APPENDIX I

GEOLOGIC DATA

I1 – BORING AND MONITORING WELL LOGS

I2 – TEST PIT LOGS

I3 – GEOTECHNICAL DATA

APPENDIX I1 – BORING AND MONITORING WELL LOGS

PARSONS

DRILLING RECORD

BORING/ WELL NO. GW-11R — Sheet 1 of 3

Contractor: American Auger
Driller: Rocky Baye
Inspector: Scott Dillman
Rig Type: Ingersol Rand

PROJECT NAME: Schenectady Depot AOC-1
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC1 on the west side of the pond.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Day to Day

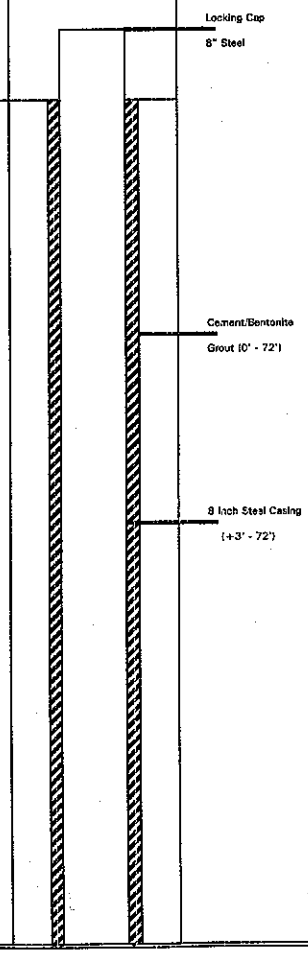
Date/Time Start: July 10th, 2000 at 10:00 a.m.

Date/Time Finish: June 11th, 2000 at 6:00 p.m.

Location Plan — N — See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+9					
+6					
+3					
0					
		MR			Drilled using a Mud Rotary technique through the overburden. According to soil borings in the area, the overburden is silty till.
3		MR			
		MR		0	
6		MR			
		MR			
9		MR			
		MR			
12		MR			
		MR			
15		MR		0	
		MR			
18		MR			
		MR			
21		MR			
		MR			
24		MR			
		MR		0	
27		MR			
		MR			
30		MR			
		MR			
33		MR			
		MR		0	
36		MR			
		MR			
39		MR			
		MR			
42		MR			
		MR			
45		MR		0.1	
		MR			
48		MR			
		MR			
51		MR			
		MR			
54		MR			

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
MR = Mud Rotary Drilling
WR = Wet Rotary Drilling

PARSONS

DRILLING RECORD

BORING/ WELL NO. GW-11R Sheet 2 of 3

Contractor:	American Auger
Driller:	Rocky Baye
Inspector:	Scott Dillman
Rig Type:	Ingersol Rand
PROJECT NAME:	Schenectady Depot AOC-1
PROJECT NUMBER:	736741.03005
Location Description:	Located in AOC1 on the west side of the pond.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Weather: Day to Day

Date/Time Start: July 10th, 2000 at 10:00 a.m.

Date/Time Finish: June 11th, 2000 at 6:00 p.m.

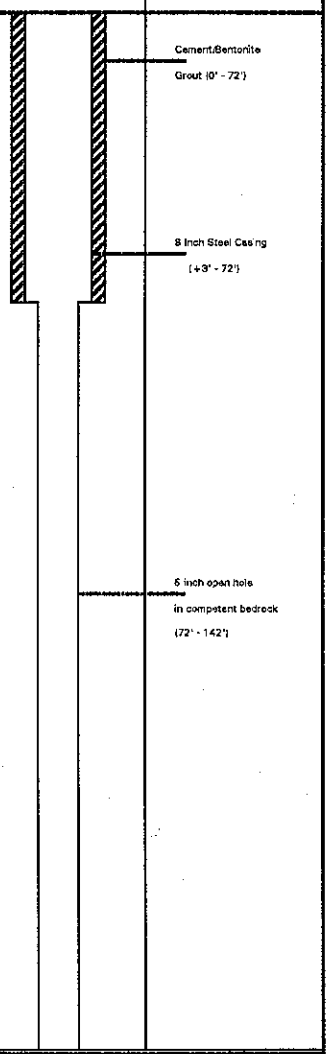
Location Plan

N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
		MR			
57		MR			Difficult identifying overburden due to the drilling technique.
		MR			
60		MR			
		MR			
63		MR			
		MR			
66		MR			
		MR			Top of bedrock at 67 feet.
69		MR			Dark gray to black Shale, angular chips.
		MR			
72		WR			Set casing at 72 feet in competent bedrock.
		WR			
75		WR			
		WR			
78		WR			
		WR			
81		WR			
		WR			
84		WR			
		WR			
87		WR			
		WR			
90		WR			
		WR			
93		WR			
		WR			
96		WR			
		WR			
99		WR			
		WR			
102		WR			
		WR			
105		WR			
		WR			
108		WR			
		WR			
111		WR			
		WR			
114		WR			
		WR			
117		WR			
		WR			

SCHEMATIC



COMMENTS:

MR = Mud Rotary Drilling

WR = Wet Rotary Drilling

SAMPLING METHOD

SS = SPLIT SPOON

A = AUGER CUTTINGS

C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-11R — Sheet 3 of 3

Contractor:	American Auger
Driller:	Rocky Baye
Inspector:	Scott Dillman
Rig Type:	Ingersol Rand
PROJECT NAME:	Schenectady Depot AOC-1
PROJECT NUMBER:	736741.03005
Location Description:	Located in AOC1 on the west side of the pond.
Weather:	Day to Day
Date/Time Start:	July 10th, 2000 at 10:00 a.m.
Date/Time Finish:	June 11th, 2000 at 6:00 p.m.

Location Plan — See Site Plan

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
120		WR					
		WR					
123		WR					
		WR					
126		WR					
		WR					
129		WR			Competent Bedrock.		6 inch open hole in competent bedrock (72' - 142')
		WR					
132		WR					
		WR					
135		WR					
		WR					
138		WR					
		WR					
141		WR					
		WR					
144					Boring terminated at 142 feet.		
147							
150							
153							
156							
159							
162							
165							
168							
171							
174							
177							
180							
183							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
MR = Mud Rotary Drilling
WR = Wet Rotary Drilling

PARSONS
DRILLING RECORD

BORING/ WELL NO GW-12 Sheet 1 of 1

Contractor: NorthStar Drilling, Inc.
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: ATV-CME-45B

PROJECT NAME: AOC-1, Schenectandy Army Depot
PROJECT NUMBER: 743440.00000

Location Description: See site plan

GROUNDWATER OBSERVATIONS				
Water Level	Dry			
Date	12/07/04			
Time	-			
Meas. From	TOC			

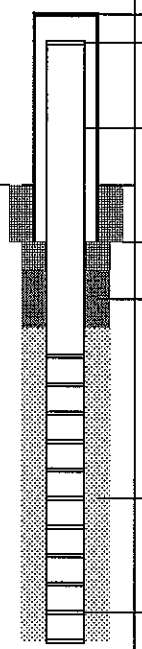
Weather: Sunny, High 50's
Date/Time Start: November 23, 2004
Date/Time Finish: November 23, 2004

Location Plan

See site plan

Sample Depth	Sample I.D.	SPT	Rec. %	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		1	75	1	0'-2": Soft, tan, Silt, some clay, vegetation thin, wet, lots of gravel and
1		3			cobbles on ground, native material.
		5			2"-2': Dark gray, Silt, trace sand, little coarse sand to fine gravel, little to trace clay,
2		9			stiff, (Till), damp, no odor or stain.
		8	100	8*	2'-4': Dark gray, Till, silt, little clay, little coarse sand to fine gravel, dense, damp,
3		13			stiff, no odor or stain.
		15			
4		18			
	GW12C	6	80	8*	4'-6': Till as above, trace coarse gravel in bottom of sample, no odor or stain.
5		10			
		14			
6		16			
		20	30	8*	6'-8': Till as above.
7		24			
		32			
8		30			
		A	-	-	Augered 8'-10'.
9		A			
		A			
10		A			
		10	100	250*	10'-12': Till as above.
11		14			
		20			
12		22			
		A	-	-	Augered 12'-14'.
13		A			
		A			
14		A			
		13	75	8*	14'-15.4': Dark gray, Till, silt, little clay, little coarse sand to fine gravel, damp, dense,
15		15			stiff, no odor or stain.
		50/.4			
16					Terminated soil boring at 15.5 feet bgs.
					Moved rig north ~ 8 feet. Redrilled to 8 feet and set well.
17					
18					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
GP = GEOPROBE - DIRECT PUSH

COMMENTS:
* = Elevated PID measurement potentially caused by water vapor in sample container at the time of measurement.
Grouted borehole up to surface, moved drill rig approximately 8 feet away, and re-drilled borehole to install well as shown above.
Collected soil sample from 4'-6' bgs for VOC, SVOC, Pesticides, PCBs, and TAL Metal analysis.

PARSONS
DRILLING RECORD

BORING/ WELL NO GW-13 Sheet 1 of 2

Contractor: NorthStar Drilling, Inc.
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: ATV-CME-45B

PROJECT NAME: AOC-1, Schenectandy Army Depot
PROJECT NUMBER: 743440.00000

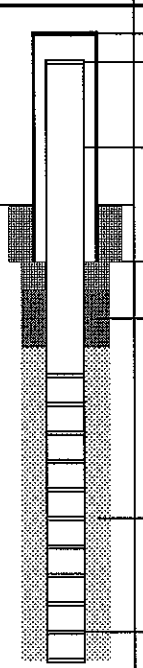
Location Description: See site plan

GROUNDWATER OBSERVATIONS				
Water Level	3.51			
Date	12/07/04			
Time	-			
Meas. From	TOC			

Weather: Partly Cloudy, light winds, 40's
Date/Time Start: November 22, 2004
Date/Time Finish: November 22, 2004

Location Plan
See site plan

Sample Depth	Sample I.D.	SPT	Rec. %	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		1	90	0.2	0'-2": Brown topsoil.
1		2			2"-2': Tan, Silt, some clay, little coarse sand to fine gravel, moist, no odor or stain.
		3			
2		2			
		10	95	0.8	2'-4': Tan, Silt, very dense, little clay, little coarse sand to fine gravel, moist, (Till),
3		18			no odor or stain.
		22			
4		44			
		14	100	11	4'-6': Till as above grading to dark gray till, same as above, trace coarse gravel,
5		22			damp.
		20			
6		22			
		34	100	400*	6'-8': Till as above.
7		32			
		30			
8		37			
		A	-	-	Augereded 8'-10'.
9		A			
		A			
10		A			
		16	80	250*	10'-12': As above, dark gray Till, no odor or stain.
11		18			
		21			
12		28			
		A	-	-	Augered 12'-14'.
13		A			
		A			
14		A			
		16	100	240*	14'-16': As above, dense Till,
15		22			
		28			
16		30			
		A	-	-	Augered 16'-18'.
17		A			
		A			
18		A			



SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
GP = GEOPROBE - DIRECT PUSH

COMMENTS:
* = Elevated PID reading potentially caused by water vapor in the sample container headspace at the time of measurement.
Grouted borehole up to surface, moved drill rig approximately 8 feet away, and re-drilled borehole to install well as shown above.

Contractor: NorthStar Drilling, Inc.					**PARSONS**	**BORING/** Sheet 2 of 2	
Driller: Scott Breeds					**DRILLING RECORD**	**WELL NO** GW-13	
Inspector: Scott Dillman						**Location Description:**	
Rig Type: ATV-CME-45B					**PROJECT NAME:** AOC-1, Schenectandy Army Depot	See site plan	
					PROJECT NUMBE 743440.00000		
GROUNDWATER OBSERVATIONS						**Location Plan**	
Water Level	3.51				**Weather:** Partly Cloudy, light winds, 40's	See site plan	
Date	12/07/04				**Date/Time Start:** November 22, 2004		
Time	-				**Date/Time Finish:** November 22, 2004		
Meas. From	TOC						

Sample Depth	Sample I.D.	SPT	Rec. %	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
		A			18-20': As above. Dense Till, damp.		
19		15	100	60*			
		18					
20		22					
		30					
21					Boring terminated at 20 feet bgs. Grouted to surface. Moved approximately 10 feet and drilled monitoring well boring to 8 feet and installed well.		
22							
23							
24							

SAMPLING METHOD

SS = SPLIT SPOON

A = AUGER CUTTINGS

GP = GEOPROBE - DIRECT PUSH

COMMENTS:

* = Elevated PID measurement potentially caused by moisture content in the air at the time of collection.

Grouted borehole up to surface, moved drill rig approximately 8 feet away, and re-drilled borehole to install well as shown above.

Contractor: NorthStar Drilling, Inc.
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: ATV-CME-45B

PARSONS
DRILLING RECORD

PROJECT NAME: AOC-1, Schenectandy Army Depot
PROJECT NUMBER: 743440.00000

BORING/ WELL NO GW-14 Sheet 1 of 2

Location Description: See site plan

Location Plan

See site plan

Weather: Cloudy, 40's to low 50's

Date/Time Start: November 19, 2004

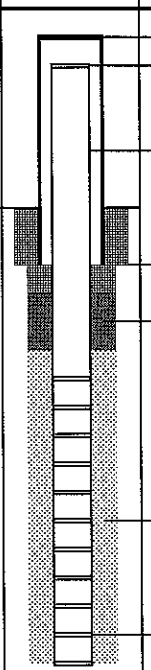
Date/Time Finish: November 22, 2004

GROUNDWATER OBSERVATIONS

Water Level	Dry			
Date	12/07/04			
Time	-			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	Rec. %	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		1	75	0.3	0'-2": Brown Silt (topsoil)
1		2			2"-2': Tan, Silt, little to some clay, little coarse rounded sand to fine gravel,
		2			weathered till, no odor or stain.
2		3			
		2	90	0.3	2'-4': Same as above grading to Silt to very fine Sand, little coarse rounded sand to
3		3			fine gravel, dense, damp, stiff, (Till), no odor or stain.
		16			
4		16			
		16	80	200*	4'-6': Till as above grading to dark gray Till, dense, similar materials, stiff,
5		22			dry to damp, no odor or stain.
		24			
6		20			
	GW14DE	24	90	150*	6-8: As above.
7		38			
		45			
8		25			
		8	50	250*	8'-10': Dense dark gray Till as above.
9		16			
		22			
10		22			
		10	100	45	10'-12': Dense dark gray Till, silt to very fine sand, little clay, little coarse
11		12			rounded sand to fine gravel, damp, trace coarse gravel, damp, no odor.
		12			or stain.
12		16			
		14	100	200*	12'-14': As above.
13		22			
		22			
14		29			
		12	50	134	14'-16': Dense dark gray Till as above, damp.
15		15			
		22			
16		22			
		22	5	0	16'-18': Dark gray Till as above, damp to dry.
17		24			
		28			
18		28			

SCHEMATIC



COMMENTS

NOTE:
Boring was drilled to 32 feet. The boring was grouted to the ground. surface. A new boring was drilled to 8 feet for well GW-14.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
GP = GEOPROBE - DIRECT PUSH

COMMENTS:
* = Elevated PID measurement potentially caused by water vapor in the sample container headspace.
Grouted borehole up to surface, moved drill rig approximately 8 feet away, and re-drilled borehole to install well as shown above.
Collected soil sample from 6'-10' bgs for VOC, SVOC, Pesticides, PCBs, and TAL Metal analysis.

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-14 Sheet 2 of 2

Contractor: NorthStar Drilling, Inc.
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: ATV-CME-45B

PROJECT NAME: AOC-1, Schenectandy Army Depot
PROJECT NUMBER: 743440.00000

Location Description: See site plan

GROUNDWATER OBSERVATIONS

Water Level	Dry			
Date	12/07/04			
Time	-			
Meas. From	TOC			

Weather: Cloudy, 40's to low 50's
Date/Time Start: November 19, 2004
Date/Time Finish: November 22, 2004

Location Plan
See site plan

Sample Depth	Sample I.D.	SPT	Rec. %	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
		10	100	0	18'-20': Dense dark gray Till, stiff, silt, little clay, little to some coarse sand to		
19		10			fine gravel, damp, no odor, no stain.		
		14					
20		16					
		8	-	-	20'-22': As above.		
21		12					NOTE:
		15					Boring was drilled to
22		20					32 feet. The boring was
		22	100	0	22'-24': As above.		grouted to the ground.
23		27					surface. A new boring
		38					was drilled to 8 feet
24		25					for well GW-14.
		12	100	0	24'-26': As above.		
25		14					
		22					
26		20					
		30	100	0	26'-28': As above.		
27		28					
		40					
28		40					
		16	100	0	28'-30': As above.		
29		18					
		30					
30		40					
		20	100	0	30'-32': As above.		
31		20					
		35					
32		50					
					Terminated soil boring at 32 feet bgs.		

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
GP = GEOPROBE - DIRECT PUSH

COMMENTS:

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-03 Sheet 1 of 2

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 743440.03000

Location Description: Near crest of hill. North of big lone tree and east of bottle disposal area.

Location Plan N

See Site Plan

Weather: Light rain, 70 degrees, calm.

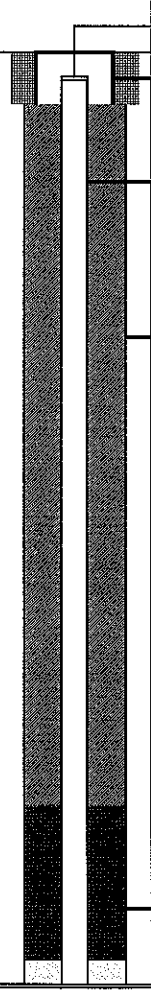
Date/Time Start: June 17, 2004 0800

Date/Time Finish: June 17, 2004 1530

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+3					
+2					
+1					
0					
		3	60	0.7	Brown Silt (0-8")
1		4			Tan-brown silt, trace coarse sand-very fine gravel, trace clay, moist, dense,
		6			semi-stiff. Weathered till.
2		4			No odor, no stain.
		5	95	0.8	Tan silty till as above, damp, no odor, no stain, stiff.
3		7			
		8			
4		12			
		6	75	1.0	Tan-light brown silt, some gravel, trace clay, dense, stiff, damp. Till
5		9			No odor, no stain.
		10			
6		14			
		20	95	0.9	As above
7		22			
		26			
8		30			
		8	100	0.6	As above
9		15			
		15			
10		24			
		22	95	1.1	As above
11		17			
		18			
12		24			
		24	100	1.1	As above
13		28			Hard drilling with augers.
		30			
14		30			
		10	100	0.9	As above. Dense, stiff.
15		15			
		17			
16		25			
		33	100	1.2	As above grading to tan-light brown silt, trace coarse sand,
17		33			damp-moist, stiff. Till
		32			
18		29			

SCHEMATIC



COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-03 Sheet 2 of 2

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 743440.03000

Location Description: Near crest of hill. North of big lone tree and east of bottle disposal area.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Light rain, 70 degrees, calm.

