

APPENDIX A

Monitoring Well and Boring Construction Information

LOG OF TEST BORING NO.: B-23								SURFACE ELEVATION: 967.11		
CLIENT: ADAMS COUNTY PROJECT: ADAMS COUNTY DEMO LANDFILL PROJECT NUMBER: 89A18 LOCATION: 114+65N 104+40E								BORING DEPTH: 36.5'		
								DATE: 3/9/89		
MSL ELEV	DEPTH FR LND SURF	SAMP DEPTH INTERVAL	TYPE	#	N	REC (ft)	DESCRIPTION OF MATERIAL	CLASS	LABORATORY TESTS	DRILLING AND SAMPLING NOTES
967.11	--0									
		2.5-4	SS	1	9	1.5	SAND, med. grained, well rnd., (10YR 6/3)			
962.11	--5	5-6.5	SS	2	10	1.5	Same as above	SP		
957.11	--10	10-11.5	SS	3	11	1.5	Same as above for top 1 foot of split spoon; Clayey SILT bottom 6" of split spoon, plastic, (10YR 4/4)	----- MH		
952.11	--15	15-16.5	SS	4	37	1.5	Silty CLAY top 6" of split spoon, (7.5YR 4/4); Bottom 12" is silty SAND turning to SILT at very bottom, (10YR 7/4)	CL ----- SM/ ML		
947.11	--20	20-21.5	SS	5	100	1.4	Silty SAND (10YR 7/4)	SM		
942.11	--25	25-26.5	SS	6	100	1.3	Clayey SILT, plastic, (10YR 4/3) Bottom 3" of split spoon is med. grained SAND, (10YR 6/4)	MH		Samples became saturated at 25'
937.11	--30	30-31.5	SS	7	29	1.5	SILT, (10YR 5/3)	ML		
932.11	--35	35-36.5	SS	8	43	1.5	Same as above for top 6" of split spoon; Varved CLAY last 12" of split spoon, layers of (10YR 5/3) and (5YR 4/6)	----- CL		
927.11	--40						EOB 36.5'			
922.11	--45									
917.11	--50									
912.11	--55									

DRILLING DATA	WATER LEVEL INFORMATION
START DATE: 2/22/89	DEPTH AT COMPLETION:
COMPLETION DATE: 2/22/89	LATER TIME/DEPTH:
LOGGED BY: LDA	LATER TIME/DEPTH:
DRILLING METHOD: 4 1/4" I.D. HSA	CAVE IN DEPTH:
DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)	DRILLING LOSSES:

LOG OF TEST BORING NO.: B-24							SURFACE ELEVATION: 965.08			
CLIENT: ADAMS COUNTY PROJECT: ADAMS COUNTY DEMO LANDFILL PROJECT NUMBER: 89A18 LOCATION: 114+65N 102+55E							BORING DEPTH: 36.5'			
							DATE: 3/9/89			
MSL ELEV	DEPTH FR LND SURF	SAMP DEPTH INTERVAL	TYPE	#	N	REC (ft)	DESCRIPTION OF MATERIAL	CLASS	LABORATORY TESTS	DRILLING AND SAMPLING NOTES
965.08	--0									
		2.5-4	SS	1	10	1.5	SAND, well rnd., (10YR 6/4)	SP		
960.08	--5	5-6.5	SS	2	9	1.5	Same as above	SP		
955.08	--10	10-11.5	SS	3	16	1.5	Same as above except for color (7.5YR 4/6)	SP		
950.08	--15	15-16.5	SS	4	21	1.4	Silty SAND, non plastic, (10YR 7/4)	SM		
945.08	--20	20-21.5	SS	5	100	1.3	SILT, non plastic, (10YR 6/4)	ML		
940.08	--25	25-26.5	SS	6	59	1.5	Alternating layers of SILT and med. grained SAND, silt is slightly plastic, (10YR 6/3); Sand layers are (10YR 7/4)	ML SP		Samples became saturated at 25'
935.08	--30	30-31.5	SS	7	27	1.5	Clayey SILT, plastic, (10YR 5/4)	MH		
930.08	--35	35-36.5	SS	8	59	1.5	Varved CLAY, 2-colored layers (10YR 5/3) and (5YR 4/6)	CL		
							EOB 36.5'			
925.08	--40									
920.08	--45									
915.08	--50									
910.08	--55									

DRILLING DATA	WATER LEVEL INFORMATION
START DATE: 2/22/89	DEPTH AT COMPLETION:
COMPLETION DATE: 2/22/89	LATER TIME/DEPTH:
LOGGED BY: LDA	LATER TIME/DEPTH:
DRILLING METHOD: 4 1/4" I.D. HSA	CAVE IN DEPTH:
DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)	DRILLING LOSSES:

