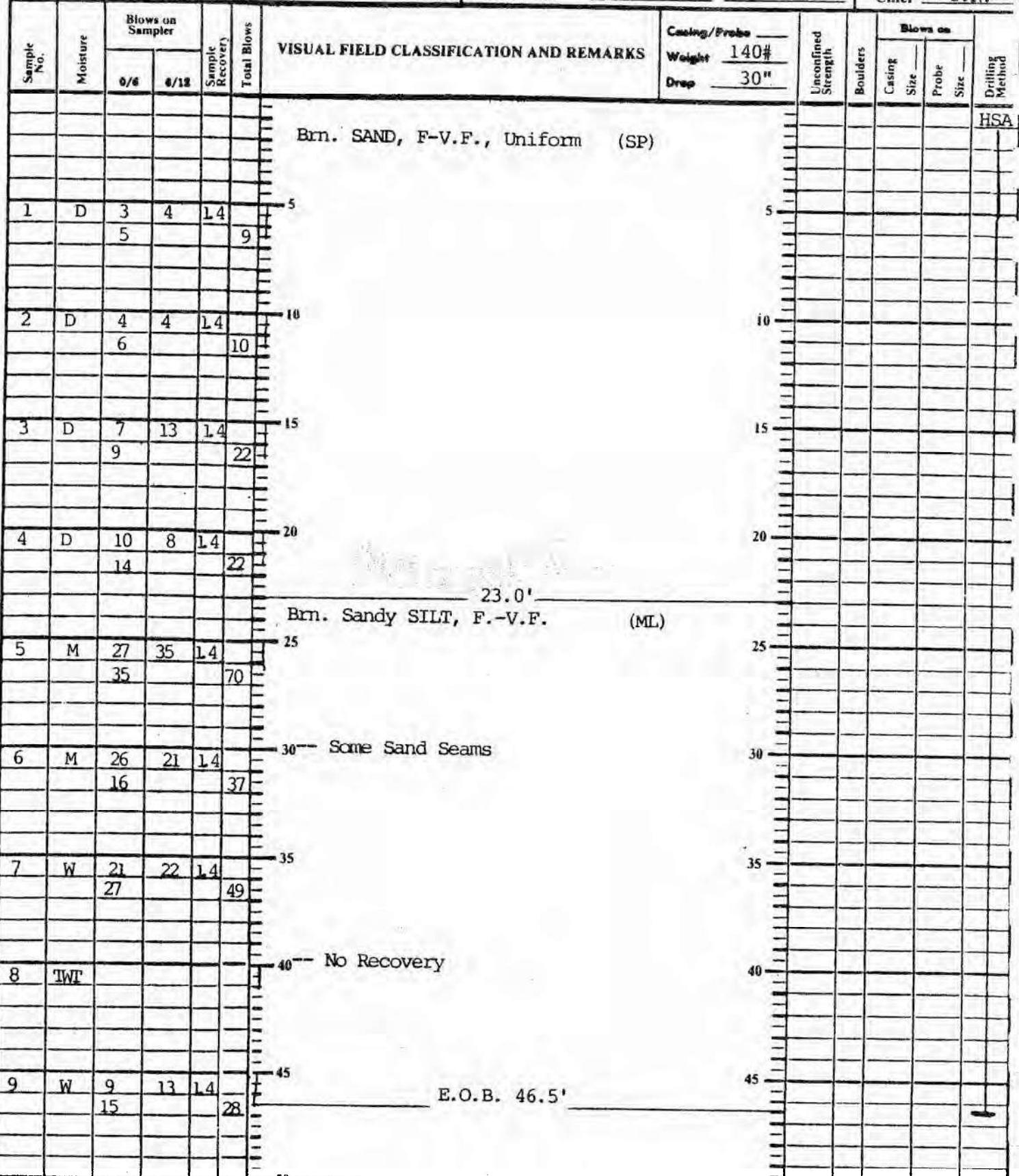
FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County, Jensen Property **Elev.** 972.62

Job No. 875

Boring No. B-14

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



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR Roth & Van Dyke Adams County Landfill

LOCATION Adams Co. - Jensen Property

Flex. 976, 65

Job No. 875

Boring No. B-15

ENV. 1000				Boring No. 10
GROUND	While drilling	39.7'	Time after drilling	½ hr.
WATER	Before casing removal		Depth to water	None
	After casing removal		Depth to cave-in	30.8'

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number B-100							
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 958.29		Borehole Dia. 8 "						
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741955.299N, 2010215.627E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' " ----- Long. <u> </u> ° <u> </u> ' "		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 Prairie								
SAMPLE		Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT			SUS	Graphic Log	Well Diagram	SOIL PROPERTIES				RQD/Comments
Number and Type	Length Att. & Recovered (in)		Blow Counts	SM	PID/HID				Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	
1 SS	X 24 20	7 4 4 3	SAND with SILT (SM); med-dense; strong brown; (7.5YR 5/6); moist; medium SAND			M						Lacustrine	
2 SS	X 24 20	4 5 6 5	As above, reddish yellow (7.5YR 6/6) fine SAND w/ strong brown (7.5YR 5/4) mottled appearance; interbedded of silt (varved appearance)			M						Lacustrine	
3 SS	X 24 22	3 2 3 4	SAND with interbedded CLAY (SC) layers. SAND; med-dense; reddish yellow (7.5YR 6/6); moist; fine SAND. Clay; brown (7.5YR 5/4); moist.	SP/SC		M						Lacustrine	
4 SS	X 24 20	6 9 7 19	- dense; wet no interbedding		GW encountered @ 16' during drilling Elevation: 942.29'	W						Lacustrine	
5 SS	X 24 24	22 19 19 19	SAND with SILT (SM); very dense; strong (7.5YR 5/6); wet; medium SAND	SP/SM		W						Lacustrine	
			SANDY lean CLAY (CL); firm; brown (7.5YR 5/3); wet; fine SAND	CL		W						Lacustrine	
	X	3	-			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

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.

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 RECOV- ERED (IN)	BLOW COUNT	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 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	
SS	24	7	-												
		9	-27												
			-28												
			-	End of boring @ 25 ft bgs (elevation 933.29')											
			-29												
			-	last split spoon from 25-27 ft bgs (elevation 931.29')											
			-30												
			-												
			-31												
			-32												
			-33												
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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-100	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 100	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>~16'</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>25</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		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 Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>25</u>	No. Yards, Sacks Sealant or Volume <u>8.73 ft³</u>	Mix Ratio or Mud Weight

(8) Comments: _____	

(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY		
Signature of Person Doing Work William Honea 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 ..
Remediation/Redevelopment ..

Waste Management ..
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																																																																																																							
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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 Long. ____ ° ____ ' ____ " Feet ____ S ____ Feet ____ W																																																																																																								
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie																																																																																																								
<table border="1"> <thead> <tr> <th colspan="2">SAMPLE</th> <th rowspan="2">Blow Counts</th> <th rowspan="2">Depth in Feet (Below ground surface)</th> <th colspan="3">SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT</th> <th rowspan="2">USCS</th> <th rowspan="2">Graphic Log</th> <th rowspan="2">Well Diagram</th> <th colspan="4">SOIL PROPERTIES</th> <th rowspan="2">RQD/Comments</th> </tr> <tr> <th>Number and Type</th> <th>Length Att. & Recovered (in)</th> <th colspan="3"></th> <th>PID/FID</th> <th>Compressive Strength</th> <th>Moisture Content</th> <th>Liquid Limit</th> <th>Plasticity Index</th> <th>P 200</th> </tr> </thead> <tbody> <tr> <td>1 SS</td> <td>24 20</td> <td>2 2 3 4</td> <td>-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25</td> <td>6 " Black sand w/orgamics (topsoil) SAND with SILT (SM); med-dense; brown (7.5YR 5/4); moist; fine SAND 7.5 YR 5/6 mottling no mottling reddish yellow (7.5 YR 6/6) mottling no mottling End of boring 19 ft bgs (elevation 941.28') groundwater not encountered</td> <td>OL SM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> <tr> <td>2 SS</td> <td>24 20</td> <td>3 4 4 5</td> <td>-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> <tr> <td>3 SS</td> <td>24 22</td> <td>5 13 20 26</td> <td>-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> <tr> <td>4 SS</td> <td>24 20</td> <td>13 14 18 16</td> <td>-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> <tr> <td>5 SS</td> <td>24 18</td> <td>13 22 21 22</td> <td>-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> </tbody> </table>				SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT			USCS	Graphic Log	Well Diagram	SOIL PROPERTIES				RQD/Comments	Number and Type	Length Att. & Recovered (in)				PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	1 SS	24 20	2 2 3 4	-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	6 " Black sand w/orgamics (topsoil) SAND with SILT (SM); med-dense; brown (7.5YR 5/4); moist; fine SAND 7.5 YR 5/6 mottling no mottling reddish yellow (7.5 YR 6/6) mottling no mottling End of boring 19 ft bgs (elevation 941.28') groundwater not encountered	OL SM								Lacustrine	2 SS	24 20	3 4 4 5	-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25										Lacustrine	3 SS	24 22	5 13 20 26	-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25										Lacustrine	4 SS	24 20	13 14 18 16	-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25										Lacustrine	5 SS	24 18	13 22 21 22	-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25										Lacustrine	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/Comments
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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 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-101	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 101	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>NA</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>19</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		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 Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>19</u>	No. Yards, Sacks Sealant or Volume <u>6.63 ft³</u>	Mix Ratio or Mud Weight

(8) Comments: _____	

(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY		
Signature of Person Doing Work William Honea 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 " Remediation/Redevelopment "

Waste Management " 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. <u> </u> ° <u> </u> ' <u> </u> "	Local Grid Location (If applicable) " N " E Long. <u> </u> ° <u> </u> ' <u> </u> " Feet " S Feet " W						
Facility Id. 701040560		County Adams	County Code 01	Civil Town/City or Village Town of Strong Prairie							
SAMPLE		Depth in Feet (Below ground surface)	Blow Counts	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT						P200	RQD/Comments
Number and Type	Length Att. & Recovered (in)			USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content		
1 SS	X 24 20	2 2 2 4	- -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15	8 " Black sand w/orgamics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND	OL SM			M			Lacustrine
2 SS	X 24 20	3 6 5 7	- -6 -7 -8 -9 -10 -11 -12 -13 -14 -15	Sand, fine				M			Lacustrine
3 SS	X 24 22	4 4 4 4	- -11 -12 -13 -14 -15					M			Lacustrine
4 SS	X 24 20	7 9 12 7	- -16 -17 -18 -19 -20	SANDY SILT (ML); hard; strong brown (7.5 YR 4/6); moist; fine SAND	ML			M			Lacustrine
5 SS	X 24 24	14 25 38 46	- -21 -22 -23 -24 -25	SAND with SILT (SM); very dense; brown (7.5 YR 5/4); wet fine SAND	SM		GW encountered @ 22' during drilling Elevation 938.84'	M	W		Lacustrine
	X	3	-		CL			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
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

Page 2 of 2

B-102 cont.