Date/Time Start: June 17, 2004 0800

Date/Time Finish: June 17, 2004 1530

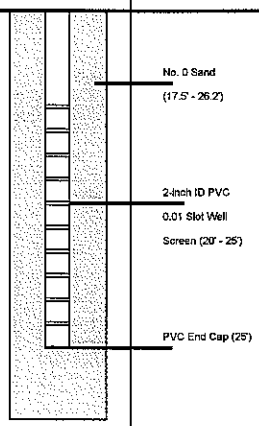
Location Plan

N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
		10	100	0.6	Tan-light brown Silt, trace coarse sand, damp-moist, stiff grading
19		50/0.3			to tan-brown Silt, some gravel, dense, stiff, damp. Till
20					
		20	100	0.8	Tan-brown Silt, some sand and gravel, shale cobbles, wet lenses.
21		55			Black-dark gray weathered Shale in end of sampler from cobble.
		50/0.3			~1.5 feet of free water in augers.
22					
		12	89	1.4	Gray-dark gray Silt, some gravel and cobbles, moist, dense. Till
23		35			Wet lenses.
		50/0.1			
24					
		100/0.2	100	2.0	Dark gray Shale, wet, thin horizontal bedding. Bedrock.
25					
26					
		100/0.2	100	0.5	As above.
27					Boring terminated at 26.2 feet.
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					

SCHEMATIC



COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-04 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 743440.03000

Location Description: South of main defoliated drainage area and west of pond and mound.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Cloudy, calm, 75 degrees, showers forecast.

Date/Time Start: June 22, 2004 0815

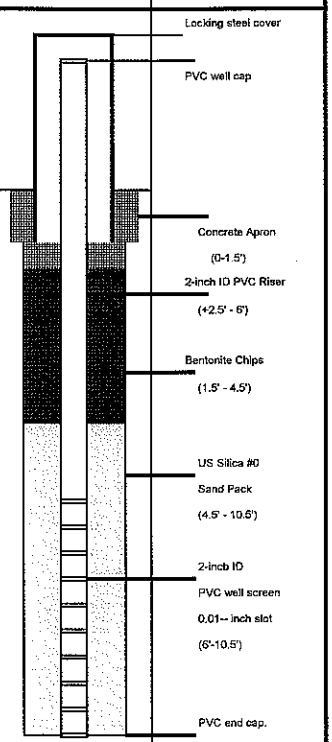
Date/Time Finish: June 22, 2004 1530

Location Plan

N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+3					
+2					
+1					
0					
		1			Tan-brown Silt (top soil) (0-8")
1		1			Tan Silt, trace coarse sand, trace-little clay, moist, semi-plastic.
		2			No odor, no stain.
2		3			
		9			Tan Silt, little-some coarse sand to very fine gravel, stiff, moist upper,
3		20			damp lower sample. Augers hit cobble or boulder. Till. No odor, no stain.
		21			
4		25			
		18			Till as above. Stiff, damp.
5		16			
		25			
6		22			
		30			Tan till as above (6'-6.9') grading to gray-dark gray till with trace of gravel, damp.
7		32			
		25			
8		20			
		10			Dark gray Till as above, moist. Bottom 3-inches of sample was dark gray shale.
9		50/0.3			
		A			
10		A			
		A			
11					
					Auger refusal at 10.5 feet. Boring terminated.
12					
13					
14					
15					
16					
17					
18					



SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-04 boring — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Matt Vetter/Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 743440.03000

Location Description: West of defoliated pill bottle area and south of defoliated drainage way in brush/woods.

Location Plan — See Site Plan

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Weather: Sunny, warm, breezy.
Date/Time Start: June 21, 2004 1610
Date/Time Finish: June 21, 2004 1700

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+3							
+2							
+1							
0							
		2	80	0	Brown Silt and Clay, trace medium to fine sand, dry to moist.		
1		1					Boring area excavated during test pit then backfilled with soil.
		2					
2		3					
	SD-SBGW04-2-4	2	30	1000.0	Gray-brown Silt and Clay as above with black tar-like substance sliding out		
3		2			bottom of split spoon sampler.		
		2					
4		1					
5					Boring terminated at 4 feet. This area further investigated with test pits.		
					Well GW-04 was moved down hill of this area.		
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-05 Sheet 1 of 2

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 743440.03000

Location Description: Between defoliated pill bottle area and brush/woods near power lines.

Location Plan

See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

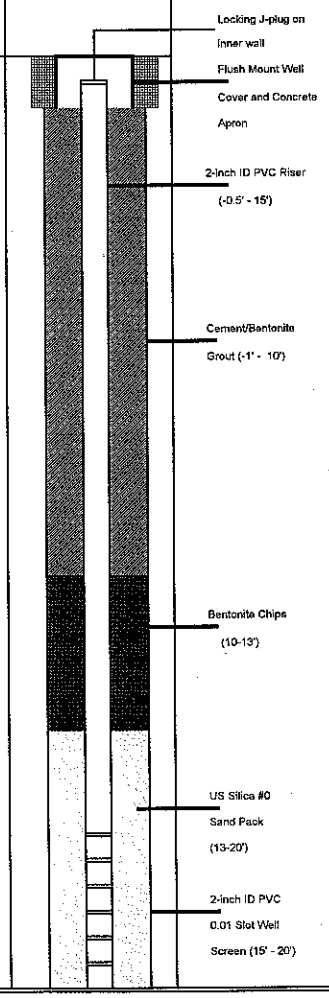
Weather: Cloudy, 60's to 80 degrees/Sunny, light breeze, 50's to 70's.

Date/Time Start: June 18, 2004 1100

Date/Time Finish: June 21, 2004 1450

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+3					
+2					
+1					
0					
1					Continuous split spoon samples were collected from nearby GW-05 boring.
					This boring was drilled to find a better developed water-bearing zone.
2					See the log for GW-05 boring for detailed information.
3					
4					
5					
		10			Tan Silt, some coarse sand and gravel, dry, stiff. Till.
6		16			No odor, no stain.
		18			
7		22			
8					
9					
10					
		9			As above.
11		21			
		22			
12		30			
13					
14					
15					
		27			As above 15-16.5', dry-damp.
16		35			
		35			
17		40			Dark gray Till, trace clay, slight increase in moisture, slight plasticity (16.5-17')
		30			Tan and gray Till (17-17.5')
18		35			

SCHEMATIC



COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-05 Sheet 2 of 2

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 743440.03000

Location Description: Between defoliated pill bottle area and brush/woods near power lines.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Cloudy, 60's to 80 degrees/Sunny, light breeze, 50's to 70's.

Date/Time Start: June 18, 2004 1100

Date/Time Finish: June 21, 2004 1450

Location Plan

N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
		44			Dark gray Till, trace clay, damp-moist.	2-inch ID PVC	
19		50/0.3				0.01 Slot Well	
		80/6"			Thinly bedded dark gray Shale, some rusty stain on bedding planes.	Screen (15' - 20')	
20		A			Wet-moist.	PVC End Cap (20')	
21					Boring terminated at 20 feet.		
					Auger refusal at 20 feet.		
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-05 boring — Sheet 1 of 2

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 743440.03000

Location Description: Between defoliated pill bottle area and brush/woods near power lines.

Location Plan — See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Light rain, 70 degrees, calm.
Date/Time Start: June 17, 2004 1635
Date/Time Finish: June 18, 2004 0935

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+3							
+2							
+1							
0							
		3	75	0.8	Tan Silt (top soil) grading to semi-stiff tan Silt, little coarse rounded sand. Till		
1		4			No odor, no stain, damp.		
		3					
2		6					
		5	90	0.5	Tan Silt, some coarse sand to fine gravel, trace clay, stiff, damp. Till		
3		6			No odor or stain.		
		6					
4		9					
		6	95	0.3	As above. Less moist.		
5		9					
		11					Cement/Bentonite Grout (0' - 21.5')
6		15					
		20	100	0.6	As above.		
7		22					
		50/0.3					
8		A					
		10	100	0.0	Tan-brown Silt, some coarse sand and gravel, dense, stiff, damp. Till.		
9		17			No odor, no stain.		
		22					
10		32					
		17	90	0.0	As above.		
11		18					
		22					
12		32					
		30	75	0.0	As above.		
13		28					
		44					
14		52					
		10	100	0.0	Tan Silt, less coarse sand and gravel than above grading back to material		
15		12			as above at bottom of sample. No stain or odor. Till		
		15					
16		22					
		25	100	0.0	Tan Silt, little to trace of coarse sand and gravel.		
17		28					
		30			Bottom 8 inches of sample is gray to dark gray Silt,		
18		30			some gravel, slightly more moist. Till. No odor or stain.		

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-05 boring — Sheet 2 of 2

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 743440.03000

Location Description: Between defoliated pill bottle area and brush/woods near power lines.

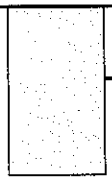
Location Plan — See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Light rain, 70 degrees, calm.
Date/Time Start: June 17, 2004 1635
Date/Time Finish: June 18, 2004 0935

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
		15	100	0	Gray to dark gray till, Silt, some gravel, moist. No odor or stain.
19		75			Weathered Shale, thinly bedded, moist at bottom of sample (18.5-19.2').
		70/0.2			No odor or stain.
20		A			
		100/0.2	90	0	Thinly bedded dark gray Shale, no visible moisture.
21		A			
		A			Auger refusal at 21.5 feet.
22					
					Boring terminated at 21.5 feet.
23					No obvious water bearing zone encountered in this boring. Approximately 1-inch
					of water entered the augers over a 45 minute period. Moved to offset location
24					in an attempt to encounter a better developed water bearing zone.
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

PARSONS
DRILLING RECORD

BORING/ WELL NO GW-06 Sheet 1 of 1

Contractor: NorthStar Drilling, Inc.
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: ATV-CME-45B

PROJECT NAME: AOC-2, Schenectandy Army Depot
PROJECT NUMBER: 743440.00000

Location Description: See site plan

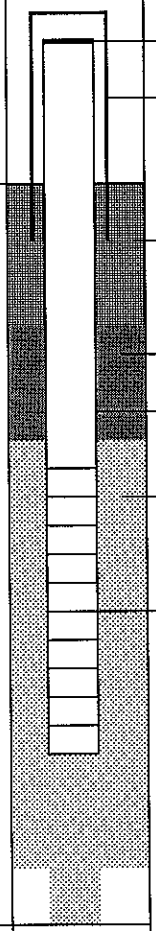
Weather: Mostly Cloudy, light breeze, low 40's
Date/Time Start: November 16, 2004 at 1105
Date/Time Finish: November 16, 2004 at 1445

Location Plan
See site plan

GROUNDWATER OBSERVATIONS				
Water Level	2.67			
Date	12/06/04			
Time	11.37			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	Rec. %	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		1	40	13.8	0'-2': Gray to brown Silt, some clay, little to trace coarse sand and fine gravel,
1		1			(weathered till), moist to wet, no odor or stain.
		1			
2		1			
		2	20	154*	2'-4': Tan to gray, Silt some clay, little coarse sand and fine gravel, (weathered till),
3		3			no odor or stain, wet, some plasticity.
		3			
4		3			
		WH	20	3.5	4'-6': Light blueish gray, Silt, trace metallic debris and clay, wet,
5		3			slight silvery sheen.
		1			
6		WH			
		1	90	52.5	6'-8': Light to medium gray, Silt to Sand grading to medium sand, some fine gravel,
7		2			wet, sand lens (approx. 8-in. thick) that contains slight silvery sheen in
		3			upper part of sample, no odor.
8		1			
		1	50	1.5	8'-10': Gray, Sand as above grading to fine sand, some silt, little clay, trace gravel,
9		5			dense at bottom of sample, no odor or stain, wet.
		7			
10		10			
		10	30	3	10'-12': Dense dark gray, Till, silt, some clay, trace coarse sand and gravel,
11		16			moist to wet, no odor or stain.
		16			
12		24			
		34	20	1	12'-14': Dense gray Till as above over dark gray, shale (bedrock ~0.3' recov.),
13		50/.2			no stain or odor.
14					Boring terminated at 12.7 feet
15					
16					
17					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
GP = GEOPROBE - DIRECT PUSH

COMMENTS:
* = Elevated PID measurement potentially caused by water vapor in the samplo container at the time of measurement..
WH - weight of hammer

PARSONS
DRILLING RECORD

BORING/ WELL NO GW-07 Sheet 1 of 1

Contractor: NorthStar Drilling, Inc.
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: ATV-CME-45B

PROJECT NAME: AOC-2, Schenectandy Army Depot
PROJECT NUMBER: 743440.00000

Location Description: See site plan

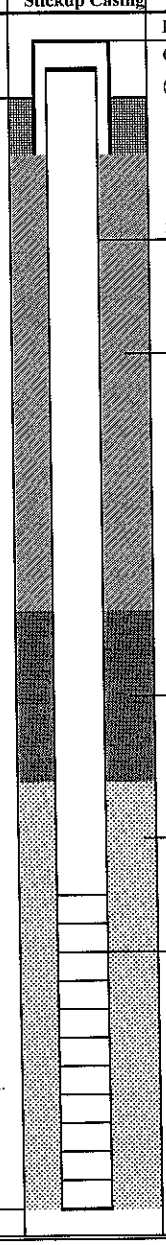
Weather: Mostly Clear, light breeze, low 50's
Date/Time Start: November 15, 2004 at 1328
Date/Time Finish: November 16, 2004 at 0900

Location Plan
See site plan

GROUNDWATER OBSERVATIONS				
Water Level	2.10			
Date	12/06/04			
Time	11:22			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	Rec. %	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		2	75	154	0'-4": Dark brown top soil.
1		2			4"-2': Tan, Silt, some clay, mottled with reddish brown, moist, slight to moderate
		3			odor, medium to soft, (weathered Till), no stain.
2		4			
		4	95	2.2	2'-4': Mottled tan reddsih brown, Silt, some clay, damp, semi-stiff, trace coarse
3		5			sand, fine gravel (weathered Till), no odor or stain.
		7			
4		9			
		7	100	0.1	4'-6': Tan Till, silt, little clay, trace to little coarse sand, mostly gray fine gravel,
5		8			not mottled, damp, little moisture, semistiff, no odor or stain.
		14			
6		10			
		18	100	4.8	6'-8': Same as above, Till, stiff and damp to dry.
7		16			
		14			
8		14			
		9	100	1	8'-10': Same as above, Till, stiff, damp to dry.
9		12			
		16			
10		20			
		8	100	56*	10'-12': Till as above, damp.
11		18			
		25			
12		25			
		28	100	150*	12'-14': Till as above, dense, damp.
13		28			
		43			
14		50/.3			
		50/0	0	0	14'-16': Split spoon refusal. No penetration.
15		A			Note: Augered to 17 ft. bgs.
		A			
16		A			
		A			
17		A			
		20	80	0	17'-17.9': Dark gray, shale, some silty clay (weathered zones), wet, no odor or stain.
18		50/.4			Note: Augered to 19.5 ft. bgs. Soil cuttings dark gray shale bedrock.
		A			
19		A			
		A			
20					Boring terminated at 19.5 feet

SCHEMATIC Stickup Casing



COMMENTS

COMMENTS:
* = Elevated PID measurement potentially caused by water vapor in sample container at the time of measurement.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
GP = GEOPROBE - DIRECT PUSH

PARSONS

DRILLING RECORD

BORING/ WELL NO. HP-01 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan N

See Site Plan

Weather: Sunny and Warm, 70 degrees.

Date/Time Start: July 24th, 2000 at 2:25 p.m.

Date/Time Finish: July 24th, 2000 at 4:30 p.m.

GROUNDWATER OBSERVATIONS

Water Level	9 feet.			
Date	7/28/00			
Time	7:00 a.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		1-2-3-5	60	19.9	Light to medium brown Silt, some fine sand, little clay, trace gravel, dry.		
2							
		4-8-9-11	75	10	Brown Silt, some fine sand, little clay, trace rock fragments, dry.		
4							
	AOC2-HP01C	11-24-28-40	70	15.6	Same as above, well compacted.		
6							
		30-40-49-45	85	28.4	Same as above.		Backfilled with auger cuttings.
8							
	AOC2-HP01E	9-10-20-24	80	27.4	Medium to dark brown Silt, little fine sand, some clay, trace rock fragments.		
10	AOC2-HP01						
	(Groundwater)						
12							
14							
					Boring terminated at 14 feet due to auger refusal.		
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Four attempts were made at different locations to advance the augers past 14 feet, but refusal was encountered each time.
One groundwater and two soil samples were collected to characterize subsurface conditions.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-02 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan

See Site Plan

Weather: Sunny and Warm, 70 degrees.

Date/Time Start: July 24th, 2000 at 4:50 p.m.

Date/Time Finish: July 25th, 2000 at 11:30 a.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		1-2-4-4	45	0	Light to medium brown Silt, some rock fragments, little clay, slightly		
2					plastic, dry to slightly moist, no odor or stain.		
		4-12-14-14	10	0	Same as above with less clay and little plasticity, dry.		
4							
	AOC2-HP02C	28-32-34-34	50	4.9	Tightly compacted brown Silt and fine Sand, little fine gravel, trace		
6					rock fragments, dry, no odor or stain.		
		31-38-39-38	40	0	Light brown Silt and fine Sand, little fine gravel, trace rock		Backfilled with auger cuttings.
8					fragments, dry, no odor or stain.		
		11-21-28-30	60	0	Same as above.		
10							
12							
14							
	AOC2-HP02H	24-28-28-32	55	3.8	Dark brown Silt, some fine to coarse sand, little fine gravel,		
16					weathered pink quartzite fragments,dry, no odor or stain.		
18							
20							
		27-42-50/0.4	20	0	Compacted gray Silt, some very fine gravel, little rock fragments,		
22					trace sand, dry, no stain or odor.		
24							
26		4-15-16-18	Poor	NA	Dark gray Silt, some rounded fine gravel, well compacted.		
28							
30							
		50/0.3	Poor	NA	Siltstone fragment in spoon tip.		
32							
					Boring terminated at 30.5 feet.		
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two soil samples were collected to characterize subsurface conditions.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-03 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Sunny and Warm, 70 degrees.
Date/Time Start: July 25th, 2000 at 5:30 p.m.
Date/Time Finish: July 25th, 2000 at 6:30 a.m.

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		3-3-4-5	50	10.5	Light to medium brown Silt, some orange and gray mottled lenses,		
2					little fine gravel, dry, no odor or stain.		
		4-6-7-15	70	11.5	Medium to dark brown Silt, some clay, little fine to coarse gravel,		
4					dry, no odor or stain.		
	AOC2-HP03C	25-28-30-30	70	14.2	Same as above.		
6							
		25-30-35-38	80	9.9	Same as above.		Backfilled with auger cuttings.
8							
	AOC2-HP03E	8-14-23-27	70	9	Same as above.		
10							
12					Boring terminated at 10 feet.		
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two soil samples were collected to characterize subsurface conditions.
The slow climb to the low level PID readings could be attributed to the unit detecting moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-04 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan

See Site Plan

Weather: Partly Sunny and Mild, 63 degrees.

Date/Time Start: July 26th, 2000 at 7:00 a.m.

Date/Time Finish: July 26th, 2000 at 11:45 a.m.