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 plas- tic, (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		Samples became saturated at 30.5'
								ML		
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)			
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

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:

Foth & Van Dyke

Client: Adams CountyScope I.D.: 89A18Project: Adams County Demo LandfillPage: 1Prepared by: L.D.A.Date: 2/24/89Checked by: JSKDate: 3/1/89

MONITORING WELL DEVELOPMENT

Well Number: MW-20

Depth to Water:

Time of Measurement:

Well Diameter: 2" I.D.Initial: 34.84' from top13:32 HoursTotal Depth of Well: 41.15' from top
of PVCFinal: 38.3' from top
of PVC14:50 Hours

Description of Development Method: _____

Well was surged and bailed with a 5-foot PVC bailer.Volume of Water Removed From Well: 25 gallonsClarity of Water in Well Before Development: Dark reddish brownClarity of Water in Well After Development: Light brownPresence of Sediment at the Bottom of the Well: Very little silty clay like materialVolume of Water Added to Well: -0-Source of Water Added to Well: --Time Spent for Development: 1 hour and 18 minutes

Stabilization Readings:

Gal. Removed	Depth to Water	Time	Field Temperature	Spec. Cond.	pH
0				--	--
2.5				263	8.51
5.0				238	8.52
10.0	37.6' / 36.2'	1405hrs / 1406hrs		282	8.57
12.5				255	8.60
15.0				275	8.64
20	38.0'	14:32 hours		275	8.70
25				276	8.72

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

Foth & Van Dyke

Client: Adams County Scope I.D.: 89A18
Project: Adams County Demo Landfill Page: 1
Prepared by: L.D.A. Date: 2/24/89
Checked by: JSK Date: 3/1/89

MONITORING WELL DEVELOPMENT

Well Number: MW-21 Depth to Water: Time of Measurement:
Well Diameter: 2" I.D. Initial: 31/12' from top 12:15 hours
Total Depth of Well: 36.02' from top of PVC Final: 33.7' from top of PVC 13:00 hours

Description of Development Method:

Well was surged and bailed within a 5-foot PVC bailer.

Volume of Water Removed From Well: 30 gallons
Clarity of Water in Well Before Development: Dark reddish brown
Clarity of Water in Well After Development: Light tan to brown
Presence of Sediment at the Bottom of the Well: Very little silty clay like material
Volume of Water Added to Well: -0-
Source of Water Added to Well:
Time Spent for Development: 45 minutes

Stabilization Readings:

Gal. Removed	Depth to Water	Time	Field Temperature	Spec. Cond.	pH
0				--	--
5				350	7.38
10				323	7.51
15				310	7.64
20				303	7.80
25				296	8.02
30				301	8.21

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 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.)								WATER LEVEL INFORMATION DEPTH AT COMPLETION: LATER TIME/DEPTH: LATER TIME/DEPTH: CAVE IN DEPTH: DRILLING LOSSES:		

Client: Adams County Scope I.D.: 89A14
Project: Adams County Demo Landfill Page: 1
Prepared by: L.D.A. Date: 2/24/89
Checked by: JSK Date: 3/1/89

Well Number: <u>MW-22</u>	Depth to Water:	Time of Measurement:
Well Diameter: <u>2" I.D.</u>	Initial: <u>30.62' from top</u>	<u>14:00 Hours</u>
Total Depth of Well: <u>36.8' from top</u>	Final: <u>34.2' from top</u>	<u>14:25 Hours</u>
<u>of PVC</u>	<u>of PVC</u>	

Well was surged and bailed with a 5-foot PVC bailer.

- Bailed dry twice near end of development time.

Volume of Water Removed From Well:	15 gallons
Clarity of Water in Well Before Development:	Dark reddish brown
Clarity of Water in Well After Development:	Light brown
Presence of Sediment at the Bottom of the Well:	Very little silty clay like material
Volume of Water Added to Well:	-0-
Source of Water Added to Well:	--
Time Spent for Development:	25 minutes

[illegible]

Foth & Van Dyke

Client: Adams County Scope I.D.: 89A18
Project: Adams County Demo Landfill Page: 1/1
Prepared by: L.D.A. Date: 2/23/89
Checked by: JSK Date: 2/28/89