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		
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. (varied 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 shelby 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-102	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 102	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>-22'</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>27</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		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 Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>27</u>	No. Yards, Sacks Sealant or Volume <u>9.42 ft³</u>	Mix Ratio or Mud Weight

(8) Comments: _____	

(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY		
Signature of Person Doing Work William Honea 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 " Remediation/Redevelopment "

Waste Management " 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. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "		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 Prairie						
SAMPLE		Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT		USGS	Graphic Log	Well Diagram	SOIL PROPERTIES			RQD Comments
Number and Type	Length Att. & Recovered (in)		Blow Counts	PI/D/FID				Compressive Strength	Moisture Content	Liquid Limit	
1 SS	X 24 18	1 2 2 2	OL			M				Lacustrine	
2 SS	X 24 20	3 3 3 3	SM			M				Lacustrine	
3 SS	X 24 20	3 5 7 8				M				Lacustrine	
4 SS	X 24 20	3 6 12 18	ML			M				Lacustrine	
5 SS	X 24 18	13 22 32 53	SM			W				Lacustrine	
End of boring 22 ft bgs (elevation 937.52')			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								

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-103	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 103	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>-21'</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>22</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		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 Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>22</u>	No. Yards, Sacks Sealant or Volume <u>7.68 ft³</u>	Mix Ratio or Mud Weight

(8) Comments: _____	

(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY		
Signature of Person Doing Work William Honea 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 " Remediation/Redevelopment "

Waste Management " 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. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "		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 Prairie																																																																																														
<table border="1"> <thead> <tr> <th colspan="2">SAMPLE</th> <th rowspan="2">Blow Counts</th> <th rowspan="2">Depth in Feet (Below ground surface)</th> <th colspan="3">SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT</th> <th rowspan="2">USCS</th> <th rowspan="2">Graphic Log</th> <th rowspan="2">Well Diagram</th> <th colspan="4">SOIL PROPERTIES</th> <th rowspan="2">RQD/Comments</th> </tr> <tr> <th>Number and Type</th> <th>Length Att. & Recovered (in)</th> <th colspan="3"></th> <th>PID/FID</th> <th>Compressive Strength</th> <th>Moisture Content</th> <th>Liquid Limit</th> <th>Plasticity Index</th> <th>P 200</th> </tr> </thead> <tbody> <tr> <td>1 SS</td> <td><u>24</u> 18</td> <td>3 2 2 1</td> <td>- -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22</td> <td>6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND med-dense; brown (7.5 YR 5/4) reddish yellow (7.5 YR 6/6) brown (7.5 YR 5/4) End of boring 22 ft bgs (elevation 945.04') groundwater not encountered</td> <td>OL SM</td> <td></td> <td></td> <td>M</td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> <tr> <td>2 SS</td> <td><u>24</u> 20</td> <td>3 3 5 6</td> <td>- -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22</td> <td></td> <td></td> <td></td> <td>M</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> <tr> <td>3 SS</td> <td><u>24</u> 20</td> <td>5 6 6 8</td> <td>- -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22</td> <td></td> <td></td> <td></td> <td>M</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> <tr> <td>4 SS</td> <td><u>24</u> 20</td> <td>2 4 5 11</td> <td>- -16 -17 -18 -19 -20 -21 -22</td> <td></td> <td></td> <td></td> <td>M</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> <tr> <td>5 SS</td> <td><u>24</u> 18</td> <td>8 11 11 15</td> <td>- -21 -22 -23 -24 -25</td> <td></td> <td></td> <td></td> <td>M</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lacustrine</td> </tr> </tbody> </table>			SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT			USCS	Graphic Log	Well Diagram	SOIL PROPERTIES				RQD/Comments	Number and Type	Length Att. & Recovered (in)				PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	1 SS	<u>24</u> 18	3 2 2 1	- -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND med-dense; brown (7.5 YR 5/4) reddish yellow (7.5 YR 6/6) brown (7.5 YR 5/4) End of boring 22 ft bgs (elevation 945.04') groundwater not encountered	OL SM			M					Lacustrine	2 SS	<u>24</u> 20	3 3 5 6	- -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22				M						Lacustrine	3 SS	<u>24</u> 20	5 6 6 8	- -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22				M						Lacustrine	4 SS	<u>24</u> 20	2 4 5 11	- -16 -17 -18 -19 -20 -21 -22				M						Lacustrine	5 SS	<u>24</u> 18	8 11 11 15	- -21 -22 -23 -24 -25				M						Lacustrine	
SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT			USCS	Graphic Log	Well Diagram				SOIL PROPERTIES					RQD/Comments																																																																																	
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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-104	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 104	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>NA</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>22</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		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 Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>22</u>	No. Yards, Sacks Sealant or Volume <u>7.68 ft³</u>	Mix Ratio or Mud Weight

(8) Comments: _____	

(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY		
Signature of Person Doing Work William Honea 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 " Remediation/Redevelopment "

Waste Management " Other "

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number B-105							
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 970.92	Borehole Dia. 8 "						
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741954.001 N, 2010654.202 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "		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 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	SOIL PROPERTIES				RQD/Comments
Number and Type	Length Att. & Recovered (in)		OL	SM	PID/FID				Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	
1 SS	X 24 18	1 -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									Lacustrine	
2 SS	X 24 18	4 -6 6 6 8	light brown (7.5 YR 6/4)									Lacustrine	
3 SS	X 24 20	4 4 4 7										Lacustrine	
4 SS	X 24 20	7 9 11 16										Lacustrine	
5 SS	X 24 20	7 9 10 9	medium SAND; (varved appearance)									Lacustrine	
	X	13 -										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

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

Page 2 of 2

B-105 cont.

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 PENETRATION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	
6 SS	24 24	15 17 15	-26 -27	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	CL					M			Lacustrine
			-28 -29 -30										
7 SS	24 24	13 18 19 18	-31 -32	SAND with SILT (SM); dense; brown (7.5 YR 5/4); moist; fine to medium SAND	SM					W			Lacustrine
			-33 -34 -35										
8 ST	24 24	10 4 6 9	-36 -37	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					M			Lacustrine
			-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 @ 37 ft bgs (elevation 933.92') Offset and collected shelby tube @ 35-37'									

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

Signature

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

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>~32</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>37</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
(7) Sealing Material Used Chipped Bentonite		(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) _____	
		From (ft.) <u>0</u>	To (ft.) <u>37</u>
		No. Yards, Sacks Sealant or Volume <u>12.91 ft³</u>	
		Mix Ratio or Mud Weight _____	
(8) Comments: _____			
(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY	
Signature of Person Doing Work William Honea for PSI		Date Signed <u>11/23/2015</u>	
Street or Route N17 W24222 Riverwood Drive, Suite 310		Telephone Number <u>262.522.4924</u>	
City, State, Zip Code Waukesha, WI 53188			

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..Waste Management ..
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. <u> </u> ° <u> </u> ' <u> </u> " -----	Local Grid Location (If applicable) " N " E Long. <u> </u> ° <u> </u> ' <u> </u> " Feet " S Feet " W									
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie								
SAMPLE		Depth in Feet (Below ground surface)	Blow Counts	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT		USCS	Graphic Log	Well Diagram	SOIL PROPERTIES				RQD Comments
Number and Type	Length Att & Recovered (in)			OL	SM				FID/FID	Compressive Strength	Moisture Content	Liquid Limit	
1 SS	24 20	2	-	6 " Black sand w/orgamics (topsoil)	SM							Lacustrine	
		1	-1	SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND									
2 SS	24 24	3	-3	fine SAND	SM							Lacustrine	
		3	-6										
3 SS	24 20	3	-6	fine SAND	SM							Lacustrine	
		3	-11										
4 SS	24 24	5	-8	SILTY CLAY (CL/ML); stiff; brown (7.5 YR 5/4); moist Sampled with shelby tube from 22-24' but did not get recovery from the clay unit	CL/ML							Lacustrine	
		9	-16										
5 SS	24 20	8	-13	SILTY CLAY (CL/ML); stiff; brown (7.5 YR 5/4); moist Sampled with shelby tube from 22-24' but did not get recovery from the clay unit	CL/ML							Lacustrine	
		5	-21										
6 ST	24 24	NA	-21	End of boring @ 22 ft bgs (elevation 940.82') SAND with SILT (SM); dense; brown (7.5 YR 5/4); moist	SM							Lacustrine	
		7	-23										
			-24	ground water not encountered									
			-25										

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

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>NA</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>22</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		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 Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>22</u>	No. Yards, Sacks Sealant or Volume <u>7.68 ft³</u>	Mix Ratio or Mud Weight

(8) Comments: _____	

(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY		
Signature of Person Doing Work William Honea 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				

FIELD BORING LOG

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County, Wisconsin

Elev. 958.51

Sheet 1 of 1

Job No. 542

Boring No. MW-1

Start 6/7/84
Unit 750
Chief RL

GROUND	While drilling	20.0'	Time after drilling	$\frac{1}{4}$ hr.
WATER	Before casing removal	--	Depth to water	20.0'
	After casing removal	--	Depth to cave-in	--

FIELD BORING LOG

Sheet 2 Of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

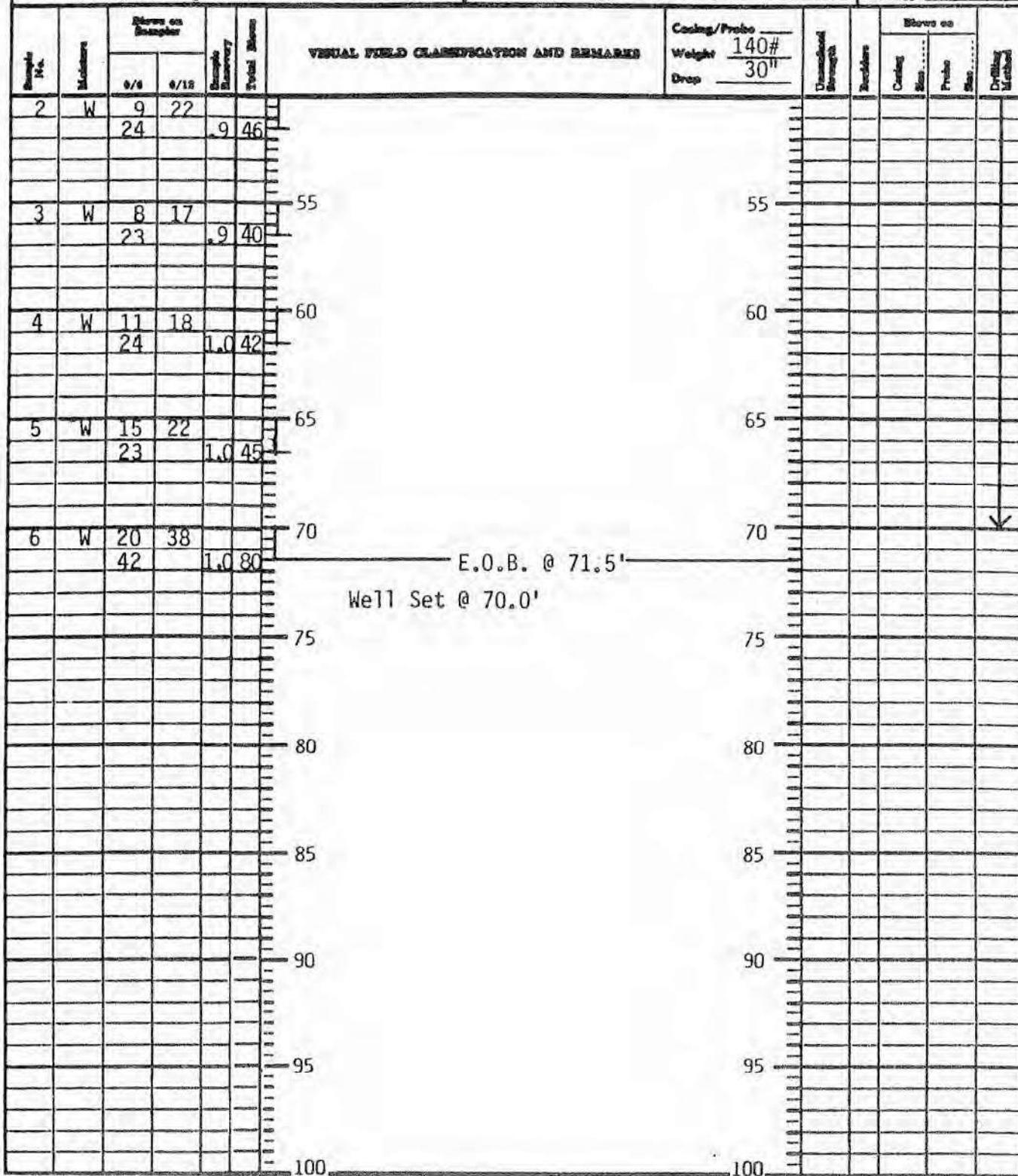
Adams Co., WI

Elev.