GROUNDWATER OBSERVATIONS

Water Level	11.5 feet.			
Date	7/27/00			
Time	8:00 a.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		2-4-6-7	40	0	Dark brown Silt, some clay, little fine to coarse gravel, dry.		
2					Light brown, orange, and gray mottled Silt, some clay, dry.		
		5-7-11-12	50	0.6	Dark brown and light orange mottled Silt, some clay, trace gravel, dry.		
4					Dark brown Silt, some clay, little fine to coarse gravel, dry.		
	AOC2-HP04C	11-11-24-27	75	154	Dark brown Silt, some clay, little fine to coarse gravel, dry,		
6					old solvent odor, no stain.		
	AOC2-HP04D	22-32-31-38	90	16	Brown Silt, some fine to coarse gravel, little clay, dry, same odor		Backfilled with
8					as above, no stain.		auger cuttings.
		12-16-19-32	85	13.9	Same as above except odor was less pronounced.		
10							
		19-19-31-32	80	7.9	Brown Silt, some clay, little fine to coarse gravel, dry, no stain,		
12	AOC2-HP04				same slight odor as above.		
	(Groundwater)						
14							
16	AOC2-HP04I	4-19-27-31	85	4.2	Brown Silt, some clay, little fine to coarse gravel, dry, no odor or		
					stain.		
18							
20							
22							
24					Auger cuttings were gray silt with some fine to coarse gravel.		
26							
28							
30							
		29-50/.1	Poor	NA	No Recovery.		
32							
34					Boring terminated at 32 feet.		
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
One groundwater and three soil samples were collected to characterize subsurface conditions.

PARSONS

DRILLING RECORD

BORING/ WELL NO. HP-05 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan

See Site Plan

Weather: Partly Sunny and Mild, 63 degrees.

Date/Time Start: July 26th, 2000 at 1:25 p.m.

Date/Time Finish: July 26th, 2000 at 3:30 p.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		2-4-8-7	60	14.6	Light to medium brown Silt, some clay, little fine to coarse gravel, some small orange and gray mottled zones, dry, no odor or stain.		
2							
		15-7-7-11	75	13.2	Brown Silt, some clay, little fine to coarse gravel, some orange and gray mottled zones, dry, no odor or stain.		
4							
		11-11-11-30	70	15.2	Same as above except for the orange lenses.		
6							
	AOC2-HP05D	20-31-38-50/.3	70	17	Dark brown Silt, some fine to coarse gravel, little clay, little rock fragments, dry, no stain, slight solvent odor.		Backfilled with auger cuttings.
8							
		11-23-31-38	70	18.2	Same as above.		
10							
	AOC2-HP05F	11-21-30-34	60	10.2	Brown Silt, some clay, little fine to coarse gravel, dry, no odor or stain.		
12							
14							
16					Boring terminated at 14 feet due to auger refusal.		
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two attempts were made to advance the augers past 14 feet, but refusal was encountered each time.
Two soil samples were collected to characterize subsurface conditions.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-06 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan N

See Site Plan

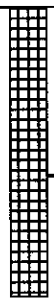
Weather: Sunny and Warm, 70 degrees.
Date/Time Start: July 25th, 2000 at 4:00 p.m.
Date/Time Finish: July 25th, 2000 at 5:00 p.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		1-3-5-6	40	0	Dark brown Silt and fine Gravel, dry, no odor or stain.
2					Medium brown to gray Silt, some discolorations, dry, no odor or stain.
		9-7-6-16	50	0	Light to medium brown Silt, some orange and gray mottling, trace clay,
4					dry, no stain, slight unidentifyable odor.
		25-30-35-35	70	0	Medium brown Silt, some fine to coarse gravel, little rock fragments,
6					trace clay, dry, no odor or stain.
	AOC2-HP06D	11-20-20-35	90	7.1	Medium brown Silt, some fine to coarse gravel, little orange and gray
8					lenses, trace clay, dry, no odor or stain.
		25-35-35-35	90	4.8	Same as above without the gray lenses.
10					
	AOC2-HP06F	7-11-12-15	60	0	Medium brown Silt, some fine to coarse gravel, little clay, dry, no odor
12					or stain.
14					Boring was terminated at 12 feet.
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two soil samples were collected to characterize subsurface conditions.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-07 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan — See Site Plan

Weather: Partly Sunny and Mild, 63 degrees.

Date/Time Start: July 25th, 2000 at 1:30 p.m.

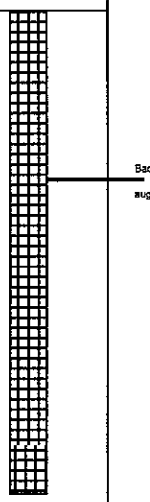
Date/Time Finish: July 27th, 2000 at 3:30 p.m.

GROUNDWATER OBSERVATIONS

Water Level	1.2 feet			
Date	7/28/00			
Time	7:00 a.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		3-3-2-3	Poor	NA	Poor Recovery.
2					
		9-11-11-15	45	20.3	Brown compacted Silt, some fine gravel, little clay and rock fragments,
4					wet, no odor or stain.
		20-30-50/0.4	50	37.5	Same as above except more saturated.
6					
	AOC2-HP07D	27-37-41-42	90	33.3	Well compacted Silt, some fine to coarse gravel, little rock fragments,
8					trace wood, glass, and metal fragments, trace clay, dry, no stain, slight odor.
		10-15-24-30	90	41.8	Same as above, dry. Auger cuttings produced a 3 inch piece of sheet metal.
10					
		19-29-39-50	70	18.3	Well compacted brown Silt, some fine to coarse gravel, little rock
12					fragments, little clay, one small piece of sheet metal (fall in), dry.
	AOC2-HP07				
14	(Groundwater)				
16	AOC2-HP07I	15-20-23-25	80	29.7	Brown Silt and fine to coarse gravel.
					Dark gray compacted Silt, some fine to coarse gravel, trace clay, dry.
18					
20					
22					Boring terminated at 20 feet.
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
One groundwater and two soil samples were collected to characterize subsurface conditions.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-08 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan

See Site Plan

Weather: Sunny and Warm, 63 degrees.

Date/Time Start: July 26th, 2000 at 4:00 p.m.

Date/Time Finish: July 26th, 2000 at 5:00 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		1-3-7-6	70	17.5	Dark brown Silt, some clay, little fine to coarse gravel.		
2					Orange to brown mottled Silt, some clay and gravel, dry, no odor or stain.		
		7-8-10-11	80	14.9	Medium to dark brown Silt, some clay, little orange and gray mottled		
4					lenses, trace fine to coarse gravel, dry, no odor or stain.		
		9-10-20-38	85	11.9	Dark brown Silt, some clay, little fine to coarse gravel, little gray		
6					mottling, dry, no odor or stain.		
	AOC2-HP08D	15-24-34-50/0.3	90	20.2	Same as above without the mottled lenses.		Backfilled with auger cuttings.
8							
		15-30-30-35	20	20.5	Same as above without the lenses.		
10							
	AOC2-HP08F	10-15-20-30	80	15.2	Dark brown Silt, some clay, little fine to coarse gravel, dry, no odor		
12					or stain.		
14							
16							
					Boring terminated at 14.5 feet.		
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two attempts were made at different locations to advance the augers past 14.5 feet, but refusal was encountered each time.
The two boring locations were approximately three feet apart.
Two soil samples were collected to characterize subsurface conditions.

PARSONS
DRILLING RECORD

BORING/WELL NO. HP-09 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northeast corner of AOC2 behind the Burns residence.

Location Plan

See Site Plan

Weather: Light Rain, 60 degrees.
Date/Time Start: July 27th, 2000 at 9:00 a.m.
Date/Time Finish: July 27th, 2000 at 11:00 a.m.

GROUNDWATER OBSERVATIONS

Water Level	7.7 feet.			
Date	7/27/00			
Time	2:00 p.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC2-HP09A2	2-4-6-6	60	10.8	Dark brown Silt, some clay, little fine to coarse gravel, some organics.		
2					Orange and gray mottled Silt, some fine to coarse gravel, dry, no odor or stain.		
		4-5-10-10	50	20.2	Medium brown Silt, some fine to coarse gravel, little clay,		
4					trace orange silt, dry, no odor or stain.		
	AOC2-HP09C	8-10-10-11	70	26	Medium brown Silt, some fine to coarse gravel, and shale fragments,		
6					little clay, trace gray silt, dry, no odor or stain.		
		50-33-33-37	25	25	Medium brown Silt, some fine to coarse gravel, little orange silt,		Backfilled with auger cuttings.
8					little clay, trace rock fragments, dry, no odor or stain.		
	AOC2-HP09	17-15-24-20	70	26.7	Medium brown Silt, some fine to coarse gravel, little rock fragments,		
10	(Groundwater)				little clay, dry, no odor or stain.		
		10-15-25-30	75	21.5	Same as above.		
12							
14							
16							
	AOC2-HP09I	12-18-31-46	75	17.1	Same as above with more rock fragments.		
18							
20							
					Brown Silt, some rock fragments, little clay, some fine to coarse		
22					gravel, dry, no odor or stain.		
24							
26		100/0.1	Poor	NA	Poor Recovery.		
28					Boring terminated at 25.1 feet.		
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
One groundwater and three soil samples were collected to characterize subsurface conditions.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-01 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the southern section of the barren areas in AOC2.

Location Plan N

See Site Plan

Weather: Partly Sunny, 70 degrees.

Date/Time Start: July 28th, 2000 at 8:00 a.m.

Date/Time Finish: July 28th, 2000 at 9:00 a.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		4-5-7-6	15	56.2	Dark brown Silt, some fine to coarse gravel, little clay, moist, no odor or stain.		
2							
	AOC2-SB01B	3-2-2-4	60	106	Medium to dark brown Silt, some broken glass bottles and white paste, strong sulfur type smell, little clay, moist to wet.		
4							
		4-7-12-10	75	46.7	Medium to dark brown Silt, some fine to coarse gravel, little bottles and iodine/salt tablets, little clay, moist to wet, no stain.		
6							
	AOC2-SB01D	19-27-31-35	80	49.1	Medium brown Silt, some fine to coarse gravel, little clay, more competent than above, dry, no odor or stain.		Backfilled with auger cuttings.
8							
		21-27-31-42	20	30.2	Same as above.		
10							
12					Boring terminated at 10 feet.		
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two soil samples were collected to characterize subsurface conditions.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-02 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-2
PROJECT NUMBER: 736741.03005

Location Description: Located in the northern section of the barren areas in AOC2.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly Sunny, 70 degrees.

Date/Time Start: July 28th, 2000 at 10:00 a.m.

Date/Time Finish: July 28th, 2000 at 11:00 a.m.

Location Plan

N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		1-1-2-4	60	43	Medium brown Silt, some clay, little fine to coarse gravel, moist to wet, no stain, solvent type odor.		
2							
	AOC2-SB02B	2-4-6-8	60	28.5	Medium brown and gray Silt, some clay, little fine to coarse gravel, moist, no stain, same odor as above.		
4							Backfilled with auger cuttings.
		15-25-25-38	75	34	Brown, orange, and gray Silt, some clay, little fine to coarse gravel, trace rock fragments, moist, no stain, solvent type odor.		
6							
	AOC2-SB02D	68-89/0.1	90	23.4	Dark to medium brown Silt, some fine to coarse gravel, little clay, trace rock fragments, dry, no odor or stain.		
8							
					Boring terminated at 8 feet.		
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two soil samples were collected to characterize subsurface conditions.
Elevated PID readings could be attributed to solvent odors.

PARSONS

DRILLING RECORD

BORING/ WELL NO. MW-1 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Steve Laramie
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located southwest of AOC 3 in the parking lot near the existing warehouse.

Location Plan N

See Site Plan

Weather: Day to Day

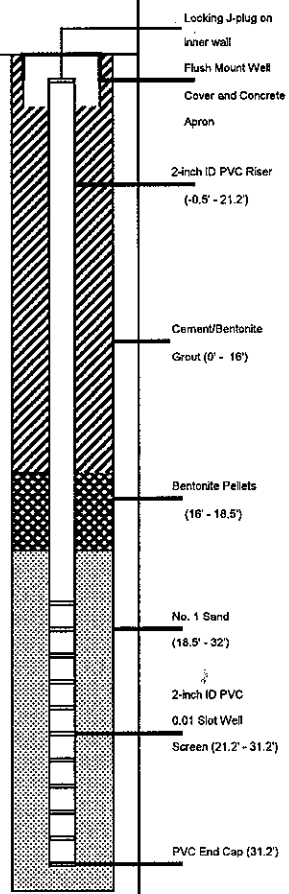
Date/Time Start: October 3rd, 2000 at 3:20 p.m.

Date/Time Finish: October 3rd, 2000 at 5:30 p.m.

GROUNDWATER OBSERVATIONS				
Water Level	24.2 ft			
Date	10/10/00			
Time	7:15 a.m.			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
2					
4					Medium brown Silt, some fine to coarse gravel, little rock
				0	fragments, trace sand, dry no stain or odor, till. (0' - 32')
6					
8					
10				0	
12					
14					
				0	
16					
18					
20				0	
22					
24					
				0	Medium brown Silt, some fine to coarse gravel, little rock
26					fragments, trace sand, dry no stain or odor, till. (0' - 32')
28					
30				0	
32					
34					Boring terminated at 32 feet.
36					

SCHEMATIC



COMMENTS:

Soil samples were not collected due to the proximity of adjacent soil borings.
No elevated PID readings and visual contamination was observed at this location.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. MW-2 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Steve Laramie
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located southwest of the proposed warehouse at the corner of the fence.

Location Plan N

See Site Plan

Weather: Cloudy and Cool, 50's

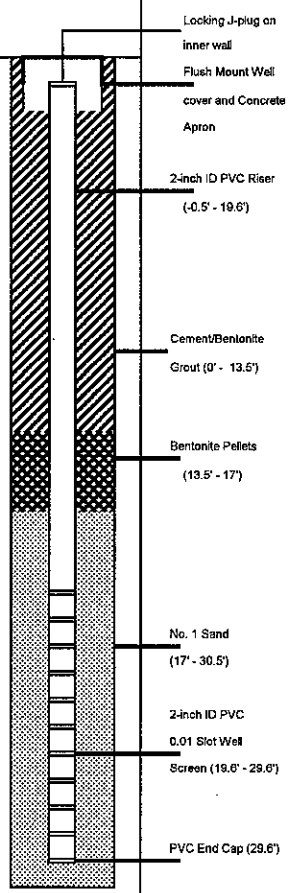
Date/Time Start: October 3rd, 2000 at 10:15 a.m.

Date/Time Finish: October 3rd, 2000 at 5:15 p.m.

GROUNDWATER OBSERVATIONS

Water Level	22.57 ft			
Date	10/4/00			
Time	7:30 a.m.			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
2					
4					Medium brown Silt, some fine to coarse gravel, little rock fragments,
				0	trace sand, dry no stain or odor, till. (0' - 30.5')
6					
8					
10				0	
12					
14					
				0	
16					
18					
20				0	
22					
24					
				0	Medium brown Silt, some fine to coarse gravel, little rock fragments,
26					trace sand, dry no stain or odor, till. (0' - 30.5')
28					
30				0	
32					
					Boring terminated at 30.5 feet.
34					
36					



SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Soil samples were not collected due to the proximity of adjacent soil borings.
No elevated PID readings and visual contamination was observed at this location.

PARSONS

DRILLING RECORD

BORING/ WELL NO. MW-3 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Steve Laramie
Inspector: Tim Johnson
Rig Type: CME-45

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located east of the proposed warehouse in the grass between the road and the drainage channel.

Location Plan N

See Site Plan

Weather: Cloudy and Cool, 50's

Date/Time Start: October 3rd, 2000 at 10:15 a.m.

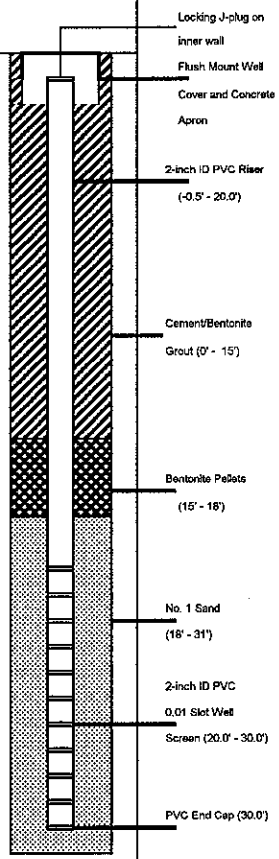
Date/Time Finish: October 3rd, 2000 at 5:15 p.m.

GROUNDWATER OBSERVATIONS

Water Level	22.58 ft			
Date	10/10/00			
Time	5:00 p.m.			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		2-9-9-14	70	0	(0-2) Medium brown Silt, some gray weathered shale, little
2					rock fragments, trace gravel, trace organics, dry, no odor or stain.
		16-23-30-23	50	0	(2-4) Medium brown Silt, some fine gravel, little rock fragmnets,
4					trace gray silt and shale fragments, dry, no odor or stain.
		8-9-10-14	40	0	(4-6) Same as above, tightly compacted.
6					
		14-14-11-10	50	0	(6-7) Gray Silt, some fine gravel and rock fragments.
8					(7-8) Same as above, brown silt, dry, no stain or odor.
		7-7-7-7	45	0	(8-10) Same as above, loosely compacted.
10					
		6-10-10-12	60	0	(10-12) Gray and light brown Silt, some weathered shale, little
12					rock fragments, some fine gravel, dry, no stain or odor.
		6-12-14-6	25	0	(12-14) Same as above.
14					
		14-12-8-6	50	0	(14-16) Light to medium brown Silt, some shale and rock
16					fragments, dry, no stain or odor.
		6-6-6-7	35	0	(16-18) Gray and brown Silt, some fine to medium gravel, little
18					rock fragments, dry, no stain or odor.
		6-10-10-8	40	0	(18-20) Same as above, small pockets of moisture.
20					
		9-11-6-16	40	0	(20-22) Medium brown Silt, some fine to coarse gravel, little
22					rock fragments, little fine sand, moist in areas, no stain or odor.
		10-8-8-7	20	0	(22-24) Gray and brown Silt, some weathered shale fragments,
24					cobble in tip, dry, no stain or odor.
		5-15-12-5	40	0	(24-26) Medium brown Silt, some rock fragments, little fine
26					gravel, saturated, no odor or stain.
		1-5-5-6	40	0	(26-28) Same as above.
28					
30					
32					
					Boring terminated at 31 feet.
34					
36					

SCHEMATIC



COMMENTS:

Soil samples were not collected due to the proximity of adjacent soil borings.

No elevated PID readings and visual contamination was observed at this location.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. MW-5 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located off northwest corner of warehouse on school grounds between the fence and pines.

Location Plan

N

See Site Plan

Weather: Sunny, warm, breezy.