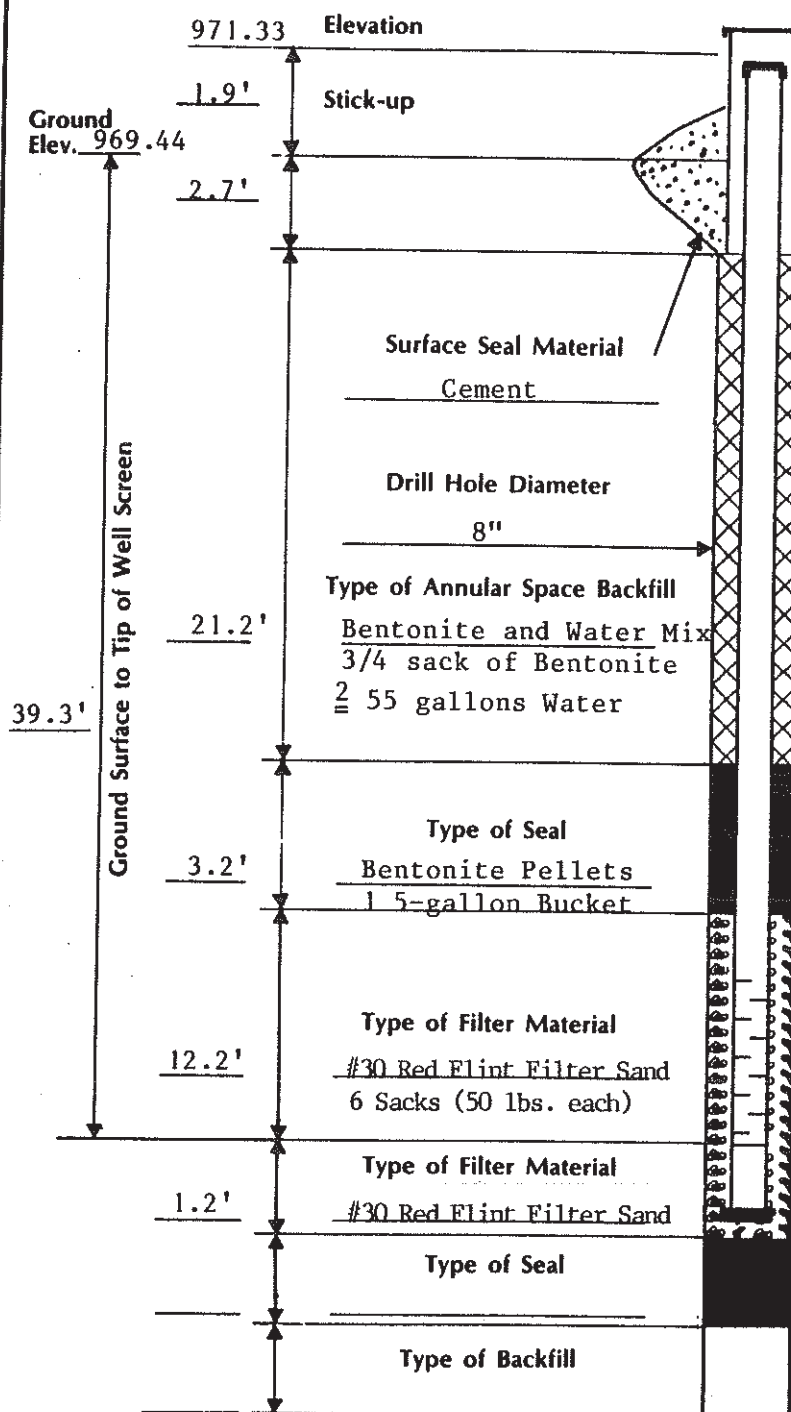
MONITORING WELL CONSTRUCTION DIAGRAM

Driller: Wisconsin Test Drilling Well No.: MW-20
Drilling Method: 4 1/4" I.D. H.S.A. Date Installed: 2/23/89

Coordinates: 114+55N 105+80E

Protector Pipe:

Size: 4" I.D.
Material: Steel
Lock No.: 2121



Riser:

Diameter: 2" I.D.
Material: PVC
Sch.: 40
Type of Joints: Flush Threaded
Stenciled?: --

Screen:

Diameter: 2" I.D.
Material: PVC
Slot Size: 0.010"
Length: 10'

Sump:

Length: _____

Type of Cap: PVC Point

Centralizer: Used ☐
Not Used ☒

Depth to Water From Top
of Riser at Completion: 34.95'