Job No. 1084

Boring No. MW-1P

GROUND	While drilling	Time after drilling	1 day	Start 7-15-87
	Before casing removal	Depth to water	23.1	Unit 45-B
WATER	After casing removal	Depth to cave-in		Chief LE



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM437
DNR Well ID No. 003

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION Adams County, WI

Eleven. 963.80

Job No. 542

Boring No. MW-2

Start 6/6/84

Unit 750

Chief RL

1100

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM438
DNR Well ID No. 004

Sheet 1 of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

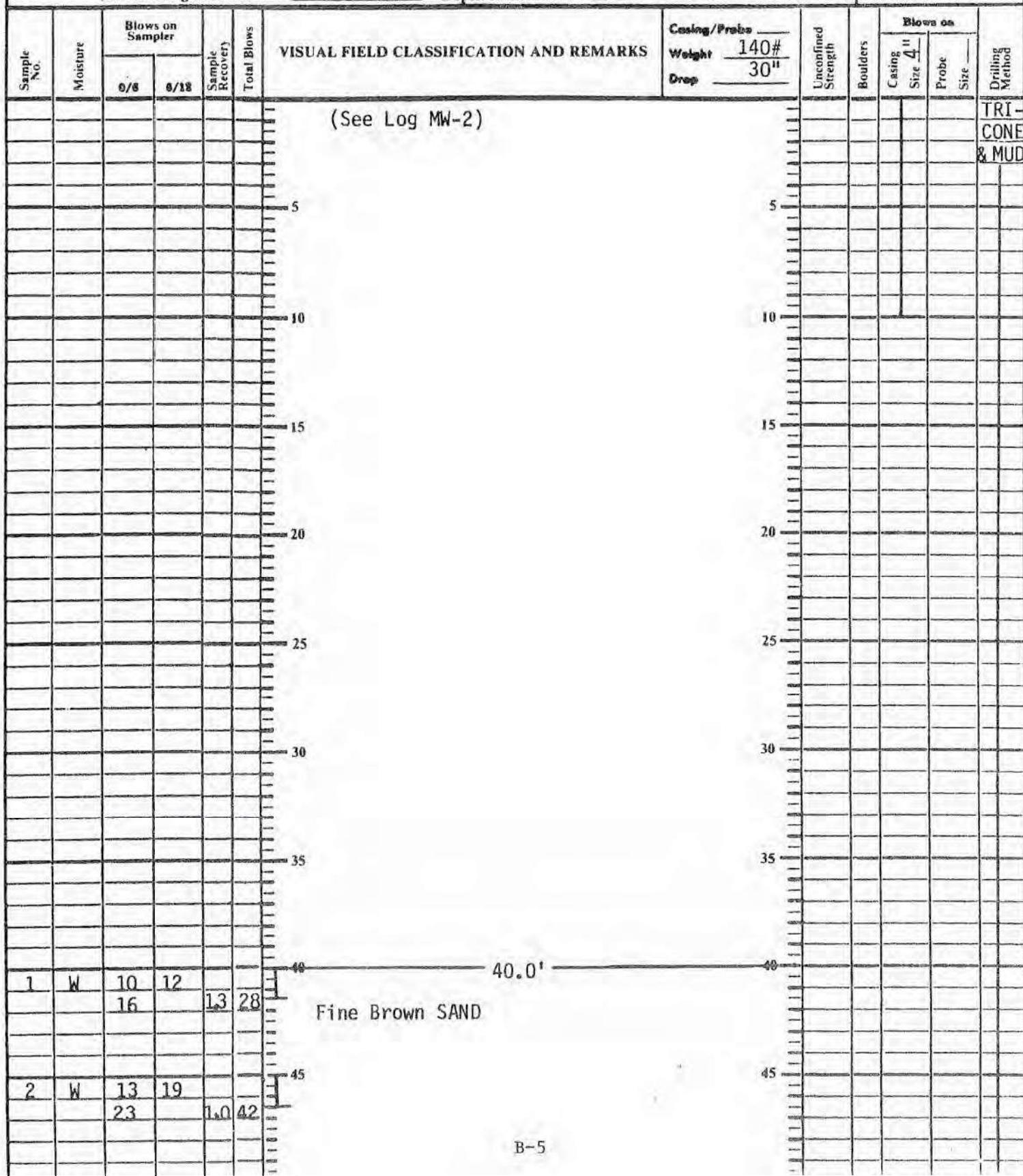
Adams Co., WI

Eley.

Job No. 1084

Boring No. MW-2P

GROUND	While drilling	Time after drilling	1 day	Start 7-14-87
WATER	Before casing removal	Depth to water	26.5'	Unit 45-B
	After casing removal	Depth to cave-in		Chief L.E.



FIELD BORING LOG

Sheet 2 of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

Adams Co., WI

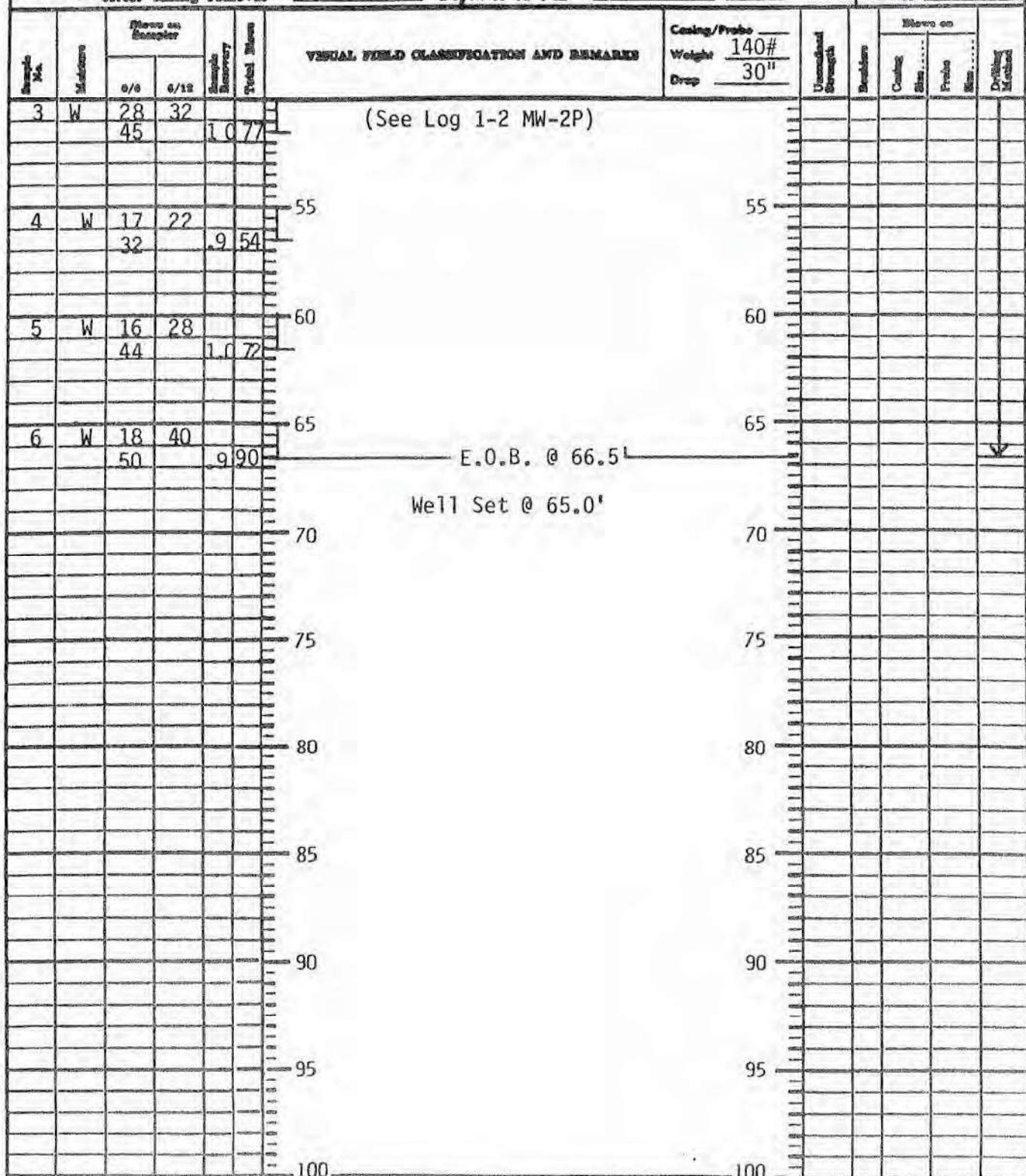
Elev.

Job No. 1084

Boring No. MW-2P

<u>GROUND</u>	While drilling	Time after drilling	1 day
	Before casing removal	Depth to water	26.5'
<u>WATER</u>	After casing removal	Depth to caving	

Start 7-14-87
Unit 45-B
Chief L.E.



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM441
DNR Well ID No. 007

Sheet 2 of 2

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION

—Elwy.

Job No. 875

Boring No. MW-6

GROUND While drilling

Time after drilling

Before casing removal

Depth to water

WATER **BEFORE CAVING REMOVED**
After caving removed

Depth to cave-in

Start 6-9-86

Unit 45-C

Chief J.W.

Ciner 3000

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County - Jensen Property Elev.

Job No. 875

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				Total Blows	Visual Field Classification and Remarks	Casing/Probe Weight Dress	Unconfined Strength	Boulders	Casing Size	Probe 4" Size	Drilling Method
		6/8	6/18	Sample Recover	Total								
							0-50' See MW-6 Log						
							53.0'						
							Brn SAND, F-M, Trace Silt (SP)						
1	W	19	19	.8		55							
		28			47								
2	W	100	1.2			60							
				.9	100								
3	W	100	1.0			65							
				.8	100								
4	W	39	29			70							
		38		1.0	67								
5	W	100	.8			75							
			.5	100									
6	W	20	26			80							
		37		.5	63								
7	W	100	1.0	.5	100	85							
8	W	100	.5	.3	100	90							
9	W	100	1.0	.5	100	95							
10	W	100	.8	.5	100	100							
							Well Set at 72.2'						
							E.O.B. 100.8'						

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM443
DNR Well ID No. 009

Sheet 1 Of 1

Job No. 875

Boring No. MW-7

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION Adams County - Jensen Property

Elsey. 966.06

GROUND While drilling

26.0°

Time after drilling

966.0

Before casing removal

— 2 —

Depth to water

25.4'

WATER After casing removal

1000

Depth to cave-in

二二

WISCONSIN TEST DRILLING, INC.

WI Unique Well No. DM444
DNR Well ID No. 010

FIELD BORING LOG

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke
LOCATION Adams County

Adams County Landfill

966.06

Sheet 1 of 1

— of 1

Job No. 875

Boring No. MW-7P

Start 6-10-86
Unit 45-C
Chief J.W.

GROUND While drilling
WATER Before casing removal
After casing removal

Time after drilling

Depth to water

Depth to cave-in

VISUAL FIELD CLASSIFICATION AND REMARKS

Costing/Breaks _____

“*It is the first time in my life that I have been so deeply moved by a speech.*”

1950 1951 1952 1953 1954

— — — — **Tr**

E.O.B. 65.8'
Well Set at 62.7'