Date/Time Start: May 8, 2001 5:10 PM

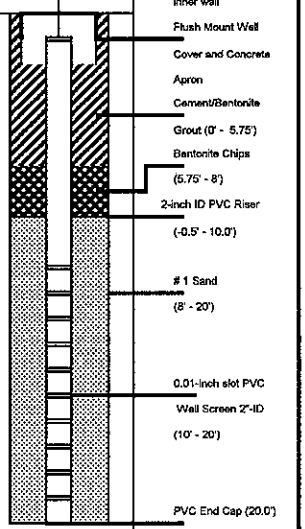
Date/Time Finish: May 9, 2001 9:50 AM

GROUNDWATER OBSERVATIONS

Water Level	11.79			
Date	5/10/01			
Time	3:05 p.m.			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3MW5A	2-6-6-8	30	7.4	Tan silt, little-some coarse sand and gravel. Dry. No odor. No stain.
2					
		14-50/0.2	25	0.7	As above.
4					
		25-13-10-10	70	7	Tan silt, some coarse sand-gravel, cobbles. Till. Dry.
6					
		10-11-6-5	75	1.3	As above. Damp.
8					
		4-6-7-6	95	1.7	Tan silt-very fine sand, some fine to coarse gravel, trace clay. Stiff. Damp. No stain. No odor.
10					
		7-4-6-5	30	1.7	As above. Moist. No stain. No odor.
12					
		5-6-7-8	40	1.2	As above.
14					
		4-5-4-5	30	0.9	As above.
16					
	AOC3MW5I	20-17-13-6	25	0	Tan silt to very fine sand, some fine to coarse gravel. Moist to wet.
18					
		6-7-9-18	10	0	Poor recovery. Mostly gravel. Wet.
20					
22					Boring terminated at 20 feet.
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS:

* - Highest PID reading reported (initial screening and head space reading).

Grain size sample collected from 12 to 16 feet.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. MW-6 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located between discus pit and running track at Guilderland High School.

Location Plan N

See Site Plan

Weather: Sunny, warm, breezy.

Date/Time Start: May 9, 2001 9:50 AM

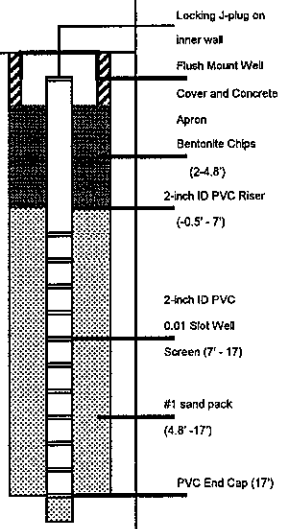
Date/Time Finish: May 9, 2001 2:30 PM

GROUNDWATER OBSERVATIONS

Water Level	8.47			
Date	5/10/01			
Time	9:55 a.m.			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID * (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3MW6A	4-7-7-8	75	0	Tan silt to very fine sand. No odor. No stain. Dry-damp.
2					
		9-11-10-11	95	0.5	Tan silt to very fine sand, little coarse sand and gravel. Weathered shale gravel. Weathered till. No odor. No stain.
4					
		7-6-6-5	90	0.4	
6					
		7-3-5-8	35	0.5	As above. Damp.
8					
		5-7-8-7	80	0.4	As above with of trace clay. Moist near 10 feet. No odor. No stain.
10					
		3-4-4-10	80	0	Silt, some sand and gravel, clay lense near 10 feet. More gravel near 12 feet. Wet.
12					
		9-11-6-6	90	0.3	Silt to sand, some gravel, shale cobble. Till. Wet. No stain. No odor. No sheen.
14					
		2-4-4-8	40	0.5	Silt-sand and gravel, trace clay. Till. Wet. No odor. No stain. No sheen.
16					
	AOC3MW6I	14-8-6-7	75	3	As above.
18					
					Boring sampled to 18 feet and augered to 17 feet.
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

COMMENTS:

Grain size sample collected from 12 to 16 feet.

* - Highest concentrations posted (initial screening or head space reading).

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. MW-7 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description:
Located between Guilderland High School building and perimeter fence off southwest corner of new warehouse.

Location Plan

N

See Site Plan

Weather: Sunny, warm, breezy.

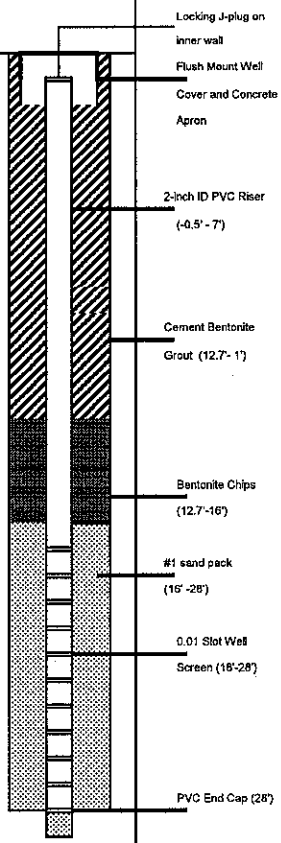
Date/Time Start: May 9, 2001 12:20 PM

Date/Time Finish: May 10, 2001 3:15 PM

GROUNDWATER OBSERVATIONS				
Water Level	19.49			
Date	5/10/01			
Time	1:12 p.m.			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID * (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3MW7A	3-5-6-6	75	0	Tan silt to very fine sand, some coarse sand to fine gravel, trace clay,
2					weathered brown shale (weathered till). No odor. No stain. Dry.
		5-5-6-9	80	0	As above. Damp.
4					
		5-5-6-7	80	0	As above. Damp to moist.
6					
		3-5-9-14	80	0	As above.
8					
		14-14-10-11	80	0	As above.
10					
		11-14-14-20	65	0	As above.
12					
		14-12-15-18	90	0	As above.
14					
		13-10-8-8	90	2.4	Tan silt to very fine sand, some coarse sand to gravel, weathered brown shale,
16					trace clay. No odor. No stain. Damp. Picking up rig exhaust with PID?
		9-7-6-5	50	0	As above.
18					
		5-5-13-25	60	0	As above.
20					
		4-5-6-5	80	0.2	As above. Moist.
22					
	AOC3MW7L	6-8-5-8	40	0.8	Tan silt to very fine sand, more coarse sand and gravel than above. Wet.
24					No odor. No sheen. No stain. VOC Sample collected.
	AOC3MW7N	4-6-8-7	30	0	As above. Wet. Poor recovery. SVOC, Pest/PCB, metals sample collected.
26					
		7-9-7-9	30	0	As above.
28					
		7-8-13-19	25	0.2	As above.
30					
32					Boring sampled to 30 feet and augered to 28 feet.
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Grain size sample collected from 24 to 30 feet.
* - Highest concentration posted (initial screening or head space reading).

PARSONS

DRILLING RECORD

BORING/ WELL NO. MW-8 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located between the western fence of the Depot and the new warehouse.

Location Plan N

See Site Plan

Weather: Sunny, warm, breezy.

Date/Time Start: October 23, 2001 10:15 AM

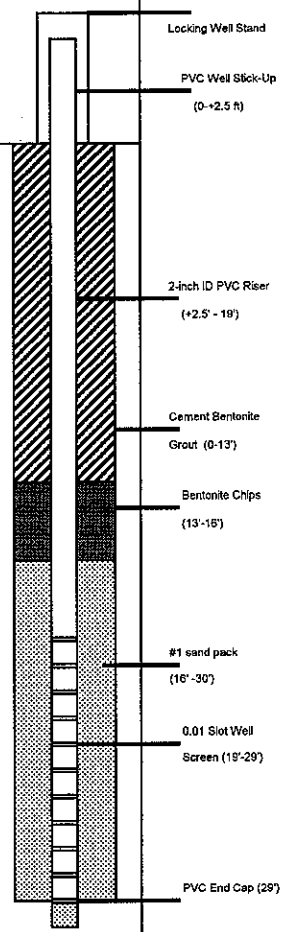
Date/Time Finish: October 23, 2001 2:30 PM

GROUNDWATER OBSERVATIONS

Water Level	24.30			
Date	11/7/01			
Time	2:00 p.m.			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3MW8A	4-4-24-24	50	0	Brown organics and topsoil, some silt, little rock fragments, dry. (0-0.3)
2					Brown Silt and rock fragments, trace sand, dry, no odor or stain. (0.3-2.0)
		20-15-16-23	75	0	Light brown compacted Silt, some fine to coarse gravel and rock fragments,
4					little fine to coarse sand, dry, no odor or stain. (2-4).
		15-19-19-15	70	0	Brown to dark gray weathered shale fragments, soft, some silt, dry. (4-5)
6					Light brown Silt, some rock fragments, trace sand, dry. (5-6)
		20-19-20-21	75	0	Compacted brown Silt and rock fragments, some fine to coarse sand, dry,
8					no odor or stain. (6-8)
		15-12-12-11	30	0	Brown fractured siltstone fragments, some compacted silt, dry, no odor or stain.
10					(8-10)
		7-7-9-6	60	0	Medium to dark brown Silt, some rock fragments, some fine to coarse gravel,
12					dry, no odor or stain. (10-12)
		2-4-6-5	0	NA	Rock is spoon tip, no recovery. (12-14)
14					
		2-5-3-9	65	0	Dark brown Sand and fine Gravel, some silt, some rock fragments, slightly moist,
16					no odor or stain. (14-15.5) Gray weathered shale fragments, some silt. (15.5-16)
		5-5-5-10	70	0	Dark brown compacted Silt, some fine to coarse gravel, little sand, dry, no odor
18					or stain. (16-18)
		3-6-7-5	70	0	Same as above, less compact. (18-20)
20					
		3-4-8-6	60	0	Same as above, trace clay. (20-21.5)
22					Medium to dark brown fine Gravel, some silt and rock fragments,
		5-8-7-8	30	0	moist to wet (21.5-22) Brown Silt and rock fragments, some weathered black
24					shale, trace gravel, no odor or stain. (22-24)
		6-24-22-16	50	0	Brown and dark gray Silt, some weathered shale fragments, little fine gravel,
26					trace clay, wet, no odor or stain. (24-26)
		16-20-25-24	65	0	Light brown Silt, some fine to coarse sand and gravel, wet. (26-27)
28	AOC3MW8N				Gray Silt, compact, some rock fragments, little fine gravel, trace clay, wet. (27-28)
	(26-30)	12-24-17-9	50	0	Same as 27-28 from above. (28-30)
30					
32					Boring sampled to 30 feet and augered to 29 feet.
34					
36					

SCHEMATIC



COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

Contractor:	North Star Drilling
Driller:	Lynn Todd
Inspector:	Tim Johnson
Rig Type:	CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

BORING/ WELL NO. MW-9 Sheet 1 of 1

Location Description:
Located on the Guilderland High School property northwest of the site adjacent to the bus parking lot.

Location Plan

N

See Site Plan

Weather: Sunny, warm, breezy.

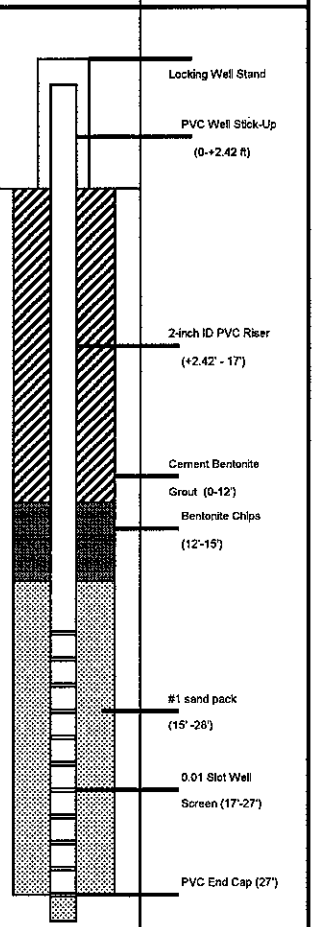
Date/Time Start: October 22, 2001 11:40 AM

Date/Time Finish: October 22, 2001 3:00 PM

GROUNDWATER OBSERVATIONS

Water Level	21.02			
Date	11/7/01			
Time	2:00 p.m.			
Meas. From	TOC			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3MW9A	10-10-10-10	40	0	Brown organics and topsoil, some silt, little rock fragments, dry. (0-0.3)
2					Brown and orange Silt, compact, dry, no odor or stain. (0.3-2.0)
		8-8-10-10	65	0	Compacted light brown Silt, some gray mottled zones, trace fine sand, dry
4					no odor or stain. (2-4)
		6-8-8-9	50	0	Same as above, becoming lighter and finer. (4-6)
6					
		10-6-15-14	70	0	Light brown to tan very fine Silt, soft, dry. (6-7)
8					Brown and gray sand, some shale fragments, little f-m gravel, dry. (7-8)
		11-8-3-4	40	0	Brown and gray sand, some shale fragments, little f-m gravel, dry. (8-10)
10					
		12-14-18-12	90	0	Brown to tan fine Silt, some shale fragments, some quartzite fragments, little
12					rock flour, dry, no odor or stain. (10-12)
		11-10-9-11	40	0	Brown and gray Silt, some fine to medium gravel, dry, no odor or stain (12-12.5)
14					Same as above with more rock fragments, moist in tip. (12.5-14)
		9-15-10-20	50	0	Brown fine Silt, some gray and brown shale fragments, trace sand and gravel,
16					dry, moist in tip. (14-16)
		34-10-12-7	70	0	Same as above. (16-18)
18					
		12-14-16-8	75	0	Brown Silt and fine sand, some rock fragments, no odor or stain, wet at 19.5 ft.
20					(18-20)
		9-15-12-22	5	0	Poor recovery, spoon was saturated, little dark brown silt. (20-22)
22					
		14-7-2-4	70	0	Fine to medium Gravel, dark brown to black, well graded, some larger rock
24					fragments, wet, no odor or stain. (22-24)
		9-17-9-8	70	0	Dark brown Silt, some rock fragments, trace gravel, wet, no odor or stain. (24-25)
26	AOC3MW9N				Well graded fine to coarse sand and Gravel, dark brown to black, wet. (25-26)
	(24-28)	5-5-3-3	85	0	Same as 25-26 from above. (26-28)
28					
30					Boring sampled to 28 feet and augered to 27 feet.
32					
34					
36					



SCHEMATIC | **COMMENTS**

COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. HP-01 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 west of the current warehouse and south of the proposed warehouse.

Location Plan N

See Site Plan

Weather: Sunny and Warm, 70 degrees.

Date/Time Start: July 24th, 2000 at 10:30 a.m.

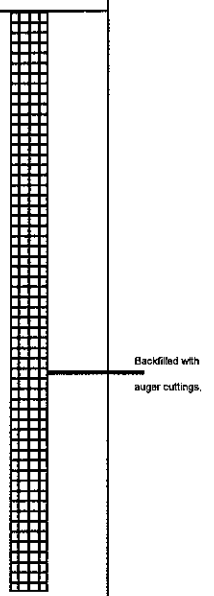
Date/Time Finish: July 24th, 2000 at 1:00 p.m.

GROUNDWATER OBSERVATIONS

Water Level	17.4 ft			
Date	7/24/00			
Time	12:00 p.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
					Augered to 5 feet.
2					
4					
6		29-18-30-19	40	25.7	Brown to gray fine Sand, some rock fragments, little fine gravel and asphalt chips, dry, fill.
8					
10					
		24-18-16-12	30	15.9	Medium brown Sand and Silt, some rock fragments, little fine to coarse
12					gravel, dry, no odor or stain.
14					
16		25-25-17-16	10	10.9	Brown Silt and fine Sand, some fine to coarse gravel, trace clay, dry,
18					no odor or stain.
	AOC3-HP01				Augering becoming more difficult.
20					
		14-17-14-14	10	10.2	Brown Silt and fine Sand, little rock fragments, wet, no odor or stain.
22					
		6-7-4-5	5	26.9	Fine to coarse Gravel, some fine sand, little rock fragments, wet.
24					
26					Boring terminated at 24 feet.
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

COMMENTS:

AOC3-HP01 was a groundwater sample collected using a temporary well and geopump.
Temporary well screen set from 19 to 24 feet below grade.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. HP-02 Sheet 1 of 1

Contractor: Northstar Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-35

PROJECT NAME: Schenectady Depot
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 at the former dump area.

Location Plan N

See Site Plan

Weather: Partly cloudy, 60 degrees.

Date/Time Start: July 19th, 2000 at 3:20 p.m.

Date/Time Finish: July 20th, 2000 at 9:00 a.m.

GROUNDWATER OBSERVATIONS

Water Level	16.5 ft			
Date	7/20/00			
Time	8:30 a.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
2							
4							
6		35-50/0	10	NA	Tan Silt, little coarse sand, trace gravel, damp, refusal due to a boulder.		Backfilled with auger cuttings.
8							
10							
		9-11-15-9	35	38.6	Tan Silt, some dark weathered shale gravel, till, damp, no odor or stain.		
12							
14							
16		20-11-5-5	25	44.5	Tan Till as above, moist to wet at bottom.		
18							
20	AOC3-HP02						
		25-33-12-8	60	25.2	Gravel, some silt, trace clay, wet, no odor or stain.		
22							
24					Boring terminated at 22 feet.		
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
AOC3-HP02 was a groundwater sample collected using a temporary well and geopump.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.
Temporary well screen set from 21.5 to 16.5 feet below grade.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-03 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

GROUNDWATER OBSERVATIONS				
Water Level	14.0 ft			
Date	7/20/00			
Time	11:15 a.m.			
Meas. From	Grade			

Weather: Partly cloudy, 60 degrees.

Date/Time Start: July 20th, 2000 at 9:30 a.m.

Date/Time Finish: July 20th, 2000 at 1:00 p.m.

Location Plan

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
2							
4							
6		16-14-12-15	70	129	Tan Silt, some gravel, trace clay, till, dry, upper section possibly reworked,		Backfilled with
					no stain or odor. Auger refusal, pulled ahead five feet (SW).		auger cuttings.
8							
10							
		21-23-24-50	75	125	Tan Till, some silt and coarse sand, little gravel, damp, no stain or odor.		
12							
14							
16	AOC3-HP03	8-10-9-3	50	189	Tan Till, some silt and gravel, wet at bottom.		
18							
20							
		1-2-10-5	NA	140	Tan Silt and Gravel, soft and wet.		
22							
24					Boring terminated at 22 feet.		
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
AOC3-HP03 was a groundwater sample collected using a temporary well and geopump.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.
Temporary well screen set from 18.5 to 13.5 feet below grade.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-04 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 east of the parking lot adjacent to the industrial park entrance.

Location Plan N

See Site Plan

Weather: Partly cloudy, 60 degrees.

Date/Time Start: July 21th, 2000 at 1:00 p.m.

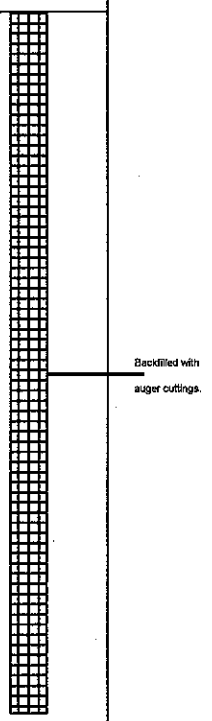
Date/Time Finish: July 21th, 2000 at 3:30 p.m.