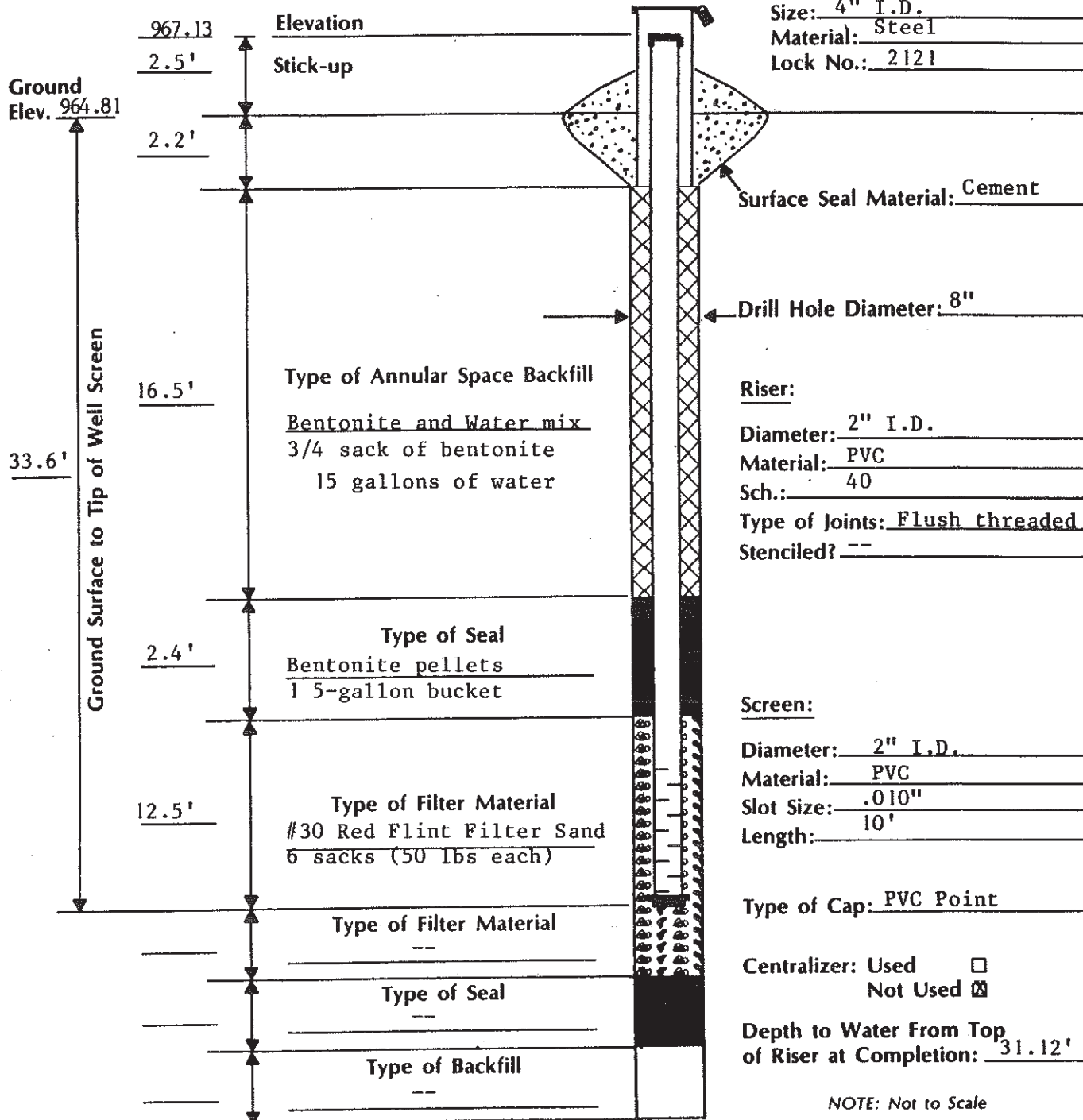
NOTE: Not to Scale

Foth & Van Dyke

Client: Adams County Scope I.D.: 89A18
 Project: Adams County Demo Landfill Page: 1/1
 Prepared by: L.D.A. Date: 2/23/89
 Checked by: JSK Date: 2/28/89

MONITORING WELL CONSTRUCTION DIAGRAM

Driller: Wisconsin Test Drilling Well No: MW-21
 Drilling Method: 4 1/4" I.D. H.S.A. Date Installed: 2/23/89
 Coordinates: 116+00N 105+70E



NOTE: Not to Scale

Foth & Van Dyke

Client: Adams County

Scope I.D.: 89A18

Project: Adams County Demo Landfill

Page: 1/1

Prepared by: L.D.A.

Date: 2/24/89

Checked by: JSK

Date: 2/28/89

MONITORING WELL CONSTRUCTION DIAGRAM

Driller: Wisconsin Test Drilling

Well No: MW-22

Drilling Method: 4 1/4" I.D. H.S.A.