FIELD BORING LOG

Sheet 2 of 2

SCHOFIELD, WISCONSIN

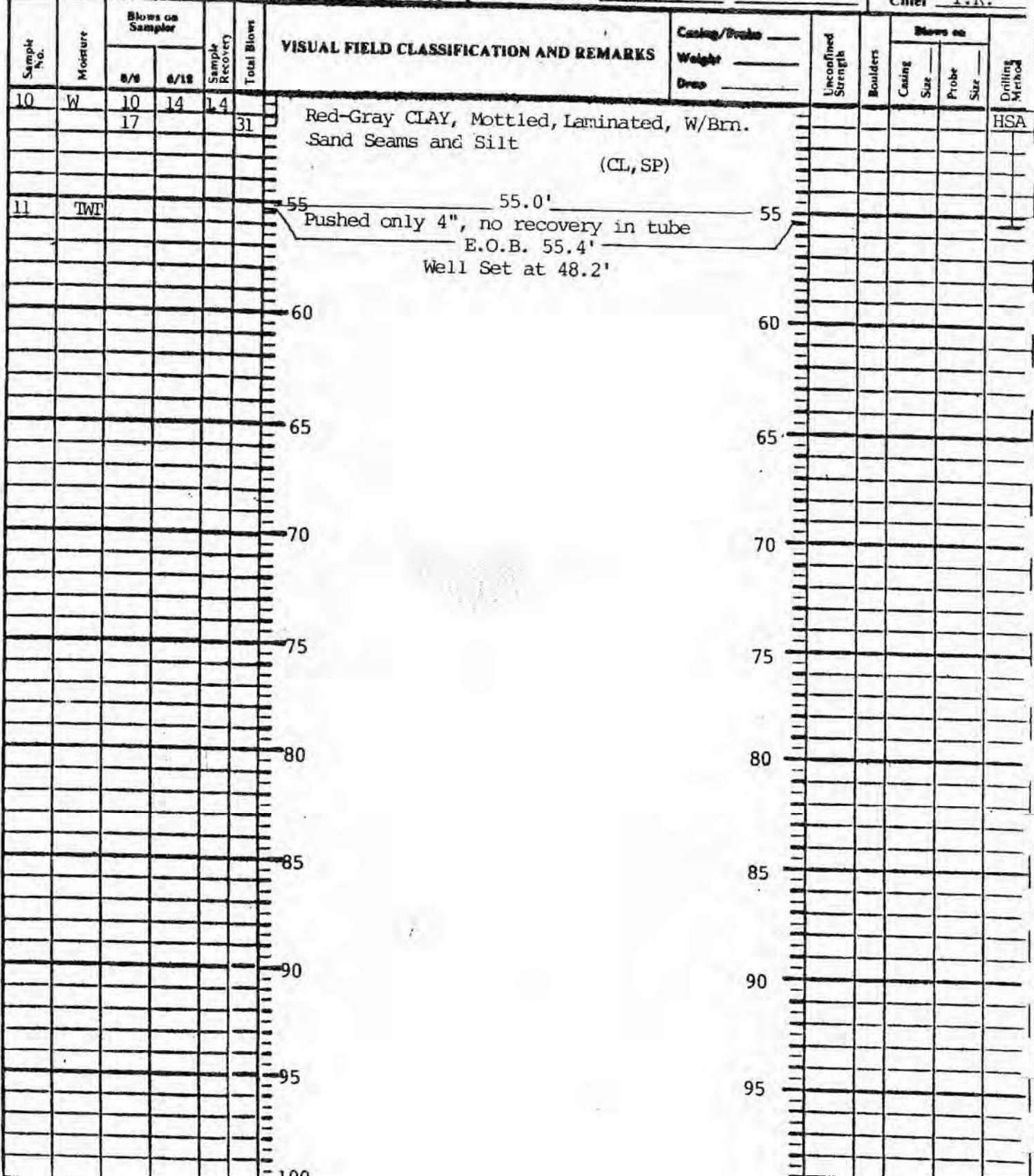
FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County - Jensen Property Elev.

Job No. 875

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.



FIELD BORING LOG

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County - Jensen Property **ELM** 963.08

Sheet 1 of 1

Job No. 875

Boring No. MW-9

GROUND	While drilling	21.0'	Time after drilling	1 hr.
WATER	Before casing removal		Depth to water	20.8'
	After casing removal		Depth to cave-in	--

Start 6-10-86
Unit Bomb
Chief T-K

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM447
DNR Well ID No. 013

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County

LOCATION Jensen Property

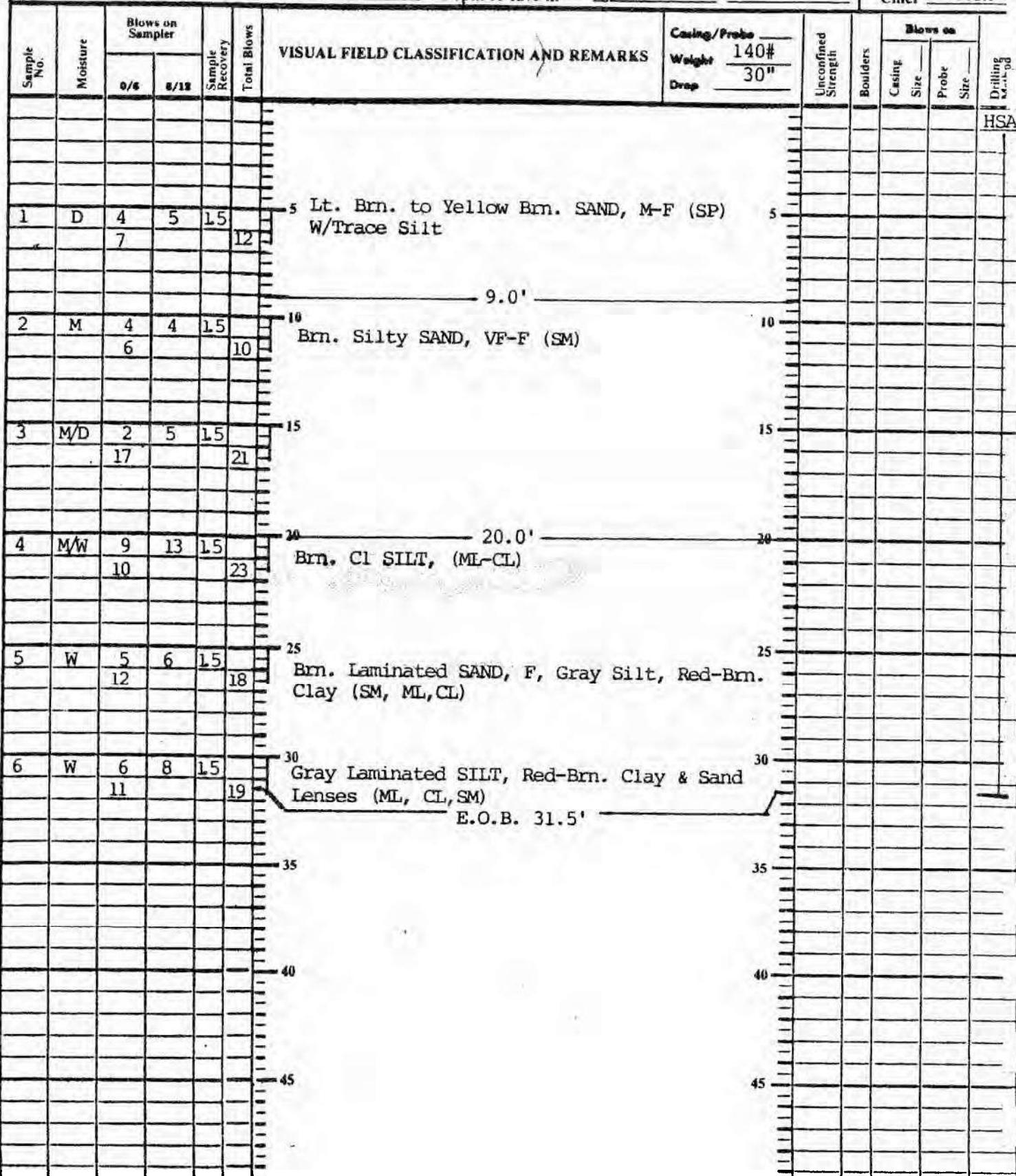
—Eley.

Job No. 907

907

Boring No. MW-16

Lav.		Boring No. 12-18	
GROUND	White drilling	Time after drilling	$\frac{1}{4}$ hr. 22.0'
WATER	Before casing removal	Depth to water	
	After casing removal	Depth to cave-in	



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	White drilling	42'	Time after drilling	1Hr.	Start	8-11-86
WATER	Before casing removal		Depth to water	37'	Unit	Bomb

After casing removal

Depth to cave-in

Sample No.	Moisture	Blows on Sampler			Visual Field Classification and Remarks	Casing/Probe Weight Drop	Unconfined Strength	Blows on		Drilling Method
		0/6	6/12	Sample Recovery				Boulders	Casing Size	
1	D	7	6	15	Brn. SAND, M-F, Trace Silt (SP)	140# 30"	5			HSA
		6		12						
2	D	4	4	15	Lt. Brn. SAND, M-F, Tr. Silt (SP)		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)		25			
		10		18						
6	M	6	6	15			30			
		6		12						
7	M/W	13	7	15	35.5'		35			
		29		36	Brn. SILT W/Clay (ML-CL)					
8	M/W	9	29	15			40			
		20		49	Brn. Silty SAND, M, W/Clay & Silt Lenses (SM,ML,CL)					
9	W	5	6	15	45					
		11		17	Brn. Laminated SILT, Red Clay, w/Sand Lenses (ML,CL,SM)					
10		100/	1.1		50	E.O.B. 51.1'				

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM449
DNR Well ID No. 015

Sheet 1 of 2

BCHOFIELD, WISCONSIN

FOE F&VD

Adams County Landfill

LOCATION

Adams Co., WI

Eley.

Job No. 1084

Boring No. 17-P

GROUND While drilling

Time after drilling 1 day

GROUND *With drilling*

Time after drilling 3 days
Depth to water 44.8'

Start 7-13-87

Start
Unit B-45

Chief L.E.

WATER Before casing removal
 After casing removal

Depth to water

After Casting Removal

Depth to base of

**Blows on
Sampler**

FIELD BORING LOG

Sheet 2 of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

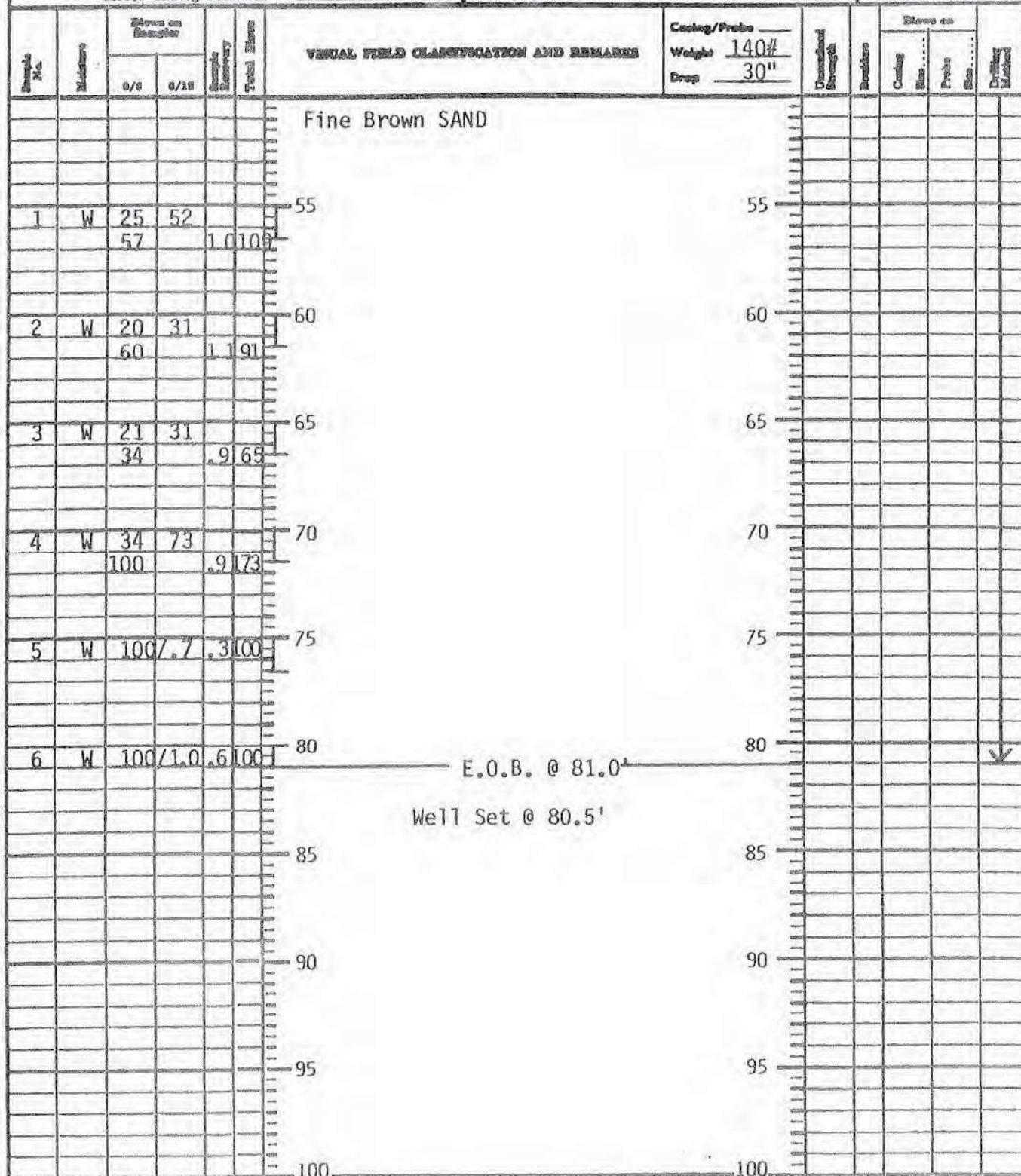
Adams Co., WI

Elev.