GROUNDWATER OBSERVATIONS

Water Level	16.8 ft			
Date	7/21/00			
Time	2:15 p.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		2-5-8-9	25		Brown Silty topsoil, some tan silt, little coarse sand, trace clay, dry, no odor or stain.
2					
		2-5-8-10	70		Tan Silt, little gravel, trace clay, no odor or stain.
4					
		5-5-9-10	50		Tan to gray Till, some silt, little clay and coarse sand, trace gravel, dry.
6					
8					
10					
		5-5-5-6	100		Tan Silty Clay, some clayey silt, moist, no odor or stain.
12					
14					
16		3-3-4-5	60		Gray Silty Clay, moist, no odor or stain.
18	AOC3-HP04				
20					
		1-2-2-3	95		Gray Silty Clay as above, moist to wet, semi-plastic.
22					
24					
26		3-4-5-8	95		Gray Silty Clay, saturated, no odor or stain.
28		4-8-8-30	NA		Same as above.
30					Boring terminated at 29 feet.
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
AOC3-HP04 was a groundwater sample collected using a temporary well and geopump.
Temporary well screen set from 28.5 to 18.5 feet.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-01 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

Location Plan N

See Site Plan

Weather: Partly cloudy, 60 degrees.

Date/Time Start: July 19th, 2000 at 1:30 p.m.

Date/Time Finish: July 19th, 2000 at 2:15 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB01A	5-7-5-7	30	129	Dark brown Silt with shale fragments, some gravel over tan till and silt, little coarse sand, moist, no odor or stain.		
2							
		11-31-24-17	5	311	Tan Till, some silt, little gravel, trace clay, dry, no odor or stain.		
4							
		16-21-29-19	25	124	Tan Silt, little gravel, little coarse sand, trace stained brown rubber.		
6	AOC3-SB01D						Backfilled with auger cuttings.
	(Composite 4-8)	17-37-50/.4	65	601	Tan Till, some silt, some gravel and cobbles, little coarse sand, no odor or stain, native.		
8							
	AOC3-SB01E	12-21-17-15	60	204	Tan Silt and Shale Gravel, little coarse sand, no stain or odor.		
10							
12					Boring terminated at 10 feet.		
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-02 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly cloudy, 60 degrees.
Date/Time Start: July 19th, 2000 at 10:45 a.m.
Date/Time Finish: July 19th, 2000 at 12:00 p.m.

Location Plan N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3-SB02A	3-4-4-4	60	341	Brown top soil over tan Silt, little coarse sand, trace clay, moist, no odor or stain.
2					
		2-2-3-4	50	245	Tan Silt, little coarse sand, trace shale gravel, trace clay, moist, no odor or stain.
4					
		7-7-3-1	25	156	Tan Silt, some sand, little gravel, trace clay, till.
6					
	AOC3-SB02D	10-10-12-12	75	381	Tan Till, some silt, and shale gravel, damp, no stain or odor.
8					
		33-18-17-12	60	201	Same as above with trace brick and ash, may be fall in from above.
10					
		16-19-19-21	Poor	NA	Recovered part of a granite cobble in tip.
12					
	AOC3-SB02G	9-10-12-20	75	370	Tan Till, some silt and shale gravel, damp to dry, no odor or stain.
14					
16					Boring terminated at 14 feet.
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

COMMENTS

COMMENTS:
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-03 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

Location Plan N

See Site Plan

Weather: Partly cloudy, 60 degrees.

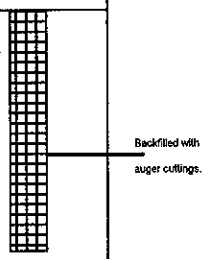
Date/Time Start: July 19th, 2000 at 9:00 a.m.

Date/Time Finish: July 19th, 2000 at 9:45 a.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3-SB03A	5-15-9-10	50	1500	Tan Silt, little coarse sand, trace clay, damp, no odor or stain.
2					
	AOC3-SB03B	7-8-14-26	65	563	Same as above, lower section was shale gravel, no stain or odor.
4					
		14-31-30-25	75	207	Tan Silt, some shale gravel, little cobbles, trace clay, dry, no odor or stain.
6					
		35-30-29-25	25	64	Same as above with some sand mixed in, moisture in lenses, native.
8					
	AOC3-SB03E	14-10-10-10	75	87	Tan Till, some silt, little gravel, trace clay, moist to wet in lenses, no odor or stain, native.
10					
					Boring terminated at 10 feet.
12					
14					
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-04 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

Location Plan — See Site Plan

Weather: Partly cloudy, 60 degrees.

Date/Time Start: July 19th, 2000 at 7:30 a.m.

Date/Time Finish: July 19th, 2000 at 8:40 a.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB04A	2-5-5-12	5	14.9	Tan Silt, some clay, little gravel, moist, no odor or stain.		
2							
	AOC3-SB04B	14-29-36-21	75	635	Tan Silt, some gravel, trace clay, damp, no odor or stain.		
4							
		15-14-50/.4	70	196	Same as above with trace red brick, dry to damp, no odor or stain.		
6							Backfilled with auger cuttings.
		15-46-32-19	100	469	Tan Till, some silt, some gravel (shale), little coarse sand, no		
8					odor or stain. Lower half appears to be native.		
	AOC3-SB04E	23-19-15-19	100	100	Tan Till, some silt, little gravel (shale), no odor or stain.		
10					Appears to be native.		
12					Boring terminated at 10 feet.		
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Encountered auger refusal 5.8 feet with insufficient sample volume beneath the fill zone.
Moved ahead several feet, augered to 6 feet, and commenced sampling from this depth.
PID readings may be high due to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-05 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly sunny, 65 degrees.

Date/Time Start: July 18th, 2000 at 4:30 p.m.

Date/Time Finish: July 18th, 2000 at 6:15 p.m.

Location Plan N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB05A	1-1-2-1	10	21	Tan Till, some silt, little clay, little coarse sand, disturbed/reworked.		
2							
		3-6-7-6	50	107	Same as above with ash and cinders at the bottom.		
4							
		5-4-2-1	25	46.6	Cinders and ash, little coal.		
6	AOC3-SB05D						
	(Composite 4-8)	1-1-1-3	15	42.8	Cinders and ash, some glass, some tan silt and sand, trace brick and clay, moist.		
8							Backfilled with auger cuttings.
		5-10-50/.3	10	22.9	Tan brown silt, some weathered shale, dry to damp, no odor or stain.		
10							
		9-50/.4	10	19.6	Tan to brown till as above, dry to damp. Augering to 12 feet.		
12							
	AOC3-SB05G	41-44-19-18	30	0	Tan till as above.		
14	(Composite of 10-14)						
16					Boring terminated at 14 feet.		
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

Encountered auger refusal at nine feet with insufficient sample volume beneath the fill zone.
Moved ahead several feet, augered to ten feet, and commenced sampling from this depth.
AOC3-SB05D and AOC3-SB05G were composite samples due to poor recovery.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-06 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

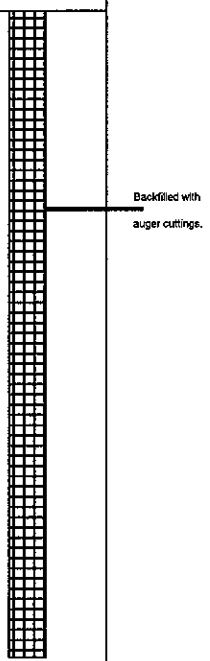
Location Plan — See Site Plan

Weather: Partly sunny, 65 degrees.
Date/Time Start: July 20th, 2000 at 3:45 p.m.
Date/Time Finish: July 20th, 2000 at 5:15 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3-SB06A	4-6-9-4	55	24.5	Tan reworked Till, some wood fragments, moist.
2					
		5-7-9-10	Poor	1.2	Wood fragment in shoe, slight staining and odor, possible railroad tie.
4					
		4-8-7-6	Poor	7.9	Tan reworked Till, soft, moist, no odor or stain.
6					
		12-11-9-8	25	1200	Tan Till, some silt, little sand and gravel, trace clay, treated wood
8					fragments, "creosote" type odor, moist.
		10-9-7-4	Poor	NA	No Recovery
10					
		2-2-2-2	10	39.9	Tan Silt, little clay, trace gravel, no odor or stain.
12					
		3-4-7-8	25	13.6	Tan Silt, some gravel, little treated wood, moist to wet, no odor or stain.
14					
	AOC3-SB06H	4-2-1-5	30	11.9	Reworked Till and wood fragments.
16	(Composite 12-16)				
		17-2-1-4	5	0	Same as above with a nail.
18					
		5-4-4-9	20	278	Silty Till, some sand, little fine gravel, trace wood, moist to wet, black
20					staining, oily odor.
	AOC3-SB06K	8-9-8-8	5	122	Same as above.
22	(Composite 18-22)				
		6-4-4-6	Poor	NA	No Recovery, outside of spoon coated with black oil.
24					
		4-4-6-5	Poor	NA	No Recovery.
26					
28					Boring terminated at 26 feet.
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Drilled a boring adjacent to SB06 to 24 feet to collect a water sample on 7/21/00. Similar spoon results were observed from 18-24 feet. Water sample was AOC3-SB06R and collected from a screened zone between 19 and 24 feet using a geopump. The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-07 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly sunny, 65 degrees.
Date/Time Start: July 20th, 2000 at 6:00 p.m.
Date/Time Finish: July 20th, 2000 at 7:00 p.m.

Location Plan N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB07A	2-3-4-7	20	42.2	Tan weathered Till, some silt, little gravel and coarse sand, moist.		
2							
		50/.4	Poor	NA	Same as above.		
4							
		17-17-11-11	75	25	Rock from 4-4.5. Augered to 4.5 ft. Tan weathered Till, Some silt, little		Backfilled with
6					coarse sand and shale gravel, damp, no odor or stain.		auger cuttings.
	AOC3-SB07D	11-12-10-8	60	80	Tan Till, some silt and shale gravel, damp to moist lenses, no odor or		
8					stain, native.		
		8-8-9-9	5	9.8	Same as above.		
10							
12					Boring terminated at 10 feet.		
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
The middle soil sample was not collected because there was no field evidence of contamination and the depth to native material was small.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-08 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

Location Plan N

See Site Plan

Weather: Partly sunny, 65 degrees.

Date/Time Start: July 18th, 2000 at 9:45 a.m.

Date/Time Finish: July 18th, 2000 at 10:50 a.m.

GROUNDWATER OBSERVATIONS				
Water Level	17.4 ft			
Date	7/18/00			
Time	11:00 a.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3-SB08A	2-3-4-6	40	61	Tan Silt, little red coarse sand, damp, no odor or stain.
2					
		5-5-4-5	40	167	Tan Silt, little coarse sand, damp, no odor or stain.
4					
		6-14-10-10	45	123	Tan Silt, little fine to medium gravel, weathered till, no odor or stain.
6					
		7-7-50/.3	30	58	Tan Silt, some gravel, moist with some dry lenses, no odor or stain.
8					
		30-12-8-12	5	47	Tan Silt, little coarse sand, pink quartzite cobble in spoon, moist.
10					
	AOC3-SB08F	33-15-14-9	50	194	Tan Silt, some sand and gravel, little clay at bottom, moist lenses.
12					
		14-10-11-14	50	111	Same as above with thin sandy, moist lenses.
14					
		9-9-7-6	60	155	Coarse Sand and Gravel, some silt and clay, moist to wet lenses.
16					
	AOC3-SB08I	19-26-18-11	50	140	Same as above in the upper half. Lower half was heavily weathered dark gray shale.
18					
20					Boring terminated at 18 feet.
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

Backfilled with auger cuttings.

COMMENTS:

The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-09 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

Location Plan — See Site Plan

Weather: Partly cloudy, 60 degrees.

Date/Time Start: July 19th, 2000 at 6:00 p.m.

Date/Time Finish: July 19th, 2000 at 7:00 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB09A	2-2-6-7	60	440	Tan Silt, little coarse sand, trace clay, weathered till, moist,		
2					no odor or stain.		
		5-10-8-10	70	136	Tan Silt, little shale gravel, damp, no odor or stain.		
4							
		15-18-18-12	70	211	Tan Silt, some shale gravel, damp to dry, no odor or stain.		
6							Backfilled with auger cuttings.
		9-10-20-20	20	125	Tan Silt, some coarse sand, little shale fragments, trace metallic		
8					objects (clamp).		
	AOC3-SB09E	14-18-19-20	60	540	Tan Silt, some gravel, lens of reddish tan silt, moist.		
10							
	AOC3-SB09F	NA	45	287	Tan to brown Till, some silt, little gravel, moist to wet in lenses, little		
12					rusty stain.		
14					Boring terminated at 12 feet.		
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-10 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

GROUNDWATER OBSERVATIONS				
Water Level	18.0 ft			
Date	7/18/00			
Time	3:15 p.m.			
Meas. From	Grade			

Weather: Partly sunny, 65 degrees.
Date/Time Start: July 18th, 2000 at 2:00 p.m.
Date/Time Finish: July 18th, 2000 at 3:15 p.m.

Location Plan

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB10A	2-3-9-12	45	51	Tan Silt, little coarse sand, weathered till, damp, no odor or stain.		
2							
		8-15-20-11	30	115	Tan Silt, some coarse sand, little gravel, dry to damp, no odor or stain.		
4							
		14-10-10-20	25	20	Same as above.		
6							
	AOC3-SB10D	20-25-25-15	80	195	Upper sample as above, lower sample was weathered dark gray shale,		
8					no odor or stain.		Backfilled with
		17-14-14-18	50	12	Tan Silt, some coarse sand, little gravel, weathered shale. Silt layers		auger cuttings.
10					were moist and the shale was dry. No odor or stain.		
		15-14-11-7	20	23.6	Tan till as above, damp to moist, no odor or stain.		Caved to 11 ft.
12							
		6-26-7-11	30	12	Tan Till, some coarse sand, little silt and clay, trace gravel, moist lenses,		
14					no odor or stain.		
		11-9-8-7	30	53.6	Tan to brown dense Till, some gravel, little clay, damp, no odor or stain.		
16							
		7-16-20-14	70	186	Tan Till, some silt, litte clay, lenses of coarse sand, moist to wet.		
18							
	AOC3-SB10J	9-11-11-10	60	8.3	Tan brown till, some silt, little coarse sand, trace gravel and clay, moist		
20					to wet.		
22					Boring terminated at 20 feet.		
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-11 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3.

Location Plan N

See Site Plan

Weather: Partly sunny, 65 degrees.

Date/Time Start: July 20th, 2000 at 2:00 p.m.

Date/Time Finish: July 20th, 2000 at 2:35 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB11A	2-5-12-12	50	137	Tan reworked Till, some silt, little coarse sand and gravel, trace clay,		
2					damp, no odor or stain.		
	AOC3-SB11B	14-21-21-22	65	308	Tan Till, some silt, little shale gravel, trace clay, damp, no odor or stain.		
4							
		18-20-33-50	50	171	Same as above, thin lens of gray fine sand and stone, no odor or stain.		
6							
		12-12-14-11	75	121	Tan dark gray Till, some dark shale gravel, trace pyrite, damp,		
8					no odor or stain.		Backfilled with
	AOC3-SB11E	11-14-12-11	40	301	Tan Silt, some dark shale gravel as above, moist, no odor or stain.		auger cuttings.
10							
		NA	NA	NA	Same as above.		
12							
14					Boring terminated at 12 feet.		
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-12 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB06.

Location Plan N

See Site Plan

Weather: Partly sunny, 80 degrees.

Date/Time Start: August 3rd, 2000 at 8:45 a.m.

Date/Time Finish: August 3rd, 2000 at 11:45 a.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		3-7-8-10	60	3.3	Dark brown Silt, some fine to coarse gravel, little shale fragments,
2					trace wood, dry, no odor or stain.
		4-5-10-15	40	15.9	Same as above, no wood present.
4					
		10-10-12-14	80	25.7	Dark brown Silt, some shale fragments, dry, no odor or stain.
6					
		15-26-20-20	60	13.1	Same as above, larger fragments.
8					
		17-14-11-10	80	0	Dark brown Silt and fine Sand, some fine to coarse gravel, little shale
10					fragments, moist, no odor or stain.
		15-18-10-10	65	4.7	Dark brown fine to medium Sand, some shale fragments, little silt,
12					moist, no odor or stain.
		10-15-15-11	50	10	Same as above.
14					
16					Boring terminated at 14 feet.
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of the fill and oily residue in AOC3-SB06.
Samples were not collected due to low PID readings and no visual contamination.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-13 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 east of SB06.

Location Plan N

See Site Plan

Weather: Partly sunny, 80 degrees.

Date/Time Start: August 3rd, 2000 at 12:45 p.m.

Date/Time Finish: August 3rd, 2000 at 1:30 p.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		2-6-7-14	30	3.5	Dark brown Silt, some wood chips, moist, no odor or stain.		
2							
		14-7-8-12	45	2.1	Dark brown to black Silt, some charred wood and soil, trace		
4					gravel, slightly moist, no odor or stain.		
		8-4-4-5	60	6.8	Same as above.		
6							
		3-5-7-8	Poor	NA	No Recovery.		
8							Backfilled with
		12-20-28-24	10	1.1	Dark brown and black Silt, some fine to coarse gravel,moist with a		auger cuttings.
10					black liquid residue (oil), no odor.		
		8-24-34-34	40	4.2	Black and dark brown Silt, black oil residue, slight odor.		
12					Dark brown Silt, some f-c gravel, trace shale, dry, no odor or stain.		
		8-14-27-17	70	0.5	Same as above (11-12).		
14							
16					Boring terminated at 14 feet.		
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of fill and oily residue near AOC3-SB06.
Samples were not collected due to low PID readings and because the material was similar to that already sampled in AOC3-SB06.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-14 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 east of SB06.

Location Plan N

See Site Plan

Weather: Partly sunny, 80 degrees.

Date/Time Start: August 3rd, 2000 at 1:40 p.m.

Date/Time Finish: August 3rd, 2000 at 3:15 p.m.

GROUNDWATER OBSERVATIONS

Water Level	18.4 ft			
Date	8/3/00			
Time	2:50p.m.			
Meas. From	Grade (Varies)			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		2-2-2-2	70	0	Dark brown to orange Silt, some fine gravel, little clap, plastic,		
2					slightly moist, no odor or stain.		
		1-2-3-2	80	0	Same as above except gray, slight odor.		
4							
		4-4-5-7	50	0	Dark gray brown Silt, some fine to coarse gravel, some clay,		
6					trace white plastic.		
		2-4-3-3	60	0	Black stained Silt, some yellow packing material, little white plastic,		
8					moist, pungent "refuse" odor.		Backfilled with
		3-4-3-3	Poor	NA	No recovery. Auger cuttings filled with plastic and oil stained soil.		auger cuttings.
10							
		7-6-4-4	Poor	NA	No recovery, material as above.		
12							
	AOC3-SB14G	9-12-9-16	70	1274	Black stained fine to coarse Gravel, some silt and sand, little rock		
14					fragments, strong hydrocarbon odor.		
		5-5-14-50/.3	80	770	Same as above with white plastic.		
16							
		100/.1	Poor	NA	No recovery, tough drilling, cuttings still contain white plastic and oil		
18					stained soil.		
		7-8-7-14	50	796	Black, oil stained, fine to coarse Gravel, some sand, little rock fragments,		
20					moist, strong hydrocarbon odor.		
		8-8-10-4	60	1068	Same as above.		
22							
	AOC3-SB14L	7-8-11-11	90	1382	Black, oil stained, fine to coarse Sand, some fine to coarse gravel, wet,		
24					strong hydrocarbon odor.		
		7-6-8-6	30	1037	Same as above.		
26							
28					Boring terminated at 26 feet.		
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of fill and oily residue near AOC3-SB06.
Two soil samples were collected to characterized the materials.