Date Installed: 2/24/89

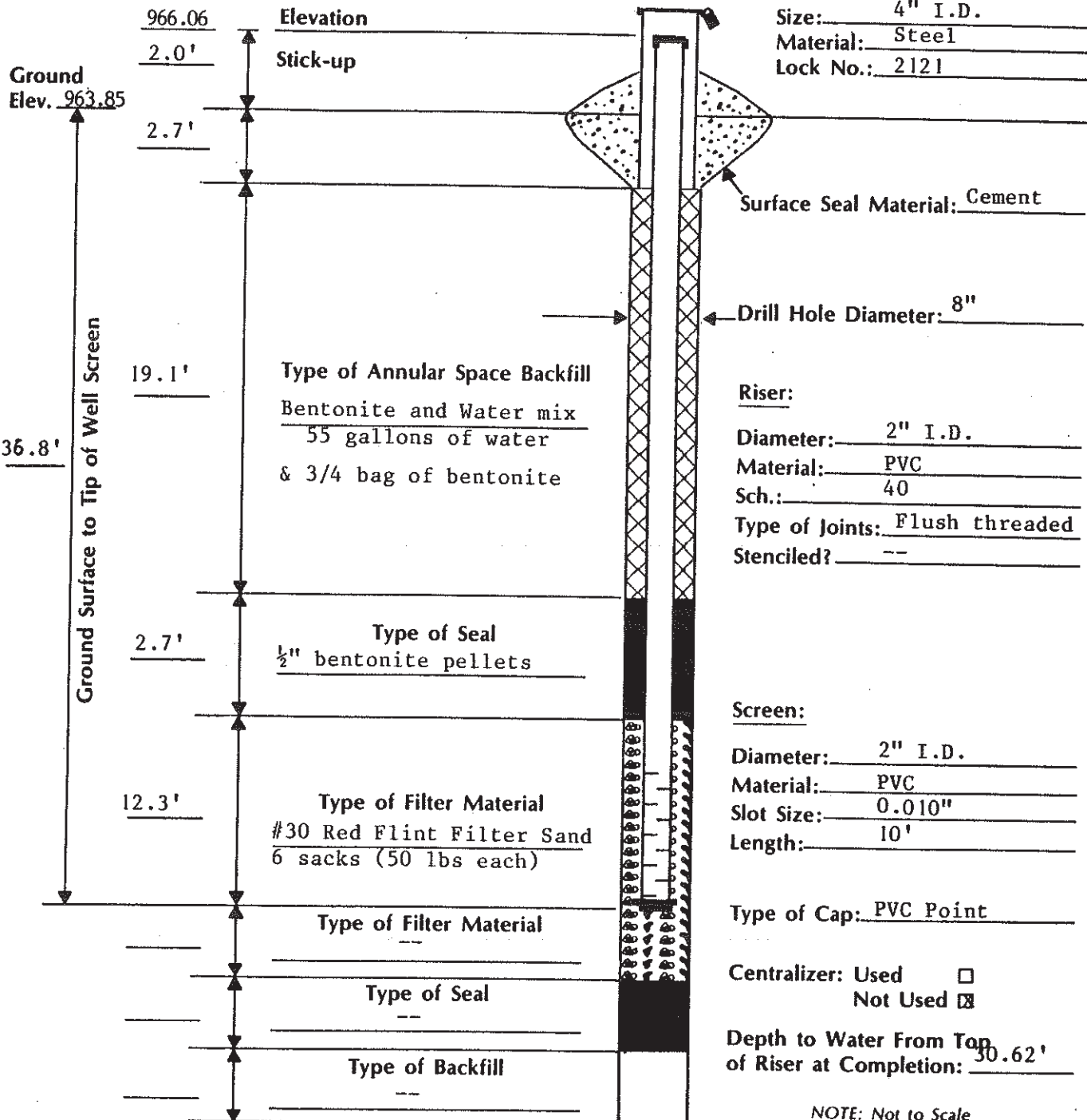
Coordinates: 116+50N 104+15E

Protector Pipe:

Size: 4" I.D.

Material: Steel

Lock No.: 2121



APPENDIX B

WIF Forms

APPENDIX C

Plat Map

STRONGS PRAIRIE T.18 N.- R.5 E. T.18 N.- R.6 E. PRESTON



WILBUR JENSEN PROPERTY PURCHASED
BY ADAMS COUNTY IN 1986

APPROXIMATE ONE
MILE RADIUS

1200' DISTANCE
FROM SITE ☐

Foth & Van Dyke