Job No. 1084

Boring No. MW-17P

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



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM450
DNR Well ID No. 016

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County

LOCATION Jensen Property

—Eisy.

Job No. 907

907

Boring No. MW-18

GROUND	While drilling	25'	Time after drilling	1 hr.		Start 8-12-86
WATER	Before casing removal		Depth to water	23.7'		Unit Bomb
	After casing removal		Depth to cave-in			Chief T.K.

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM451
DNR Well ID No. 017

Sheet 1 Of 2

SCHOFIELD, WISCONSIN

FOR F&MD Adams County

LOCATION Jensen Property

—Eley.

Job No. 907

Boring No. MW-18P

GROUND While drilling

Time after drilling

Start 8-12-86

WATERED Before casing removal

Depth to water

Start 8-12-0
Unit Bomb

WATER After casing removal

Depth to water

Chief T.K.

FIELD BORING LOG

BONFIELD, WISCONSIN

FOR F&VD

Adams County

LOCATION Jensen Property

- Elev.

Job No. 907

Boring No. MW-18P

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

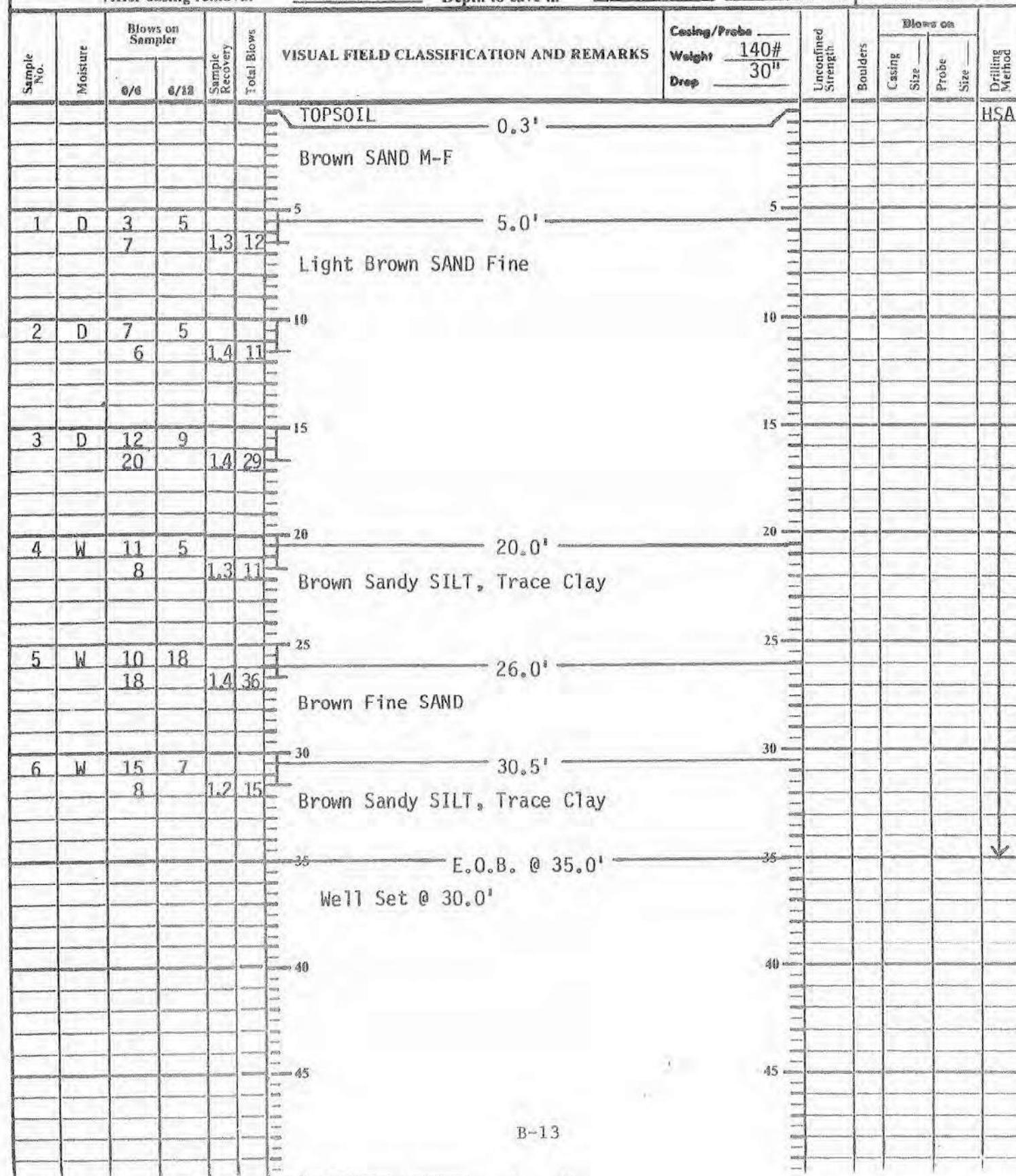
Adams County, WI

Elev.

Job No. 1084

Boring No. MW-19

GROUND	While drilling	Time after drilling	1 day	Start	7-15-87
	Before casing removal	Depth to water	22.5	Unit	45-B
WATER	After casing removal	Depth to cave-in		Chief	L.F.



Sheet 1 of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

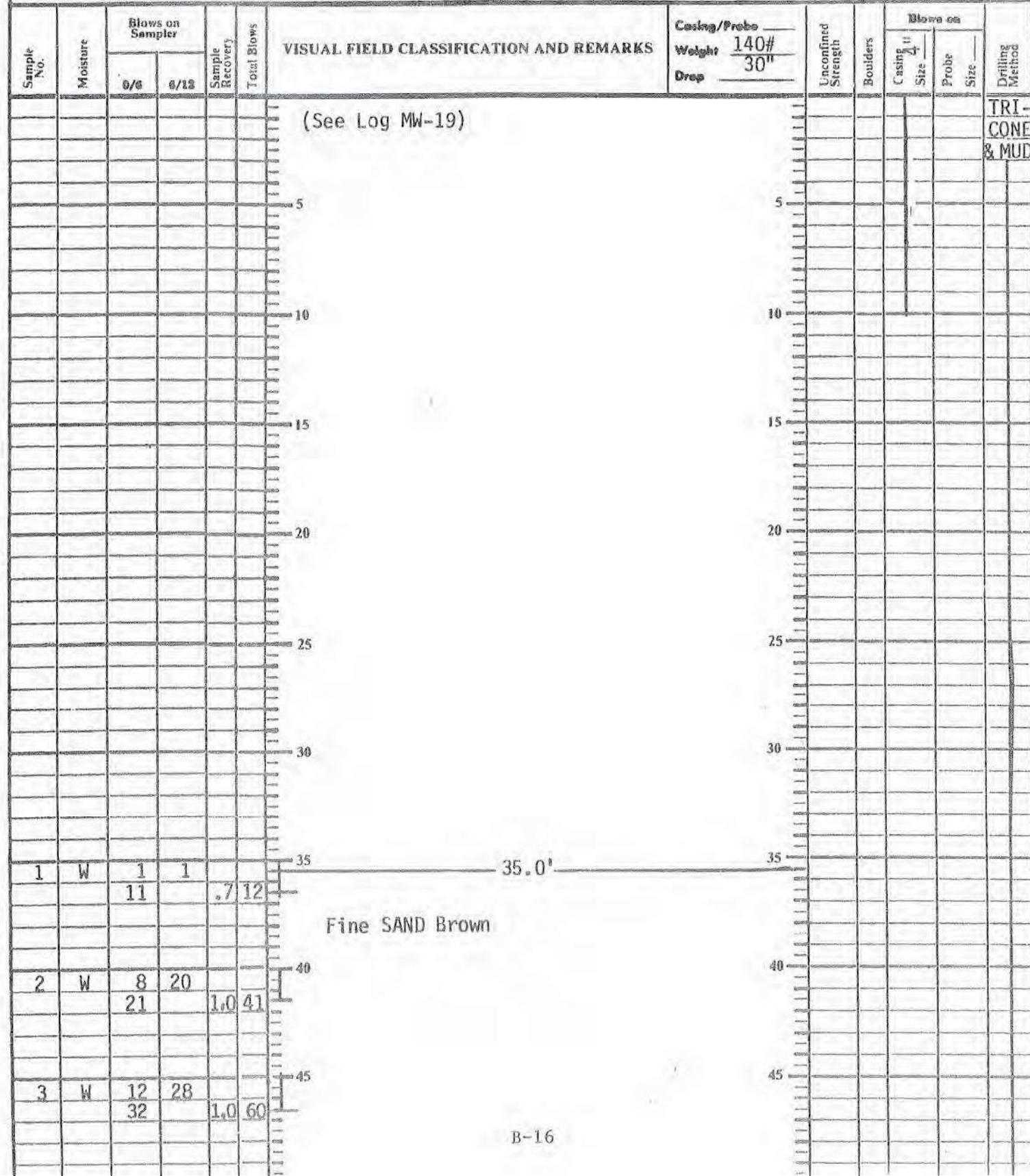
Adams County, WI

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.



FIELD BORING LOG

Sheet 2 of 2

SCHOFIELD, WISCONSIN

FOR F&VD Adams County Landfill

LOCATION Adams Co., WI Elev.

Job No. 1084

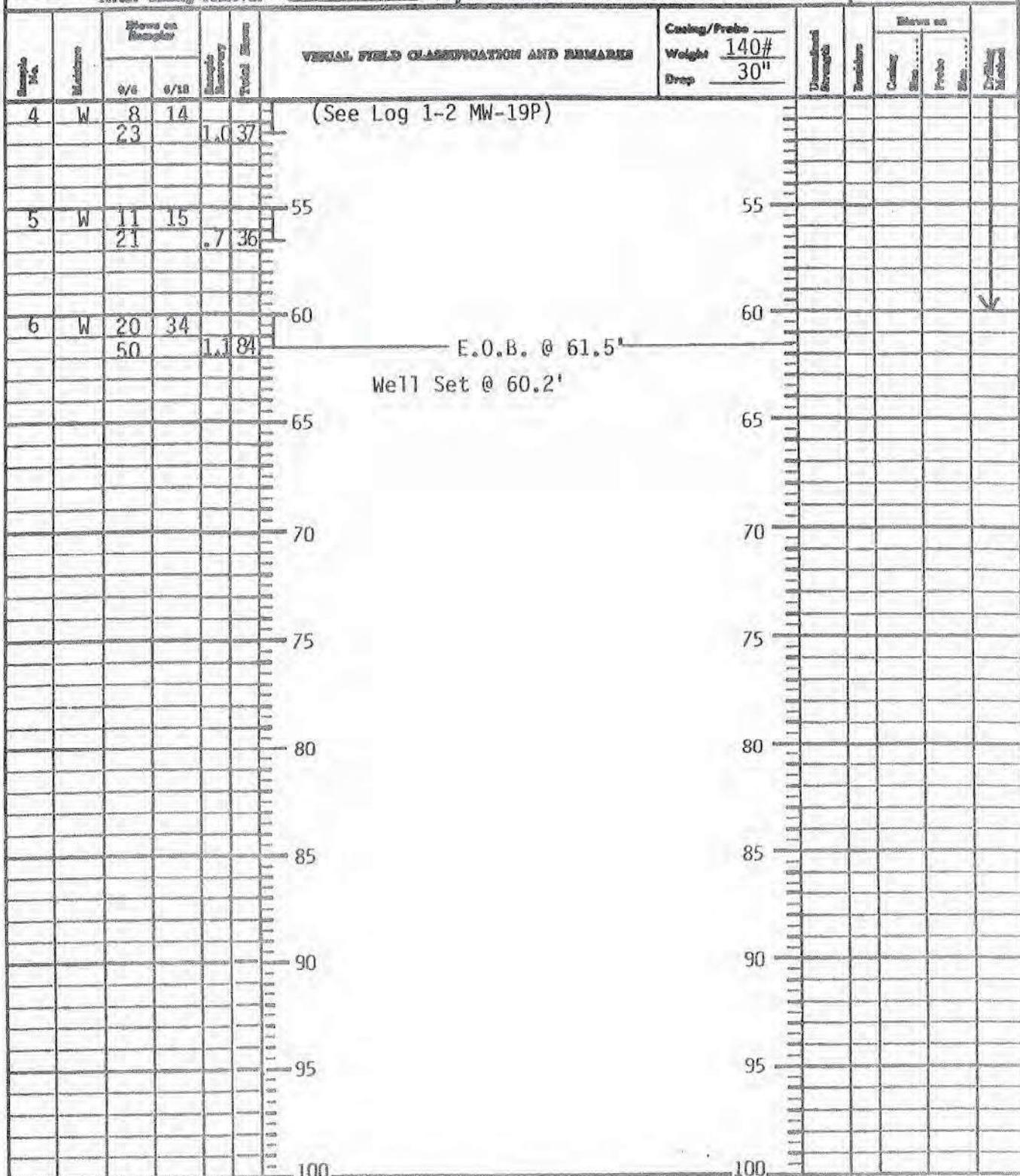
Boring No. MW-19P

GROUND	White drilling	Time after drilling	1 day
	Before casing removal	Depth to water	28.8'
WATER	After casing removal	Depth to cave-in	

Start 7-15-87

Unit 45-B

Chief L.L.