PARSONS

DRILLING RECORD

Contractor:	North Star Drilling
Driller:	Lynn Todd
Inspector:	Tim Johnson
Rig Type:	CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

BORING/ WELL NO. SB-15 Sheet 1 of 1

Location Description: Located in AOC3 west of SB06.

Location Plan N

See Site Plan

Weather: Partly sunny, 80 degrees.

Date/Time Start: August 3rd, 2000 at 4:30 p.m.

Date/Time Finish: August 3rd, 2000 at 4:45 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
2					Augered to 10 feet to delineate fill and oily residues observed in AOC3-SB06.		
4							
6							
8							Backfilled with auger cuttings.
10							
12		11-13-11-15	60	0	Dark brown fine to coarse Sand, some fine gravel, little rock fragments, dry, no odor or stain.		
14					Boring terminated at 12 feet.		
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of fill and oily residues near AOC3-SB06.
No samples were collected due to the lack of high PID readings and contamination.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-16 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 west of SB14.

Location Plan

N

See Site Plan

Weather: Partly sunny, 80 degrees.

Date/Time Start: August 3rd, 2000 at 4:00 p.m.

Date/Time Finish: August 3rd, 2000 at 4:20 p.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
2					Augered to 10 feet to check for contamination.
4					
6					
8					
10					
12		7-9-7-10	70	0	Dark brown fine to coarse Sand, some fine to coarse gravel, little rock fragments, dry, no stain, slight "refuse" odor.
14					Boring terminated at 12 feet.
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

Backfilled with auger cuttings.

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
No samples were collected due to the lack of high PID readings and contamination.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-17 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC- 3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB01.

Location Plan: See Site Plan

Weather: Sunny and Cool, 65 degrees.
Date/Time Start: September 26th, 2000 at 10:20 a.m.
Date/Time Finish: September 26th, 2000 at 11:15 a.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
2					Augered through 4 feet of fill.		
4							
	AOC3-SB17C	6-5-7-6	60		Medium brown Silt, some fine sand, little rock fragments, trace gravel,		
6					dry, no odor or stain.		
		19-18-14-11	Poor	NA	No Recovery.		
8							Backfilled with
		17-7-14-16	60		Light orange Silt and fine sand over dark brown to gray weathered shale		auger cuttings.
10	AOC3-SB17F				and silt, some rock fragments, trace clay, dry, no odor or stain.		
	(Composite 8-12)	7-9-14-18	85		Medium to dark brown Silt, some fine to medium sand, little rock fragments,		
12					dry, no odor or stain.		
	AOC3-SB17G	14-12-10-12	70		Medium to dark brown Silt and fine to medium Sand, some weathered shale		
14					fragments, little fine gravel, dry, no odor or stain.		
		6-9-7-6	5	NA	Brown Silt, some fine sand, little rock fragments.		
16							
		13-14-15-12	35		Brown Silt and fine Sand, some shale fragments, dry, no stain or odor.		
18							
		17-18-9-10	10	17.8	Same as above.		
20							
22					Boring terminated at 20 feet.		
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents detected in AOC3-SB01.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB01.
The slow climb to the elevated PID reading could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-18 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB01.

Location Plan

N

See Site Plan

Weather: Sunny and Cool, 65 degrees.

Date/Time Start: September 25th, 2000 at 2:45 p.m.

Date/Time Finish: September 25th, 2000 at 3:30 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB18A	6-12-13-12	65		Brown Silt and fine Sand, some gray weathered shale.		
2					Brown Silt, some charred material, dry, no odor or stain.		
		14-25-40-10	40		Light to medium brown Silt and fine Sand, some rock fragments,		
4					dry, no odor or stain.		
	AOC3-SB18C	20-22-20-18	80		Medium brown to gray Silt and fine Sand, some rock fragments,		
6					dry, no odor or stain.		
		18-9-9-10	60		Gray and brown weathered Shale, some brown silt, little rock		
8					fragments, dry, no odor or stain.		Backfilled with auger cuttings.
	AOC3-SB18E	13-18-21-10	30		Medium brown Silt and fine Sand, some fine gravel, little rock		
10					fragments, trace clay, dry, no odor or stain.		
		7-8-10-14	40		Same as above.		
12							
		6-7-14-9	30		Same as above.		
14							
		8-12-10-12	50		Medium to dark brown Silt, some fine sand, little rock fragments,		
16					trace clay, dry, no odor or stain.		
18					Boring terminated at 16 feet.		
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

This boring was completed to delineate the extent of constituents near AOC3-SB01.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB01.
PID unit was not functioning properly.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-19 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB01.

Location Plan N

See Site Plan

Weather: Sunny and Cool, 65 degrees.

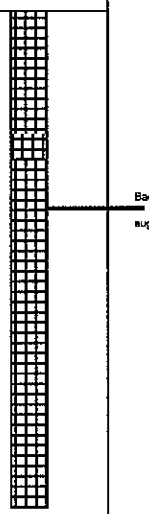
Date/Time Start: September 26th, 2000 at 8:45 a.m.

Date/Time Finish: September 26th, 2000 at 9:45 a.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
2					Augered through 4 feet of fill.
4					
	AOC3-SB19C	6-5-5-6	40	91	Medium brown Silt, some fine sand, little black/shiny charred material, little rock fragments, dry, no odor or stain.
6					
		12-14-15-20	50	150	Brown Silt, some weathered shale and rock fragments, trace gravel, dry, no odor or stain.
8					
	AOC3-SB19E	15-21-16-18	60	140	Medium brown Silt, little fine sand, some rock fragments, trace fine gravel, dry, no odor or stain.
10					
	AOC3-SB19F	11-12-11-11	15	106	Same as above.
12					
		9-7-8-14	30	80.2	Same as above.
14					
		12-15-14-15	Poor	NA	Quartzite fragment stuck in tip.
16					
		12-11-9-10	45	69.1	Medium to dark brown Silt, some fine sand, little rock fragments, trace gravel, dry, no odor or stain.
18					
		12-10-8-12	40	NA	Same as above.
20					
22					Boring terminated at 20 feet.
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

This boring was completed to delineate the extent of constituents near AOC3-SB01.
Three soil samples were collected at depths corresponding to constituents detected at AOC3-SB01.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-20 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north SB01.

Location Plan — See Site Plan

Weather: Sunny and Cool, 65 degrees.

Date/Time Start: September 25th, 2000 at 1:40 p.m.

Date/Time Finish: September 25th, 2000 at 2:30 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB20A	10-12-16-18	85		Light to dark brown Silt, some very fine sand, little rock fragments,		
2					dry, no odor or stain.		
		26-40-30-35	60		Medium brown Silt, some rock fragments, trace fine sand, dry, no		
4					odor or stain.		
	AOC3-SB20C	13-35-40-14	60		Brown Silt, some very fine sand, little rock fragmnets, dry no		
6					odor or stain.		
		9-16-7-7	45		Medium to dark brown Silt, some fine sand, little rock fragments, dry,		
8					no odor or stain.		Backfilled with auger cutings.
	AOC3-SB20E	16-16-9-8	50		Medium brown Silt, some fine to medium sand, little rock fragments,		
10					dry, no odor or stain.		
		15-7-8-13	40		Same as above.		
12							
		12-8-9-13	15		Same as above, slightly moist.		
14							
		16-13-9-9	45		Same as above.		
16							
18					Boring terminated at 16 feet.		
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents detected at AOC3-SB06.
PID unit was not functioning properly.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-21 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB01.

Location Plan N

See Site Plan

Weather: Sunny and Cool, 65 degrees.

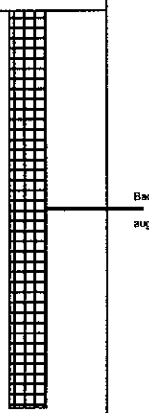
Date/Time Start: September 25th, 2000 at 12:30 p.m.

Date/Time Finish: September 25th, 2000 at 1:30 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3-SB21A	4-9-13-25	60	39.5	Brown Silt, some very fine sand, little organics, dry, no stain,
2					rotten organic odor, fill.
		16-10-15-15	20	14.5	Light to medium brown fine to coarse Sand, some rock fragments,
4					trace silt, dry, no odor or stain.
	AOC3-SB21C	24-26-12-8	50	7.5	Medium brown Silt, some very fine sand, some rock fragments,
6					trace white plastic, dry, no odor or stain.
		14-16-12-10	60		Light to medium brown Silt and fine Sand, some rock fragments, dry
8					no odor or stain.
	AOC3-SB21E	8-11-12-9	50		Same as above with trace white plastic, could have been drawn
10					down by the spoon.
		8-12-12-10	30		Light to medium brown Silt, some very fine sand, little rock fragments,
12					dry, no odor or stain.
		8-7-9-12	50		Medium brown Silt, some very fine sand, little rock fragments, dry,
14					no odor or stain.
		16-9-6-6	30		Medium to dark brown Silt, some rock fragments, dry to moist, no
16					odor or stain.
18					Boring terminated at 16 feet.
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.
PID unit was not functioning properly after the 4-6 foot interval.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-22 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB02.

Location Plan N

See Site Plan

Weather: Partly Cloudy and Cool, 50 degrees.

Date/Time Start: September 26th, 2000 at 1:00 p.m.

Date/Time Finish: September 26th, 2000 at 2:00 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB22A	3-6-7-6	60		Brown to gray Silt, some shale fragments, little sand, dry,		
2					no odor or stain.		
		12-12-14-10	30		Gray weathered Shale fragments, some brown and orange		
4					silt, little very fine sand, dry, no odor or stain.		
	AOC3-SB22C	20-22-24-22	75		Medium brown Silt, some fine sand, little rock fragments,		
6					trace gravel, dry, no odor or stain.		
		35-33-37-40	70		Brown to gray weathered Shale fragments, some silt, little sand,		
8					dry, no odor or stain.		Backfilled with
		12-12-14-14	60		Same as above.		auger cuttings.
10							
	AOC3-SB22F	10-10-10-10	75		Medium brown Silt, some rock fragments, little sand, dry,		
12					no odor or stain.		
		35-20-25-20	0		No Recovery.		
14							
		22-24-21-19	75		Medium brown Silt, some rock fragments, little sand, dry,		
16					no odor or stain.		
18					Boring terminated at 16 feet.		
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

This boring was completed to delineate the extent of constituents near AOC3-SB06.

Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.

PID unit was not functioning properly.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-23 — Sheet 1 of 1

Contractor: NorthStar Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB02.

Location Plan

N

See Site Plan

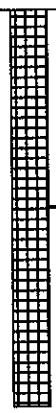
Weather: Partly Cloudy and Cool, 50 degrees.

Date/Time Start: September 26th, 2000 at 2:20 p.m.

Date/Time Finish: September 26th, 2000 at 3:00 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3-SB23A	2-6-12-12	50		Medium brown Silt, some black weathered shale fragments, little fine sand, dry, no odor or stain.
2					
		20-25-12-10	60		Dark brown to gray Shale fragments, some silt, little fine sand, trace clay, no odor or stain.
4					
	AOC3-SB23C	20-18-17-19	85		Medium brown Silt, some rock fragments, little fine sand, trace clay, dry, no odor or stain.
6					
		17-18-20-20	50		Same as above.
8					
		29-27-23-19	60		Same as above.
10					
		12-10-9-8	30		Medium brown Silt, some very fine sand, little rock fragments, trace gravel, dry, no odor or stain.
12					
	AOC3-SB23G	6-9-12-6	60		Same as above with some orange silt.
14					
		35-30-25-20	Poor		No Recovery.
16					
18					Boring terminated at 16 feet.
20					
22					
24					
26					
28					
30					
32					
34					
36					



Backfilled with auger cuttings.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.
PID unit was not functioning properly.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-24 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB02.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly Cloudy and Cool, 50 degrees.

Date/Time Start: September 26th, 2000 at 3:30 p.m.

Date/Time Finish: September 26th, 2000 at 4:20 p.m.

Location Plan

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB24A	9-10-9-12	60		Medium brown to gray weathered Shale fragments, some silt,		
2					little fine sand, dry, no odor or stain.		
		18-20-50/.2	70		Gray weathered Shale fragments, some silt, no odor or stain.		
4							
	AOC3-SB24C	18-16-15-16	80		Alternating sections of Silt and fine Sand, some gray fissile		
6					shale fragments, dry, no odor or stain.		
		18-35-24-20	10		Medium to dark brown Silt, some fine sand, little rock fragments,		
8					dry, no odor or stain.		Backfilled with auger cuttings.
		11-14-18-20	35		Same as above.		
10							
	AOC3-SB24F	24-22-13-8	45		Medium to dark brown Silt, some gray weathered shale, little		
12					fine sand, dry, no odor or stain.		
		18-41-30-20	60		Same as above.		
14							
		19-24-23-20	50		Same as above with more rock fragments.		
16							
18					Boring terminated at 16 feet.		
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.
PID unit was not functioning properly.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-25 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 north of SB02.

Location Plan N

See Site Plan

Weather: Partly Cloudy and Cool, 65 degrees.

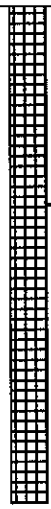
Date/Time Start: September 26th, 2000 at 7:30 a.m.

Date/Time Finish: September 26th, 2000 at 8:20 a.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
2					Augered through 4 feet of soil near the proposed warehouse.
4					
	AOC3-SB25C	16-22-24-23	90	48.1	Medium to dark brown Silt, some very fine sand, little rock fragments,
6					dry, no odor or stain.
		26-18-23-35	30	46.6	Same as above.
8					
		18-16-16-13	75	119	Medium to dark brown Silt, some fine sand, little rock fragments, dry,
10					no odor or stain.
	AOC3-SB25F	13-15-18-19	60	134	Medium to dark brown Silt, some fine to medium sand, little fragments
12					of shale, trace rock fragments, dry, no odor or stain.
		8-14-13-18	40	70	Same as above.
14					
	AOC3-SB25H	15-18-18-20	30	98	Medium brown Silt, some fine sand, little weathered shale section,
16					trace rock fragments, dry, no odor or stain.
		15-12-9-6	40	61.6	Medium brown Silt, some fine sand, little fine gravel and rock fragments,
18					trace clay, dry, no odor or stain.
		18-15-15-13	50	75	Same as above.
20					
22					Boring terminated at 20 feet.
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-26 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 near SB06.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

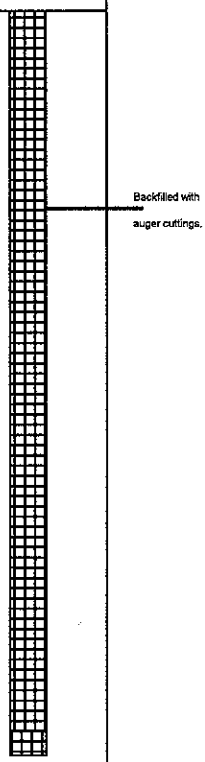
Weather: Partly Cloudy and Cool, 40 degrees.
Date/Time Start: September 27th, 2000 at 8:20 a.m.
Date/Time Finish: September 27th, 2000 at 10:00 a.m.

Location Plan N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
					Augered through 4 feet of soil near the proposed warehouse.
2					
4					
	AOC3-SB26C	48-37-30-30	65	NA	Tan Silt, some fine sand, little coarse sand to fine gravel,
6					trace clay, upper section disturbed, dry, no odor or stain.
		25-16-15-18	50	NA	Same as above, weathered till.
8					
		13-6-5-25	10	0	Tan Silt, trace clay, dry to damp, no odor or stain.
10					
		35-26-18-10	40	0	Tan to light brown weathered Till, some silt, some weathered
12					brown shale, little gravel and coarse sand, damp.
		26-18-10-10	40	48	Tan to light brown Silt, some weathered brown shale,
14					little coarse sand to fine gravel, till, no odor or stain.
		26-18-12-24	80	0	Same as above.
16					
		12-18-14-14	10	0	Poor recovery, same as above.
18					
		26-18-12-10	50	0	Tan to brown Silt, some weathered shale, little coarse sand
20					and gravel, trace competent siltstone.
		10-8-10-10	80	0	Same as above, coarse sand lens in the middle, no odor or stain.
22					
		15-14-12-12	70	0	Tan to brown Silt, some coarse sand and gravel, little weathered shale,
24					moist, no odor or stain.
	AOC3-SB26M	10-12-8-6	75	365	Same as above, moist, slight sweet odor, no stain.
26					
		11-10-9-6	70	330	Same as above, loose, sheen, odor.
28	AOC3-SB26O				
	(Composite 26-30)	9-7-10-7	20	365	Silt, some sand and gravel, little clay, wet, sheen and petroleum odor.
30					
32					Boring terminated at 30 feet.
34					
36					

SCHEMATIC



COMMENTS

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-27 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 near SB06.

Location Plan N

See Site Plan

Weather: Partly Cloudy and Cool, 40 degrees.

Date/Time Start: September 27th, 2000 at 10:30 a.m.

Date/Time Finish: September 27th, 2000 at 12:45 p.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
					Augered through 4 feet of soil in the proposed warehouse construction area.		
2							
4							
	AOC3-SB27C	26-35-30-20	95	66	Tan brown Silt, some weathered shale, little coarse sand and gravel,		
6					till, little clay, dry, dense, no odor or stain.		
		40-25-20-16	85	40.2	Till as above, damp moist lenses, no odor or stain.		
8							Backfilled with
		16-18-23-20	80	23.3	Tan to brown Silt, some weathered brown shale, coarse sand		auger cuttings.
10					and gravel, till, damp, no odor or stain.		
		6-21-20-10	60	46	Same as above, no odor or stain.		
12							
		6-7-7-10	60	12.1	Same as above, less consolidated.		
14							
		9-11-22-10	70	81	Weathered Shale in tan to brown till, some coarse sand and gravel,		
16					little clay, damp to moist, no odor or stain.		
		20-17-14-10	70	151	Same as above, no odor or stain.		
18							
	AOC3-SB27J	9-10-9-8	65	393	Same as above, no odor or stain.		
20							
		6-10-12-6	45	17.6	Same as above, no odor or stain.		
22							
		12-9-20-10	30	297	Same as above, no odor or stain.		
24							
		6-8-12-12	50	37.2	Same as above, moist to wet, no odor or stain.		
26							
		9-11-35-20	40	61	Silt, some sand and gravel, trace clay, wet, no odor or stain.		
28							
		25-22-27-30	70	191	Silt, some sand and gravel, slight odor, no sheen.		
30							
	AOC3-SB27P	7-10-9-12	80	262	Silt, some coarse sand and gravel on the lower section, little clay,		
32					looser, wet, slight sheen.		
34					Boring terminated at 32 feet.		
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.
Varying PID readings in the upper samples could be attributed to moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-28 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 near SB06.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly Cloudy and Cool, 40 degrees.
Date/Time Start: September 27th, 2000 at 2:30 p.m.
Date/Time Finish: September 27th, 2000 at 4:30 p.m.