LOG OF TEST BORING NO.: MW-20

CLIENT: ADAMS COUNTY
 PROJECT: ADAMS COUNTY DEMO LANDFILL
 PROJECT NUMBER: 89A18
 LOCATION: 114+55N 105+80E

SURFACE ELEVATION: 969.44

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		
	-									
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)	ML		
	-									
929.44	-- 40	39-40.5	SS	9	56	1.5	Varved CLAY, (10YR 5/3) & (5YR 4/6)	CL		
	-									
							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

CLIENT: ADAMS COUNTY
 PROJECT: ADAMS COUNTY DEMO LANDFILL
 PROJECT NUMBER: 89A18
 LOCATION: 116+30N 105+70E

SURFACE ELEVATION: 964.81

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									

DRILLING DATA

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.)

WATER LEVEL INFORMATION

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:		

Facility/Project Name Adams County Landfill- Recycling Facility			License/Permit/Monitoring Number 3150		Boring Number MW-25										
Boring Drilled By (Firm name and name of crew chief) WTD/Longyear			Date Drilling Started 09/14/90		Date Drilling Completed 09/14/90										
DNR Facility Well No. 045			WI Unique Well No. GN076		Common Well Name MW-25										
Boring Location			Final Static Water Level 934.0 Feet MSL		Surface Elevation 962.2 Feet MSL										
State Plane 10870.00 N, 11566.00 E			Lat 0° 1' 0"		Borehole Diameter 8.5 Inches										
1/4 of NE 1/4 of Section 13 T 18 N, R 5			Long 0° 1' 0"		Local Grid Location (If applicable) <input checked="" type="checkbox"/> N <input type="checkbox"/> S <input checked="" type="checkbox"/> E <input type="checkbox"/> W										
County Adams			DNR County Code 01		Civil Town/City/ or Village Strong Prairie										
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				P 200	RQD/ Comments
Number	Length (in) Recovered									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit		
1	18	6 8 10	2.5	Light Brown Fine SAND		SP				18	M				
2	18	5 6 12	5.0							18	M				
3	18	15 7 8	7.5							15	M				
4	18	25 18 26	10.0			ML				44	M				
4	18	25 18 26	12.5	Red brown CLAYEY SILT light brown fine sand seam at 15.5 to 16.5 ft.		ML				44	M				
5	18	34 21 24	15.0							45	M				
5	18	34 21 24	17.5							45	M				
6	18	16 13 14	20.0							27	M/W				
6	18	16 13 14	22.5												
6	18	16 13 14	25.0	Light brown fine SILTY SAND		SM									
6	18	16 13 14	27.5	Red Brown CLAYEY SILT		ML									
			30.0												

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

Signature

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.

Boring Number		MW-25		Use only as an attachment to Form 4400-122.		Page 2 of 2		
Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit		Soil Properties		RQD/Comments
U S C S	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	
7	18	12 14 17	32.5					
8	18	19 35 43	35.0					
			37.5	End of boring at 36.5 ft.				
			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 Adams County Landfill- Recycling Facility			License/Permit/Monitoring Number 3150		Boring Number MW-26								
Boring Drilled By (Firm name and name of crew chief) WTD/Longyear			Date Drilling Started 09/17/90	Date Drilling Completed 09/17/90	Drilling Method 4 1/4 I.D. HSA								
DNR Facility Well No. 046		WI Unique Well No. GN077	Common Well Name MW-26	Final Static Water Level 934.0 Feet MSL	Surface Elevation 960.0 Feet MSL	Borehole Diameter 8.5 Inches							
Boring Location State Plane 1/4 of NE		10629.00 N, 11413.00 E		Lat 0° 11' 00"	Local Grid Location (If applicable) N <input checked="" type="checkbox"/> E <input type="checkbox"/>								
1/4 of Section		13	T 18 N.R 5	Long 0° 11' 00"	Feet <input type="checkbox"/> S	Feet <input type="checkbox"/> W							
County Adams			DNR County Code 01	Civil Town/City/ or Village Strong Prairie									
Sample Number	Soil/Rock Description And Geologic Origin For Each Major Unit				U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties				RQD/ Comments
	Length (in) Recovered	Blow Counts	Depth In Feet						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	7.5					ML		35	M		
4	18	25 38 42	10.0	Red brown CLAYEY SILT				ML		80	M		
4	18	25 38 42	12.5										
4	18	25 38 42	15.0	Light Brown SILT				ML					
5	18	32 29 29	17.5					CL SP ML					
5	18	32 29 29	20.0	3" CLAY seam						58	M/W		
5	18	32 29 29	22.5	Light Brown Fine SAND									
5	18	32 29 29	25.0	Light Brown SILT									
6	18	8 10 9	27.5	Red Brown Silty CLAY				CL		19	W		
6	18	8 10 9	30.0										

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

Signature

Firm

Mid-State Associates, Inc.

1230 South Boulevard Baraboo, WI 53913

Tel: (608) 356 2771 Fax: (608) 356 2770

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Boring Number **MW-26**

Use only as an attachment to Form 4400-122.

Page 2 of 2

Facility/Project Name Adams County Landfill- Recycling Facility			License/Permit/Monitoring Number 3150		Boring Number MW-27								
Boring Drilled By (Firm name and name of crew chief) WTD/Longyear			Date Drilling Started 09/13/90		Date Drilling Completed 09/13/90								
DNR Facility Well No. 047 WI Unique Well No. GN078 Common Well Name MW-27			Final Static Water Level 934.0 Feet MSL		Surface Elevation 977.0 Feet MSL								
Boring Location State Plane 1/4 of NE 1/4 of Section 13 T 18 N, R 5			Lat 0° 1' 11" Long 0° 1' 11"		Borehole Diameter 8.5 Inches								
County Adams			DNR County Code 01		Local Grid Location (If applicable) Strong Prairie								
Number	Sample Length (in) Recovered	Blow Counts Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S SP	Graphic Log	Well Diagram	P/D/FID	Soil Properties				P 200	RQD/ Comments
								Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit		
1	24	5 6 7 7	Light Brown Fine SAND	SP				13	M				
2	24	5 7 7 9		SP				14	M				
3	18	4 7 10		SP				17	M				
4	18	11 7 12	Light Brown Fine SILTY SAND with organics	SM				19	M				
5	18	9 10 14	Red Brown CLAYEY SILT	ML				24	M				
30.0													

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

Signature

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Boring Number **MW-27**

Use only as an attachment to Form 4400-122.

Page 2 of 2

7-91

Facility/Project Name Adams County Landfill- Recycling Facility				License/Permit/Monitoring Number 3150		Boring Number MW-28										
Boring Drilled By (Firm name and name of crew chief) WTD/Longyear				Date Drilling Started 09/15/90		Date Drilling Completed 09/15/90										
DNR Facility Well No. 048		WI Unique Well No. GN079		Common Well Name MW-28		Final Static Water Level 934.2 Feet MSL										
Boring Location State Plane 1/4 of NE		10263.00 N, 11657.00 E		Lat 0° 0' 0"		Surface Elevation 971.2 Feet MSL										
1/4 of Section		13 T 18 N, R 5		Long 0° 0' 0"		Borehole Diameter 8.5 Inches										
County Adams				DNR County Code 01		Civil Town/City/ or Village Strong Prairie										
Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit				U S C S SP	Graphic Log	Well Diagram	P/D/FID	Soil Properties				RQD/ Comments
				Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit					P 200				
1	14	4 5 5 7	2.5	Light Brown Fine SAND								10	M			
2	18	3 3 5 7	5.0									8	M			
3	14	4 5 7	7.5									12	M			
4	18	13 24 20	10.0									44	M			
5	18	10 12 11	12.5									23	W			
6	18	10 18 40	15.0	Red Brown SILT				ML				58	M/W			
			17.5													
			20.0													
			22.5													
			25.0	Red Brown Clayey Silt seam at 25 to 26.5 ft												
			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

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1230 South Boulevard Baraboo, WI 53913

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Boring Number **MW-28**

Use only as an attachment to Form 4400-122.

Page 2 of 2

7-91

Sample		Soil/Rock Description And Geologic Origin For Each Major Unit			Soil Properties									
Number	Length (in) Recovered	Blow Counts	Depth In Feet	U S C S	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/Comments	
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 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	End of boring at 47.0 ft.					38	W				

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
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/D		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. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "	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 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	SOIL PROPERTIES				P 200	RQD/Comments
Number and Type	Length Att. & Recovered (in)			OL	SM	ML				GW	Compressive Strength	Moisture Content	Liquid Limit		
1 SS	<u>24</u> 18	1 1 2 3	-1 -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; dark brown (7.5YR 3/4); moist; medium SAND reddish yellow (7.5 YR 6/8); fine SAND light brown (7.5 YR 6/4) with some thin silt layers	SM					M				Lacustrine	
2 SS	<u>24</u> 18	4 5 5 7	-13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	SILT (ML) with SAND; brown (7.5 YR 5/4); moist; fine SAND SAND with SILT (SM); dense; light brown (7.5 YR 5/4); moist; fine SAND	ML	GW				M				Lacustrine	
3 SS	<u>24</u> 20	3 4 4 5			SM					M				Lacustrine	
4 SS	<u>24</u> 20	3 4 5 8			ML					M				Lacustrine	
5 SS	<u>24</u> 20	6 12 9 11			SM				GW Elevation 939.73' 11/20/2015	M				Lacustrine	
		3	-		ML					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-29 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 RECOV- ERED (IN)			USCS	GRAPHIC LOG	WELL DIAGRA- M	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	
6 SS	<u>24</u> 24	4 6 8	-26 - -27 - -28 - -29 - -30	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	ML							Lacustrine
7 SS	<u>24</u> 24	4 7 8 9	- -31 - -32 - -33 - -34 - -35	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
8 ST	<u>24</u> 24	2 2 5	-36 - -37	SAND with SILT (SM); med-dense; brown (7.5YR 5/4); wet; medium to fine SAND	SM							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')								

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Signature

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Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..Waste Management ..
Other ..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	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. ____ ° ____ ' ____ "	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 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	SOIL PROPERTIES				RQD (Comments)
Number and Type	Length Att. & Recovered (in)			OL	SM	PID/FID				Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	
1 SS	X / 24 24	2 1 3 3 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	- -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	6 " Black sand w/orgamics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND			M					Lacustrine		
2 SS	X / 24 22	2 3 3 4 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	- -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25				M					Lacustrine		
3 SS	X / 24 22	2 3 5 8 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	- -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25				M					Lacustrine		
4 SS	X / 24 21	10 16 18 20 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	- -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25				M					Lacustrine		
5 SS	X / 24 22	6 12 16 20 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	- -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25				M					Lacustrine		
		11	-				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

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SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

Page 2 of 2

MW-30 cont.

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 PENETRATION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	
6 SS	X 24 22	16 17 21	-26 - -27		SM					M			Lacustrine
			-28 -29 -30										
7 SS	X 24 16	11 15 14 16	-31 -32	SAND with SILT (SM); very dense; light brown (7.5YR 6/4); moist; medium to fine SAND						M			Lacustrine
			-33 -34 -35										
8 ST	X 24 24	4 7 9 11	-36 -37 -38 -39 -40	CLAY (CL) lean; hard, brown (7.5YR 5/3); moist CLAY (CL) lean; very thinly bedded with interbedded seams of SILT (ML). CLAY (CL); hard, brown (7.5YR 4/4); moist. SILT (ML); brown	CL			GW	Elevation 941.84' 11/20/2015				62.4% Lacustrine
			-41 -42										
9 SS	X 24 20	5 7 15 22	-43 -44 -45	SAND with SILT (SM); very dense; light brown (7.5YR 6/4); wet; medium to fine SAND CLAY (CL) lean; very thinly bedded with interbedded seams of SILT. CLAY; hard, brown (7.5YR 4/4); moist. SILT; firm, brown (varved appearance)	SM								Lacustrine
			-46 -47										
10 SS	X 24 20	3 6 10 12	-48 -49 -50 -51 -52 -53 -54 -55 -56 -57 -58 -59	Well screen set 45 ft bgs (elevation 932.84') End of boring 47 ft bgs (elevation 930.84')									Lacustrine

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

Signature

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Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
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		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. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "		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 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	P1D/FID	SOIL PROPERTIES					RQD (Comments)
Number and Type	Length Att. & Recovered (in)										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				0-50' see boring log for MW-30 Groundwater encountered at elevation of 941.84' (see MW-30 soil boring log)			SM				W				Lacustrine	
1 SS		24	4	-50 SAND with SILT (SM); med-dense; light brown; (7.5YR 6/4); wet; fine SAND								W			Lacustrine	
		24	5	-51												
		24	7	-52 Approximate 2" of sand blowback in auger, unable to use lead bit or split spon, observations are based on drill cuttings								W			Lacustrine	
		24	7	-53												
		24	7	-54											Lacustrine	
		24	7	-55												
		24	7	-56											Lacustrine	
		24	7	-57												
		24	7	-58 SAND with SILT (SM); light brown (7.5 YR 6/4); loose								W			Lacustrine	
		24	7	-59												
		24	7	-60								W			Lacustrine	
		24	7	-61												
		24	7	-62											Lacustrine	
		24	7	-63												
		24	7	-64								W			Lacustrine	
		24	7	-65												
		24	7	-66											Lacustrine	
		24	7	-67												
		24	7	-68											Lacustrine	
		24	7	-69								W			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-30P 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 RECOV- ERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	
			-70	SAND with SILT (SM); light brown (7.5 YR 6/4); loose	SM					W			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										

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Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
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			Lat. <u> </u> ° <u> </u> ' <u> </u> " -----	Local Grid Location (If applicable) " N " E								
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie							
SAMPLE		Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT		USCS	Graphic Log	Well Diagram	SOIL PROPERTIES				RQD/Comments
Number and Type	Length Att. & Recovered (in)		Blow Counts					PID/FID	Compressive Strength	Moisture Content	Liquid Limit	
1 SS	<u>24</u> 18	1 1 1 2	-1 -1 -2	4 " Black sand w/orgamics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND		OL			M			Lacustrine
2 SS	<u>24</u> 22	4 6 7 9	-3 -4 -5 -6 -7			SM			M			Lacustrine
3 SS	<u>24</u> 22	2 7 12 14	-8 -9 -10 -11 -12						M			Lacustrine
4 SS	<u>24</u> 21	7 14 17 19	-13 -14 -15 -16 -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			M			Lacustrine
5 SS	<u>24</u> 22	11 18 23 24	-18 -19 -20 -21 -22	SAND with SILT (SM); dense; light brown (7.5 YR 5/4); moist; fine SAND		SM			M			Lacustrine
		8	-23 -24 -25						M			Lacustrine

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SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-31 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 RECOV- ERED (IN)			USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT		
6 SS	<u>24</u> 22	6 9 9	-26 -27 -28 -29 -30 -31 -32 -33 -34 -35	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	ML				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			GW Elevation 938.90' 11/18/2015	W				Lacustrine
8 SS	<u>24</u> 22	6 8 11 15	-36 -37 -38 -39 -40 -41 -42	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	-38 -39 -40 -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')									

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**Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER AJ514**

Property **ADAMS CO ZONING**
Owner

Telephone **608-339-4222**
Number

Mailing **PO BOX 187**
Address

City **FRIENDSHIP** State **WI** Zip Code **53934**

County of Well Location **Adams** County Well Permit No. **W** Well Completion Date **12/02/1988**

Well Constructor (Business Name) **TERRY FARAGO** License # **41** Facility ID Number (Public Wells)

Address **N6079 8TH AVE** Public Well Plan Approval # **W--**

City **PLAINFIELD** State **WI** Zip Code **54966-9757** Date of Approval (mm/dd/yyyy)

Hicap Permanent well # Common Well # Specific Capacity **.6** gpm/ft

3. Well serves # of homes and or **SHOP** High capacity Well? Yes No
(e.g. barn, restaurant, church, school, industry, etc.) Property? Yes No

4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? Yes No

Well located within 1,200 feet of a quarry? Yes No If yes, distance in feet from quarry:

Well located in floodplain? Yes No

Distance in Feet from Well to Nearest:

1200 1. Landfill

8 2. Building Overhang

3. Septic Holding Tank

4. Sewage Absorption Unit

5. Nonconforming Pit

6. Buried Home Heating Oil Tank

7. Buried Petroleum Tank

8. Shoreline Swimming Pool

9. Downspout/Yard Hydrant

10. Privy

11. Foundation Drain to Clearwater

12. Foundation Drain to Sewer

13. Building Drain

Cast Iron or Plastic Other

14. Building Sewer Gravity Pressure

Cast Iron or Plastic Other

15. Collector or Street Sewer:

Sanitary units in. diam.

Storm <= 6 > 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 Gravity Pressure

Cast Iron or Plastic Other

23. Other Manure Storage

24. Ditch

25. Other NR 812 Waste Storage

5. Drillhole Dimensions and Construction Method

From Dia. (in.)	To (ft.)	Upper Enlarged Drillhole	Lower Open Bedrock
6	0	124	
<input type="checkbox"/> ---1. Rotary - Mud Circulation-----			<input type="checkbox"/>
<input checked="" 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 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. Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No			depth (ft)
If no, why not?			

6. Casing, Liner, Screen Material, Weight, Specification
Dia. (in.)

**6 ASTM 589 USS STEEL 19.45#PER FT TOT.
WT. 2353.5#**

Dia. (in.)	Screen type, material & slot size #20 K/PACKER 56 INCH LG	From (ft.)	To (ft.)	# Sacks Cement
6		121	124	

7. Grout or Other Sealing Material. Method

Method:
Kind of Sealing Material

State of WI - Private Water Systems - DG/2
Department of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(R 8/00)

Please type or Print using a black Pen
Please Use Decimals Instead of Fractions.

1. Well Location Town City Village
of **STRONGS PRAIRIE**

Fire # (if available)

Grid or Street Address or Road Name and Number

Subdivision Name Lot # Block #

Gov't Lot # or NE 1/4 of SE 1/4 of

Section **13** T **18** N; R **5** E W

Latitude Deg. Min.
Longitude Deg. Min.

2. Well Type New Reconstruction

Lat/Long Method
GPS008

of previous unique well # constructed in
Reason for replaced or Reconstructed Well?

Drilled Driven Point Jetted Other:

4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? Yes No

Well located within 1,200 feet of a quarry? Yes No If yes, distance in feet from quarry:

Well located in floodplain? Yes No

Distance in Feet from Well to Nearest:

1200 1. Landfill

8 2. Building Overhang

3. Septic Holding Tank

4. Sewage Absorption Unit

5. Nonconforming Pit

6. Buried Home Heating Oil Tank

7. Buried Petroleum Tank

8. Shoreline Swimming Pool

9. Downspout/Yard Hydrant

10. Privy

11. Foundation Drain to Clearwater

12. Foundation Drain to Sewer

13. Building Drain

Cast Iron or Plastic Other

14. Building Sewer Gravity Pressure

Cast Iron or Plastic Other

15. Collector or Street Sewer:

Sanitary units in. diam.

Storm <= 6 > 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 Gravity Pressure

Cast Iron or Plastic Other

23. Other Manure Storage

24. Ditch

25. Other NR 812 Waste Storage

8. Geology Type, Caving/Noncaving, Color, Hardness, etc

From (ft.) To (ft.)

--S- **SAND** **0** **18**

--C- **CLAY** **18** **48**

-NS- **FINE SAND** **48** **115**

--N- **SAND STONE** **115** **124**

9. Static Water Level

ft. above ground surface

41 ft. below ground surface

10. Pump Test

Pumping Level **80** ft. below surface

Pumping at **22 GPM** for **2** hours

11. Well is: Above Grade

36 in. Below Grade

Developed? Yes No

Disinfected? Yes No

Capped? Yes No

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

Yes No If no, explain:

13. Signature of the Well Constructor or Supervisory Driller

TPF Date signed

12/29/1988

Signature of Drill Rig Operator (Mandatory unless same as above)

TPF Date signed

12/29/1988

Make additional comments on reverse side about geology, additional screens, water quality, etc.

Variance issued Yes No

Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER **KO311**

Property **ADAMS CTY SOLID WASTE**
Owner

Telephone **608-339-9178**
Number

State of WI - Private Water Systems - DG/2
Department of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(R 8/00)

Mailing **1420 HWY 21**
Address

1. Well Location Town City 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 **07/18/1995**

Well Constructor (Business Name) **SYLVESTER R HAUPT** License # **489** Facility ID Number (Public Wells)

Address Public Well Plan Approval #
W--

City **AUBURNDALE** State **WI** Zip Code **54412** Date of Approval (mm/dd/yyyy)
06/15/1995

Hicap Permanent well # **1602** Common Well # Specific Capacity **52.6** gpm/ft

3. Well serves # of homes and or
(e.g. barn, restaurant, church, school, industry, etc.) High capacity Well? Yes No
Property? Yes No

4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? Yes No

Well located within 1,200 feet of a quarry? Yes No If yes, distance in feet from quarry:

Well located in floodplain? Yes No

Distance in Feet from Well to Nearest:

1. Landfill
2. Building Overhang
3. Septic Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank

8. Shoreline Swimming Pool

9. Downspout/Yard Hydrant

10. Privy

11. Foundation Drain to Clearwater

12. Foundation Drain to Sewer

13. Building Drain

Cast Iron or Plastic Other

14. Building Sewer Gravity Pressure

Cast Iron or Plastic Other

15. Collector or Street Sewer:

Sanitary units in. diam.

Storm <= 6 > 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 Gravity Pressure

Cast Iron or Plastic Other

23. Other Manure Storage

24. Ditch

25. Other NR 812 Waste Storage

5. Drillhole Dimensions and Construction Method

From (ft.)	To (ft.)	Upper Enlarged Drillhole	Lower Open Bedrock
32	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"/> 8. Temp. Outer Casing in. dia. depth Removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, why not?