Location Plan

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
	AOC3-SB28A	4-8-9-12	95	85	Tan Silt, some coarse sand and gravel, little weathered brown		
2					shale, disturbed till, dry, no odor or stain.		
		8-12-20-20	60	39	Same as above.		
4							
		12-14-17-16	90	41	Tan Silt, some coarse sand and gravel, little weathered brown		
6					shale, trace clay, damp.		
		9-12-8-6	80	29.6	Same as above, moist lenses, no odor or stain.		
8							Backfilled with auger cuttings.
		12-10-10-9	90	83	Sand and gravel, some silt, till, moist, no odor or stain.		
10							
		10-10-11-8	75	38	Same as above.		
12							
		9-8-9-9	70	45.8	Sand and gravel, some silt, trace clay, till, moist, no odor or stain.		
14							
		8-8-8-12	70	47.9	Same as above, till.		
16							
	AOC3-SB28I	15-20-50/.2	30	50.5	Silt, some coarse sand and gravel, little brown shale, till,		
18					no odor or stain.		
		25-16-11-11	5	25.3	Same as above, rock in shoe, wet.		
20							
		7-9-8-10	50	86	Silt, some sand and gravel, trace clay, slight odor, no sheen or stain.		
22							
		10-9-7-9	45	138	Same as above, petroleum odor, some dark gray staining, oily		
24					at the bottom.		
	AOC3-SB28M	4-6-7-6	40	440	Same as above, oil odor, sheen, gray staining, wet.		
26							
28					Boring terminated at 26 feet.		
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-29 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 near SB06.

Location Plan — See Site Plan

Weather: Partly Cloudy and Cool, 40 degrees.
Date/Time Start: October 2nd, 2000 at 4:00 p.m.
Date/Time Finish: October 2nd, 2000 at 5:30 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
	AOC3-SB29A	5-9-14-16	50	0	Medium brown Silt, some rock fragments, little fine sand, dry,
2					no odor or stain.
		16-20-18-20	40	0	Same as above.
4					
		36-40-45-30	60	0	Same as above.
6					
		40-25-16-10	50	0	Medium brown Silt, some shale fragments, little fine sand and rock
8					fragments, dry, no odor or stain.
		7-5-4-2	50	0	Same as above, tip slightly moist.
10					
		3-6-10-11	65	0	Same as above.
12					
		12-9-10-12	70	0	Same as above, dry, no odor or stain.
14					
		8-9-9-10	40	0	Medium brown Silt, some shale and other rock fragments, little fine
16					sand and gravel, dry, no odor or stain.
		12-11-13-14	40	0	Medium to dark brown Silt, some rock fragments, little fine gravel,
18					slightly moist, no odor or stain.
		40-14-11-15	15	0	Medium to dark brown Silt, some rock fragments, little fine sand and
20					gravel, dry to moist, no odor or stain.
		17-34-20-19	40	0	Medium brown to gray Silt, some rock fragments, little fine gravel, dry,
22					no odor or stain.
	AOC3-SB29L	12-10-10-14	40	0	Same as above.
24					
		9-10-10-12	Poor	NA	No Recovery.
26					
		10-12-13-10	5	NA	Poor Recovery, sluff. Split spoon was wet and recovered material
28					was saturated.
	AOC3-SB29O	14-18-18-19	25	0	Medium to dark brown Silt, some fine gravel and sand, little rock
30					fragments, saturated, no odor or stain.
32					Boring terminated at 30 feet.
34					
36					

SCHEMATIC: Backfilled with auger cuttings.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
Three soil samples were collected at depths corresponding to constituents present at AOC3-SB06.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-30 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 near SB06.

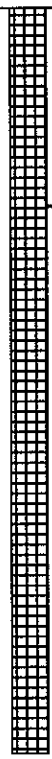
Location Plan — See Site Plan

Weather: Partly Cloudy and Cool, 40 degrees.
Date/Time Start: October 2nd, 2000 at 11:00 a.m.
Date/Time Finish: October 2nd, 2000 at 12:20 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
					Augered to 4 feet through soil in area of the proposed warehouse.
2					
4					
		10-10-25-25	85	0	Medium brown Silt, some rock fragments, little fine sand,
6					dry, no odor or stain.
		24-19-20-22	40	0	Same as above with little fine gravel, dry, no odor or stain.
8					
		25-20-18-20	70	0	Medium to dark brown Silt, some brown and gray shale
10					fragments, little fine gravel and fine sand, dry, no odor or stain.
		19-12-14-14	70	0	Medium to dark brown Silt, some gray and brown shale fragments,
12					little fine sand and gravel, dry, no odor or stain.
		18-22-16-14	60	0	Same as above with more shale, dry no odor or stain.
14					
		8-12-17-14	40	0	Medium to dark brown Silt, some rock fragments, little fine gravel,
16					little fine sand, dry, no odor or stain.
		12-18-14-12	70	0	Medium to dark brown Silt, some black weathered shale fragments,
18					little fine gravel, trace sand, no odor or stain.
		14-17-30-20	75	8.9	Dark brown Silt and weathered Shale fragments, some other
20					fragments of rock, little fine sand, no odor or stain.
		12-9-20-10	70	303	Same as above with trace clay and a definate hydrocarbon odor.
22					No stain.
		16-17-14-16	50	501	Medium brown Silt, some rock fragments, little fine gravel, dry,
24					no stain, hydrocarbon odor.
		13-15-15-17	30	955	Medium to dark brown Silt, some rock fragments, little clay,
26					moist in tip, hydrocarbon odor, slight sheen.
	AOC3-SB30N	25-30-30-51	25	968	Dark brown Silt, some rock fragments, moist-wet, sheen,
28					hydrocarbon odor.
		27-31-37-35	5	190	Black Silt and rock fragments, wet, hydrocarbon odor.
30					
32					Boring terminated at 30 feet.
34					
36					

SCHEMATIC



COMMENTS

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
One soil sample was collected in the zone with sheens and odors.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-31 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breed
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Located in AOC3 naer SB06.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly Cloudy and Cool, 40 degrees.
Date/Time Start: October 2nd, 2000 at 1:30 p.m.
Date/Time Finish: October 2nd, 2000 at 3:15 p.m.

Location Plan N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
					Augered through 4 feet of fill.		
2							
4							
	AOC3-SB31C	14-15-16-15	85	0	Medium brown Silt, some fine sand and fine gravel, little rock		
6					fragments, dry, no odor or stain.		
8					Augered to 16 feet.		Backfilled with auger cuttings.
10							
12							
14							
16							
		6-9-11-15	15	0	Medium brown Silt, some rock fragments, little fine gravel and sand,		
18					dry, no odor or stain.		
		16-12-20-8	45	0	Same as above, no odor or stain.		
20							
		20-15-12-12	35	0	Medium to dark brown Silt, some rock fragments, little orange sand,		
22					dry, no odor or stain.		
		6-5-8-12	50	0	Same as above with a 2 inch lens of moist, light brown sand,		
24					no odor or stain.		
		20-18-26-40	50	208	Medium brown Silt, some rock fragments, little orange sand, little		
26					gray stained section, sheen, trace clay, hydrocarbon odor, dry to moist.		
	AOC3-SB31N	68-35-41-70	65	297	Medium to dark gray siltstone/shale fragments, some silt, little fine		
28					orange sand, moist/wet on top, hydrocarbon odor, no stain.		
30					Boring terminated at 28 feet.		
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
This boring was completed to delineate the extent of constituents near AOC3-SB06.
Two soil samples were collected at depths corresponding to constituents present at AOC3-SB06.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB-32 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-3
PROJECT NUMBER: 736741.03005

Location Description: Deeper boring at SB-06 location.

Location Plan

N

See Site Plan

Weather: Sunny, 80 degrees.

Date/Time Start: May 9, 2001 at 4:28 p.m.

Date/Time Finish: May 10, 2001 at 9:20 a.m.

GROUNDWATER OBSERVATIONS

Water Level	18.2 ft			
Date	5-10-01			
Time	8:05			
Meas. From	Ground			

Sample Depth	Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		6-8-14-17	90	4.1	Reworked tan silt, sand, gravel, some cobbles. No stain. No odor.		
3							
5							
		6-10-11-8	90	2.8	Reworked tan-brown silt, sand, and gravel. Dry-damp.		
7					No stain. No odor.		
9							Backfilled with cement bentonite grout.
11		14-17-12-13	80	2.3	Tan-brown silt, sand, and gravel. Possible stain at bottom of sample. Damp. Slight odor.		
13					Auger cuttings have odor. 50 ppm measured inside augers and in cuttings drum.		
15		3-5-6-7	75	715	Tan-brown silt, sand, gravel. Dark stain at bottom of sample. Strong "petroleum type" odor.		
17		6-6-6-8	50	249	Dark gray stained sand and gravel, little silt. Strong "petroleum type" odor. Wet, slight sheen.		
19		12-16-17-10	45	859	As above. Stronger sheen.		
21		10-11-7-7	75	815	As above, trace clay, black stain. Strong odor. 38 ppm over augers, 5 ppm over cuttings drum.		
23	AOC3SB32L	5-5-5-5	35	1653	As above.		
25		2-2-2-2	45	9.8	Tan sand, little gravel. Less odor. Slight sheen. Less stain.		
27	AOC3SB32N	7-9-11-10	75	16	Tan fine to coarse sand, trace gravel. Slight odor. No stain. No sheen. Carrying down material from above in impacted water inside augers.		
29		8-9-11-10	75	16.9	As above.		
31	AOC3SB32P	14-16-17-22	100	3.7	Tan sand, some gravel grading to greenish gray sand to black sand, little to some gravel, trace clay. Dense. No odor. Black sand is native - not stained.		
33		16-14-15-14	100	12	Sand and gravel, little clay, wet. No odor in sample. Still have some carry down material inside augers.		
35					Boring terminated at 35 feet.		

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
* Highest concentration posted (initial screening or head space reading).
Stain, odors, and increased screening levels appear to be related to carry-down below 25 feet. Water inside the augers has sheen and odor.
Split spoon sampler is picking up a coating of this material as it passes through on the way to the next sample interval.

PARSONS

DRILLING RECORD

BORING/ WELL NO. HP-01 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Voorheesville Depot AOC-5
PROJECT NUMBER: 736741.03005

Location Description: Located on the south side of the depot near the security trailers.

Location Plan N

See Site Plan

Weather: Partly Sunny and Humid, 80 degrees.

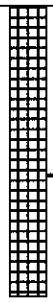
Date/Time Start: August 3, 2000 at 8:30 a.m.

Date/Time Finish: August 3, 2000 at 10:00 a.m.

GROUNDWATER OBSERVATIONS				
Water Level	3.0 feet.			
Date	8/3/00			
Time	9:30 a.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		2-5-8-6	70	0	Dark brown Silt, some fine to coarse gravel, little clay, trace organics, dry, no odor or stain.
2					
	AOC5-HP01B				
4					
6		9-36-50/0.4	60	0	Black, weathered, fissile Shale, some dark brown silt, dry, no odor or stain.
8	AOC5-HP01				
	(Groundwater)				
10					
		50/0.4	30	0	Black weathered Shale, wet, no odor or stain.
12					
14					Boring terminated at 12 feet.
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



Backfilled with auger cuttings.

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
One groundwater and one soil sample were collected to characterize subsurface conditions.
AOC5-HP01B was collected at 3 feet below grade from a test pit excavated at the HP01 boring location.

PARSONS
DRILLING RECORD

BORING/WELL NO. HP-02 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Voorheesville Depot AOC-5
PROJECT NUMBER: 736741.03005

Location Description: Located on the west side of the depot between the perimeter road and ditch.

Location Plan N

See Site Plan

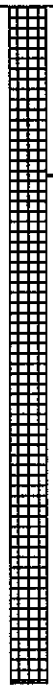
Weather: Partly Sunny and Humid, 80 degrees.
Date/Time Start: August 2nd, 2000 at 4:00 p.m.
Date/Time Finish: August 2nd, 2000 at 6:00 p.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		1-8-15-20	90	0	Tan Silty Till over weathered dark gray shale, no odor or stain.
2					
4					
6		100/0.2	20	0	Gray Shale, pulverized by spoon, dust and chips, dry, no odor or stain.
8					
10					
		50/0.4	10	0	Same as above.
12					
14					
16		50/0.1	20	0	Same as above.
18					
20					
		50/0.2	60	0	Same as above, gray pulverized shale.
22					
24					
26	AOC5-HP02N	50/0.2	10	0	Same as above.
28		100/0.4	70	NA	Dark gray pulverized shale, dry, no odor or stain.
30					Boring terminated at 27.4 feet.
32					
34					
36					

SCHEMATIC



Backfilled with auger cuttings.

COMMENTS

COMMENTS:
One soil sample was collected to characterize subsurface conditions.
Water was not encountered at this location.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-03 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Voorheesville Depot AOC-5
PROJECT NUMBER: 736741.03005

Location Description: Located northwest of the depot outside the fenceline.

GROUNDWATER OBSERVATIONS				
Water Level	11.8 feet.			
Date	8/2/00			
Time	10:52 a.m.			
Meas. From	Grade			

Weather: Partly Sunny and Humid, 80 degrees.
Date/Time Start: August 2nd, 2000 at 9:20 a.m.
Date/Time Finish: August 2nd, 2000 at 11:30 a.m.

Location Plan — See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		7-17-37-50/0.4	90	13.3	Brown to dark gray heavily weathered Shale, dry to damp, no odor or stain.		
2							
4							
6	AOC5-HP03C	50/0.3	25	NA	Dark gray weathered Shale, wet, no odor or stain.		Backfilled with auger cuttings.
8							
10							
	AOC5-HP03	50/0.1	5	37.2	Dark gray Till, some silt, little shale,dry.		
12	(Groundwater)						
14							
		50/0.0	Poor	NA	Poor recovery, layers of wet and dry silt and shale.		
16							
					Boring terminated at 15 feet.		
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
One groundwater and one soil sample were collected to characterize subsurface conditions.

PARSONS
DRILLING RECORD

BORING/WELL NO. HP-04 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Voorheesville Depot AOC-5
PROJECT NUMBER: 736741.03005

Location Description: Located northeast of the depot outside the fenceline.

Location Plan: See Site Plan

Weather: Partly Sunny and Humid, 80 degrees.

Date/Time Start: August 2nd, 2000 at 1:00 p.m.

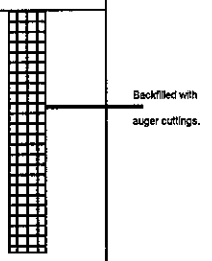
Date/Time Finish: August 2nd, 2000 at 2:30 p.m.

GROUNDWATER OBSERVATIONS

Water Level	2.5 feet.			
Date	8/2/00			
Time	1:45 p.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		2-4-17-24	60	73	Brown Silty topsoil over dark gray weathered Shale, little silt and clay, moist.
2					
4					
6	AOC5-HP04C	50/0.0	0	92	Dark gray Silt, some shale chips, moist to wet. No recovery in split spoon. Analytical sample collected from auger cuttings from approximately 5 to 7 feet.
8	AOC5-HP04 (Groundwater)				
10		50/0.1	10	NA	Dark gray weathered Shale, wet.
12					Boring terminated at 10.1 feet.
14					
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

One groundwater and one soil sample were collected to characterize subsurface conditions.

The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-01 Sheet 1 of 2

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 743440.03000

Location Description: Located at the northern end of AOC-1, between the dirt road and the woods near AOC-7.

Location Plan N

See Site Plan

Weather: Cloudy clearing later in day, temperature 60's to 80, breezy

Date/Time Start: 14 June 2004, 1200

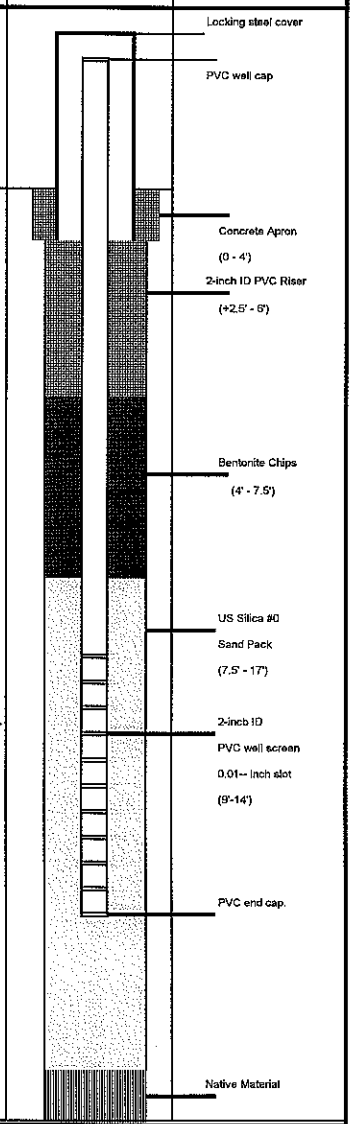
Date/Time Finish: 14 June 2004, 1700

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+3					
+2					
+1					
0					
	SD-SSGW01-0-0.5	4	100	0	Gray-brown Silt, some fine to medium gravel, dense, no odor, no stain.
1		6			
		5			
2		6			
		3	75	0.1	Greenish with reddish varigations grading to yellowish-orange-light brown Silt,
3		3			some clay, sandy lense, trace coarse sand, semi-stiff, moist. Till.
		3			
4		5			
		3	75	1.3	As above, upper sample moist and semi-stiff, lower sample damp and stiff.
5		7			No odor, no stain.
		10			
6		15			
		16	100	2.3	Yellowish-orange-light brown Silt to very fine Sand, some clay, stiff, damp.
7		18			No odor, no stain.
		18			
8		20			
		25	100	1.6	Yellowish-orange-light brown Silt-Sand, trace gravel, shale cobbles, dense,
9		35			stiff, damp. Till
		50/0.3			
10		A			
		46	90	2.1	Silt-Sand, little clay, gravel and cobbles, soft. Water dripping from split spoon, wet.
11		50/0.3			Tough drilling. Free water in augers at 9.3' below GL.
		A			
12		A			
	SD-SSGW01-12-14	13	90	1.6	Dark gray Silt, little to some gravel, trace clay, dense, stiff. Moist in upper sample
13		20			and damp in lower sample. Till.
		28			
14		34			
		15	90	2.7	Dark gray Till as above.
15		18			
		25			
16		28			
		26	40	3.0	Dark gray till as above
17		34			
		49			
18		45			

SCHEMATIC



COMMENTS:
PID readings effected by moisture.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-01 Sheet 2 of 2

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 743440.03000

Location Description: Located at the northern end of AOC-1, between the dirt road and the woods near AOC-7.

Location Plan N

See Site Plan

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Weather: Cloudy clearing later in day, temperature 60's to 80, breezy

Date/Time Start: 14 June 2004, 1200

Date/Time Finish: 14 June 2004, 1700

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
		15	60	3.0	Dark gray Till as above.		Native Material
19		17					
		28					
20		35					
					Boring terminated at 20 feet.		
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
PID readings effected by moisture.

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PARSONS
DRILLING RECORD

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 743440.03000

BORING/ WELL NO. GW-02 Sheet 1 of 3

Location Description: Located west of AOC-7 near the metal building at AOC-4.