8. Geology
Type, Caving/Noncaving, Color, Hardness, etc

--Y- **SAND @ GRAVEL** **0** **90**

6. Casing, Liner, Screen Material, Weight, Specification
Dia. (in.)

16 250 WALL STEEL **0** **50**

Dia. (in.) Screen type, material & slot size
16 JOHNSON GALV 45 SLOT

7. Grout or Other Sealing Material. Method
Method:
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

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
 Yes No If no, explain:

13. Signature of the Well Constructor or Supervisory Driller
SH Date signed
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 Yes 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
 Major Basin Mississippi River
 County Adams Civil Town STRONGS PRAIRIE

Govt Lot 13 or CT 1/4 of the NW 1/4
 Sec. 18, T 5, 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 **720,000 GPD**
 Max pumpage **1,440,000 GPD**
 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	Upper Drillhole Diameter	Screen Diameter 16.0
Surface Sand 90.0	Upper Drillhole Depth-Ft	Screen Length 40.0
Surface Clay	Lower Drillhole Diameter 32.0	Sealing Material Depth 45.0
Devonian	Lower Drillhole Length 90.0	Hours of Yield Test 2.0
Silurian	More than 2 Drillholes? N	GPM of Yield Test 1,000.0
Maquoketa	Primary Casing Diameter	Static Water (feet) 25
Sinnippe	Primary Casing Depth 50.0	Pumping Water Level (ft) 44
Ancell	Liner Casing Diameter 16.0	Specific Capacity(GPM/Ft) 52.6
Prairie du Chien	Liner Casing Length	WGNHS Log No.
Cambrian	Liner Casing Depth	
Precambrian		

MEMORANDUM

To: Wisconsin Department of Natural Resources

From: Ben Peotter

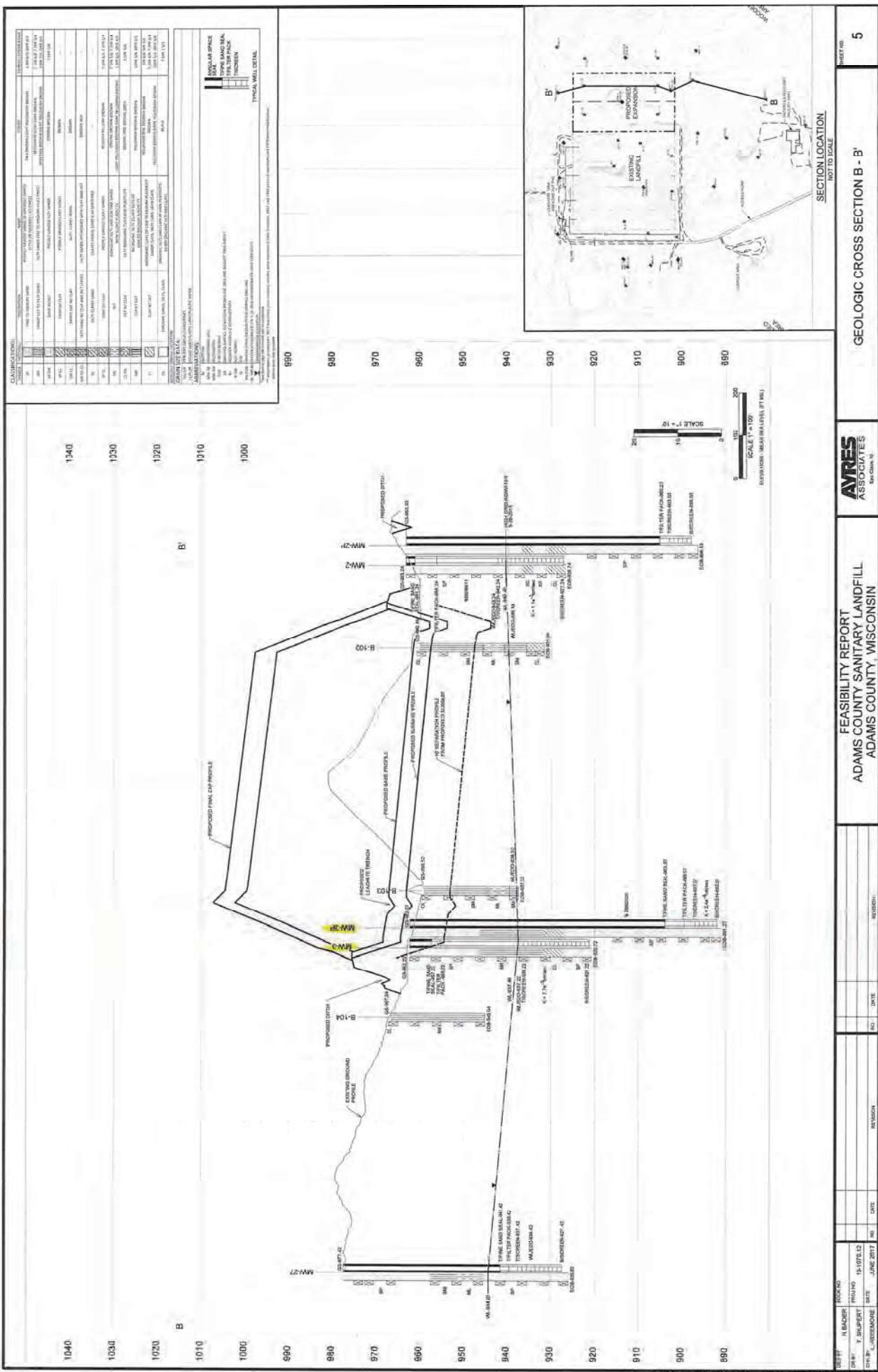
Date: July 1, 2019

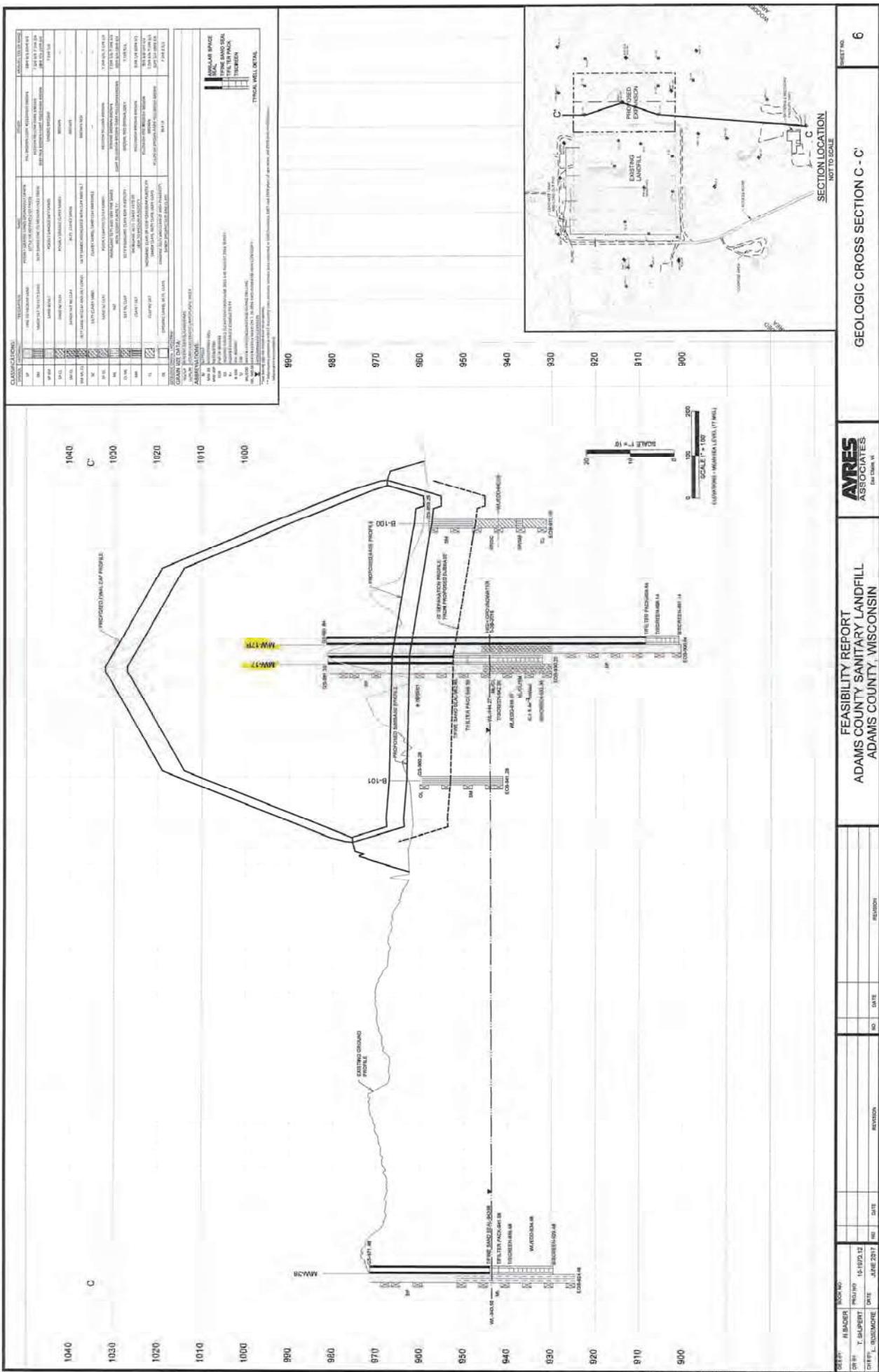
Project No.: 51-0338.10

Re: Adams County Landfill Well Abandonment

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 & 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 & Sealing: 05/20/2019

Rec #: 161154

Verification. Check only if well filling & 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 #:	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 & 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: RECEP1	Received On: 06/12/2019	Approved On:
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Wisconsin Department of Natural Resources

Well / Drillhole / Borehole Filling & 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 & Sealing: 05/20/2019

Rec #: 161155

Verification. Check only if well filling & 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 #:	Range #:
Well Street Address: 1420 HIGHWAY 21				Subdivision Name:	
Well City/Village/Town: Village of FRIENDSHIP		Well Zip Code:		Lot #:	
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 & 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

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: RECEP1	Received On: 06/12/2019	Approved On:
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Wisconsin Department of Natural Resources

Well / Drillhole / Borehole Filling & 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 & Sealing: 05/20/2019

Rec #: 161156

Verification. Check only if well filling & 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 #:	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 & 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: RECEP1	Received On: 06/12/2019	Approved On:
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Wisconsin Department of Natural Resources

Well / Drillhole / Borehole Filling & 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 & Sealing: 05/20/2019

Rec #: 161157

Verification. Check only if well filling & 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 #:	Range #:
Well Street Address: 1420 HIGHWAY 21				Subdivision Name:	
Well City/Village/Town: Village of FRIENDSHIP		Well Zip Code:		Lot #:	
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 & 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	

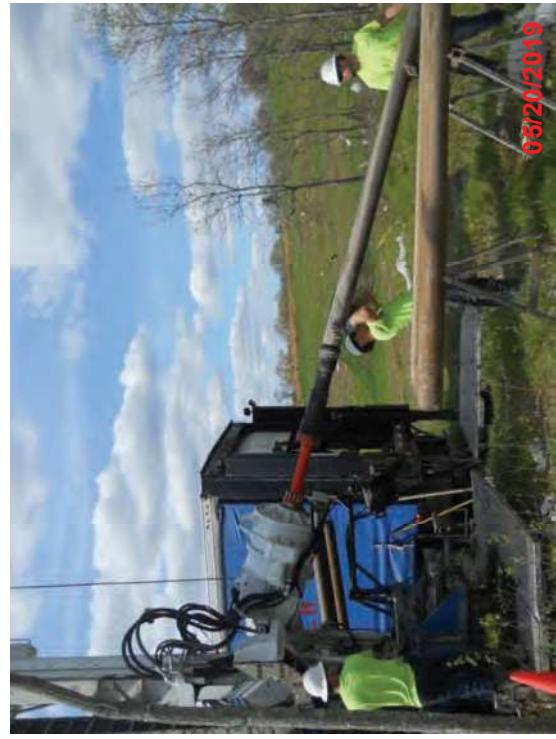
8. DNR Use Only

Signed On: 06/12/2019	Submitted By: RECEP1	Received On: 06/12/2019	Approved On:
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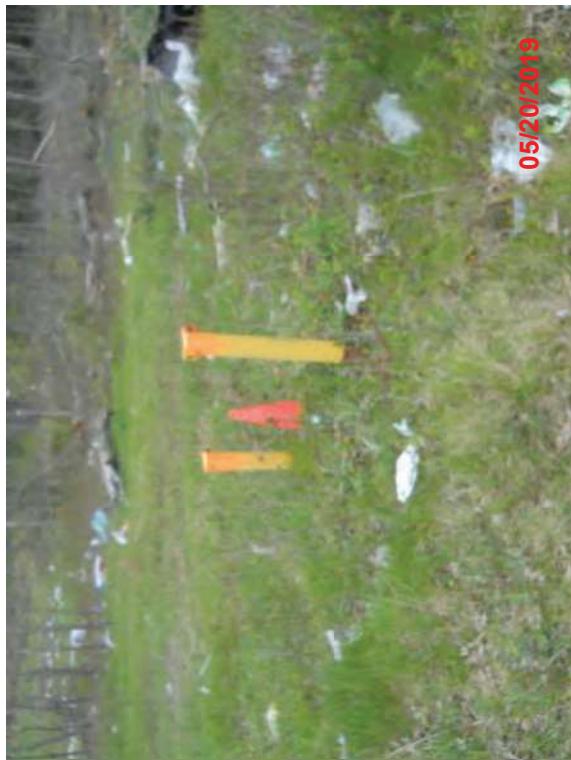
View of Adams County Landfill

05/20/2019



Trout Companies performing Rotary Sonic drilling

05/20/2019



View of groundwater monitoring well

05/20/2019



Trout Companies on-site

05/20/2019



View of drill rig



Traut Companies operating the drill rig



View of the drilling



Casings removed from wells



Close-up of bentonite