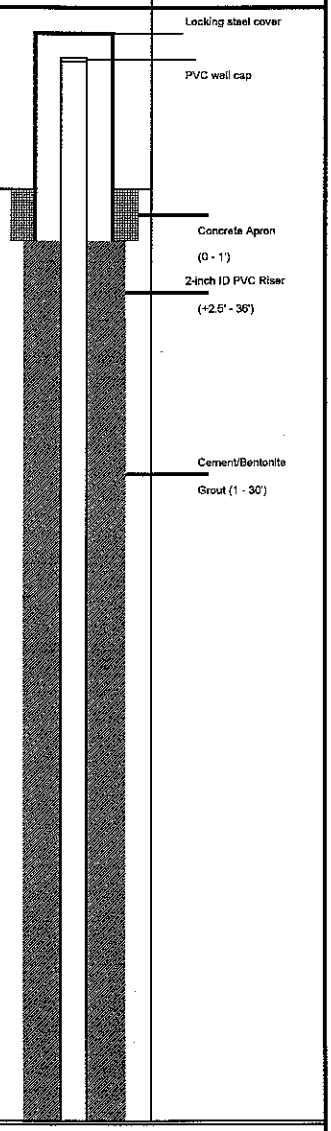
GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly sunny, high in 80's, breezy
Date/Time Start: 15 June 2004, 1300
Date/Time Finish: 16 June 2004, 1045

Location Plan N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+3					
+2					
+1					
0					
	SD-SSGW02-0-0.5	7	60	28	Brown-tan Silt, some angular gravel, trace black stain and asphalt/tar,
1		8			slight petroleum odor, Fill.
		5			
2		13			
		6	50	1.1	Light brown-orangish Silt, little-some gravel, moist, trace stain
3		5			in thin lenses, trace asphalt/tar. Fill.
		7			
4		6			
		3	60	4.4	Black tar paper with petroleum odor at top of sample. Dark gray Silt,
5		3			some clay, little to some gravel. Till.
		3			
6		3			
		3	90	1.0	Tan-light brown-orangish Silt, trace to little clay, moist. Water in sampler but
7		6			no obvious source in soils.
		6			
8		8			
		7	85	1.7	Tan-orangish Silt, wet from ~2-inch lense of fine sand at 8.3 feet.
9		4			
		4			
10		3			
		5	95	0.5	Gray-orangish mottled Silt, trace clay, moist-wet. Wet ~3-inch lense near
11		7			top of sample.
		10			
12		10			
		7	95	1.7	As above.
13		8			
		5			
14		4			
		1	95	0.8	Gray silt, little clay, semi-plastic, wet.
15		2			
		1			
16		1			
		WOH	90	1.8	As above.
17		1			
		1			
18		1			



SCHEMATIC

COMMENTS

COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PARSONS
DRILLING RECORD

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 743440.03000

BORING/ WELL NO. GW-02 Sheet 2 of 3

Location Description: Located west of AOC-7 near the metal building at AOC-4.

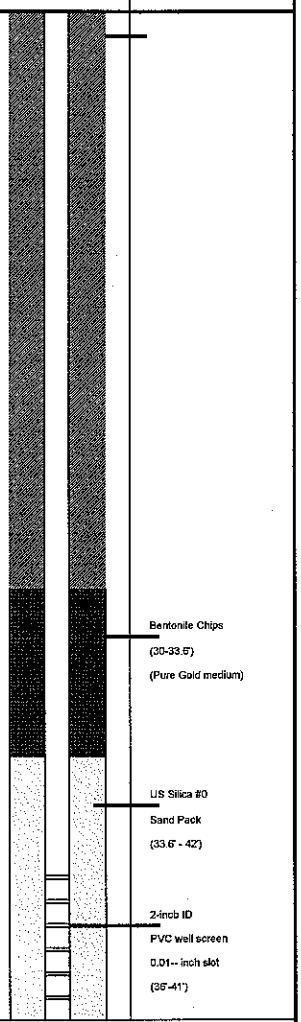
GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Partly sunny, high in 80's, breezy
Date/Time Start: 15 June 2004, 1300
Date/Time Finish: 16 June 2004, 1045

Location Plan N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
		WOH	95	0.3	Gray fine-medium Sand, bottom of sample silt with trace clay, wet.
19		WOH			Driller noted free water in augers.
		1			
20		2			
		1	95	1.1	Gray-brown Silt, trace clay, soft, wet, no odor, no stain.
21		2			
		3			
22		3			
		5	100	0.5	As above.
23		7			
		8			
24		8			
		WOH	100	0.9	As above.
25		WOH			
		WOH			
26		2			
		3	75	0.5	8-inch lense of medium, wet, Sand over Silt as above.
27		3			No odor or stain.
		2			
28		3			
		WOH	95	1.0	Gray-brown Silt, trace clay, soft, wet, no odor, no stain.
29		WOH			Bottom 3-inches of sample is gray fine-medium Sand, trace gravel, wet.
		3			
30		8			
		3	90	0.3	Silt as above.
31		1			
		1			
32		3			
		1	90	0.4	Gray Silt, soft, wet.
33		1			
		1			
34		2			
		1	75	1.0	Gray Silt, little clay, soft, plastic, no stain or odor.
35		1			
		3			
36		5			
		1	95	0.7	Gray fine-medium Sand, wet, no stain or odor.
37		3			
		3			
38		5			
	SD-SSGW02-38-40	6	65	0.8	Gray fine-medium Sand grading to coarse Sand, trace gravel, wet.
39		11			Silt and clay lense near top of sample.



SCHEMATIC | **COMMENTS**

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-02 Sheet 3 of 3

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 743440.03000

Location Description: Located west of AOC-7 near the metal building at AOC-4.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

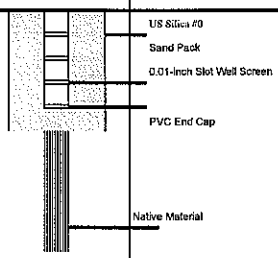
Weather: Partly sunny, high in 80's, breezy
Date/Time Start: 15 June 2004, 1300
Date/Time Finish: 16 June 2004, 1045

Location Plan N

See Site Plan

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
		5			
40		6			
		2	60	1	Gray medium to coarse Sand, no stain, no odor.
41		2			
		6			
42		5			
		5	70	0.5	Sand as above.
43		7			
		6			
44		5			
45					Boring terminated at 44 feet
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					

SCHEMATIC



COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS
DRILLING RECORD

BORING/ WELL NO. GW-03 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Scott Breeds
Inspector: Scott Dillman
Rig Type: CME-45B ATV

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 743440.03000

Location Description: Located near intersection of present and former RxR tracks at western corner of AOC-7.

Location Plan N

See Site Plan

Weather: Sunny, temp. 65-low 80's, breezy.

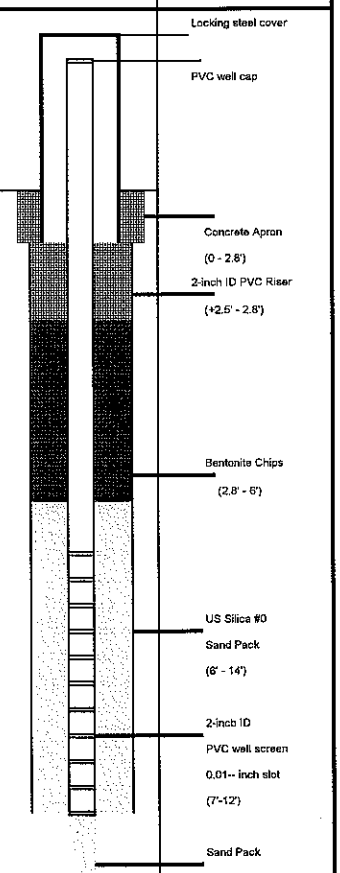
Date/Time Start: 15 June 2004, 0930

Date/Time Finish: 15 June 2004, 1145

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+3					
+2					
+1					
0					
	SD-SS-GW03-0-0.5	4	50	2.4	Brown Silt, little-some rounded gravel, dry,
1		12			no odor, no stain.
		16			
2		20			
		9	30	3.0	Brown-orange Silt-Sand, some rounded gravel, dry-damp,
3		6			no odor, no stain. Till. Augers hit boulder.
		2			
4		3			
		2	90	2.4	Brown-orange Silt, some clay, little sand-fine gravel, medium stiff,
5		3			rusty stain in thin lenses-fractures, slight plasticity, damp-moist. Till.
		3			No stain or odor.
6		4			
		7	95	2.4	As above. Moist.
7		4			
		5			
8		4			
		WOH	95	2.8	Tan Silt-fine Sand, little to some medium-coarse sand,
9		WOH			no odor, no stain. Wet from 9.5-10 feet.
		2			
10		1			
	SD-SSGW03-10-12	1	50	1.7	Tan Silt-Sand, little-trace clay, wet.
11		2			
		4			
12		5			
		6	50	2.1	Gray Silt, some clay, some gravel, stiff. Till. Wet to moist on top grading
13		10			to damp on bottom.
		15			
14		18			
15					Boring terminated at 14 feet.
16					
17					
18					

SCHEMATIC



COMMENTS:

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

PARSONS

DRILLING RECORD

BORING/ WELL NO. HP-01 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 736741.03005

Location Description: Located in the center of AOC-7.

Location Plan

See Site Plan

Weather: Rain and humid, low 70's.

Date/Time Start: August 1st, 2000 at 8:30 a.m.

Date/Time Finish: August 1st, 2000 at 11:00 a.m.

GROUNDWATER OBSERVATIONS

Water Level	20.2 feet.			
Date	8/2/00			
Time	7:30 a.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		2-8-10-14	50	85	Brown Silt and Sand, some weathered concrete, no odor or stain.		
2							
4							
6		15-17-17-31	25	111	Gray Silt, little clay, some sand and gravel, damp, no odor or stain.		
							Backfilled with auger cuttings.
8							
10							
		10-24-33-34	75	70	Gray Silt and Sand, some gravel till, little dark gray stain. Dark gray		
12					stiff clay at 12 feet, no odor.		
14							
16		45-50/0.4	20	40.7	Tan to gray Till, some silt, little clay, some coarse sand, dense, damp,		
					no odor or stain.		
18							
20							
		8-28-45-45	75	NA	Gray Till as above, dense, damp, no odor or stain.		
22	AOC7-HP01						
	(Groundwater)						
24							
26		50-50/0.4	25	15.8	Same as above.		
28					Boring terminated at 26 feet.		
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

One groundwater sample was collected to characterize subsurface water quality.

The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.

A temporary well screen was set from 26 - 21 feet below grade.

PARSONS
DRILLING RECORD

BORING/ WELL NO. HP-02 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 736741.03005

Location Description: Located on the south side of AOC-7.

Location Plan N

See Site Plan

Weather: Partly Sunny and 70 degrees.

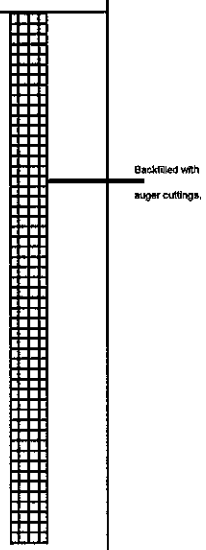
Date/Time Start: July 28th, 2000 at 2:00 p.m.

Date/Time Finish: July 31st, 2000 at 12:00p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		10-25-56-54	10	20.2	Black and dark brown Silt, some fine to coarse gravel, little rock fragments and organics, trace clay, dry, no odor or stain.
2					
4					
6		20-24-30-34	70	180	Dark brown Silt, some fine to coarse gravel, little rock fragments and wood debris, trace clay, dry, no odor or stain.
8					
10					
		40-50-30-50	Poor	NA	Rock chip in bottom of spoon, some sluff on top.
12					
14					
	AOC7-HP02				
16	(Groudwater)	15-23-28-42	80	38	Dark gray Silt, some very fine gray sand, trace rock chips, little clay, moist, tip was wet, no odor or stain.
18					
20					
		12-22-30-50/0.4	Poor	NA	Silt and water washed out of the bottom of the spoon.
22					
24					Boring terminated at 22 feet.
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

One groundwater sample was collected to characterize subsurface water quality.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.
A temporary well screen was set from 22 - 17 feet below grade.

PARSONS

DRILLING RECORD

BORING/ WELL NO. HP-03 Sheet 1 of 1

Contractor: Nort Star Drilling
Driller: Lynn Todd
Inspector: Tim Johnson
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-7
PROJECT NUMBER: 736741.03005

Location Description: Located southwest of AOC-7.

Location Plan N

See Site Plan

Weather: Partly Sunny and 70 degrees.

Date/Time Start: July 31st, 2000 at 2:00 p.m.

Date/Time Finish: July 31st, 2000 at 3:00p.m.

GROUNDWATER OBSERVATIONS

Water Level	11.8 feet.			
Date	7/31/00			
Time	2:20 p.m.			
Meas. From	Grade			

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		3-3-3-3	Poor	NA	No recovery.		
2							
4							
6		11-11-10-11	Poor	NA	Dark brown Silt (sluff).		
							Backfilled with auger cuttings.
8							
10							
		15-23-31-41	80	42	Dark gray Silt, some fine gravel, little clay, trace rock fragments,		
12					dry to moist, small piece of orange plastic at 9 feet in auger cuttings.		
	AOC7-HP03						
14	(Groundwater)						
16		40-50/0.4	50	42	Dark gray Silt, some fine to coarse gravel, little clay, wet, no odor		
					or stain. Some white plastic in sluff of sample.		
18							
					Boring terminated at 17 feet.		
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
One groundwater sample was collected to characterize subsurface water quality.
The slow climb to the elevated PID readings could be attributed to the unit detecting moisture.
Temporary well screen set from 17 - 12 feet below grade.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB01 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-9
PROJECT NUMBER: 736741.03005

Location Description: Located northeast of Building A near the glass recycling plant.

Location Plan N

See Site Plan

Weather: Rainy and humid, low 70's.

Date/Time Start: August 1st, 2000 at 5:00 p.m.

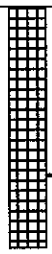
Date/Time Finish: August 1st, 2000 at 6:00 p.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		0-0-7-10	20	278	Augered through asphalt.
2					Gravel and asphalt, some tan fine sand, moist to damp, no odor or stain.
	AOC9-SB01C	10-10-7-7	5	15.8	Gray Sand and Gravel, poor recovery, no odor.
4	(Composite 1'-6')				
		3-3-2-2	20	137	Tan to gray Silty clay, little sand, no odor or stain.
6					
		3-3-4-5	85	70.7	Tan to gray Silty clay, semi-stiff, damp to moist, no odor or stain.
8					
	AOC9-SB01E	9-15-8-14	100	14.4	Same as above.
10					
12					Boring terminated at 10 feet.
14					
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



Backfilled with auger cuttings.

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:

Two soil samples were collected to characterize subsurface conditions.

The slow climb to the elevated PID readings, during headspace measurements, could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB02 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-9
PROJECT NUMBER: 736741.03005

Location Description: Located northeast of Building A near the glass recycling plant.

Location Plan — See Site Plan

Weather: Rainy and humid, low 70's.

Date/Time Start: August 1st, 2000 at 4:00 p.m.

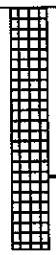
Date/Time Finish: August 1st, 2000 at 4:30 p.m.

GROUNDWATER OBSERVATIONS

Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		7-15-15-11	80	200	Tan reworked Till, some silt to sand, little clay, trace gravel, moist,
2					no odor or stain.
		11-14-11-15	25	146	Same as above, wet, no odor or stain.
4	AOC9-SB02C				
	(Composite 2'-6')	10-6-5-11	40	127	Tan to gray Silty Clay, little coarse sand, trace roots, stiff, wet,
6					rusty stain in spots, no odor.
		7-11-10-11	85	100	Tan Silty Clay, native, moist to wet, no odor or stain.
8					
	AOC9-SB02E	10-11-10-10	75	1.4	Tan Silty Clay, lenses of wet silt, semi-stiff, moist, no odor or stain.
10					
12					Boring terminated at 10 feet.
14					
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC



COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two soil samples were collected to characterize subsurface conditions.
The slow climb to the elevated PID readings, during headspace measurements, could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB03 Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-9
PROJECT NUMBER: 736741.03005

Location Description: Located northeast of Building A near the glass recycling plant.

Location Plan N

See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Rainy and humid, low 70's.

Date/Time Start: August 1st, 2000 at 3:00 p.m.

Date/Time Finish: August 1st, 2000 at 3:30 p.m.

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
+6							
+4							
+2							
0							
		4-7-8-9	80	189	Tan Silt, some coarse sand and fine gravel, little clay, damp, no odor or stain.		
2							
	AOC9-SB03B	10-12-19-11	70	77.4	Tan Silt (till), reworked, some fine to coarse sand and fine gravel, trace asphalt, damp, no odor or stain.		
4							
		10-9-6-6	20	17	Tan to brown reworked Till as above, trace roots, little staining, no odor. Possible former surface soil layer.		
6							
		5-5-7-8	40	8.5	Tan to gray Silty Clay, no odor or stain.		Backfilled with auger cuttings.
8							
	AOC9-SB03E	8-7-9-10	100	0.9	Tan Silty Clay to Clayey Silt, semi-stiff, damp to moist, no odor or stain.		
10							
12					Boring terminated at 10 feet.		
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

COMMENTS:
Two soil samples were collected to characterize subsurface conditions.
The slow climb to the elevated PID readings, during headspace measurements, could be attributed to the unit detecting moisture.

PARSONS

DRILLING RECORD

BORING/ WELL NO. SB04 — Sheet 1 of 1

Contractor: North Star Drilling
Driller: Lynn Todd
Inspector: Scott Dillman
Rig Type: CME-55

PROJECT NAME: Schenectady Depot AOC-9
PROJECT NUMBER: 736741.03005

Location Description: Located northeast of Building A near the glass recycling plant.

Location Plan

See Site Plan

Weather: Rainy and humid, low 70's.

Date/Time Start: August 1st, 2000 at 1:45 p.m.

Date/Time Finish: August 1st, 2000 at 2:30 p.m.

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL
+6					
+4					
+2					
0					
		3-11-9-9	55	188	Brown topsoil over three inches of asphalt, some tan silt, little clay, some gravel, damp, no odor or stain.
2					
		9-50/0.3	25	177	Tan Silt, some sand and gravel, damp to moist, no odor or stain.
4					
	AOC9-SB04C	4-4-4-5	45	123	Tan to gray Silty Clay, little coarse sand, damp, some rusty stained areas, no odor.
6					
		4-4-4-6	100	57	Tan Silty Clay, some silty lenses, damp to moist, semi-stiff, no odor or stain.
8					
	AOC9-SB04E	4-4-9-11	100	27	Tan Silty Clay, semi-stiff, slightly plastic, moist, no odor or stain.
10					
12					Boring terminated at 10 feet.
14					
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

Backfilled with auger cuttings.

COMMENTS

COMMENTS:

Two soil samples were collected to characterize subsurface conditions.

The slow climb to the elevated PID readings, during headspace measurements, could be attributed to the unit detecting moisture.

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED