

LOG of BORING No. B-5-04-8

DATE 6/3/04 SURFACE ELEVATION, FT 441.5 DATUM NGVD LOCATION See Figure 1

DEPTH, ft.	SAMPLES	SAMPLING RESISTANCE	RECOVERY, %	DESCRIPTION	STRATUM EL / DEPTH	SYMBOL	PP, TSF	PID, ppm	FIELD Qu, KSF	NMC, %	LL	PI	Qu, KSF	NOTES
25		P	100											
		WH	100	Becomes stiff, low plastic, with some sand			1.3			29				
		WH												
30		WH												
		P	100											
35		P	100											
				Dense, moist to wet, brown, fine grained silty SAND (SM)	404.5									
					37.0									
		13	100											
		15												
40		16												
		11	89	Becomes medium dense, wet										
		14												
45		12												
		10	89											
		11												
		11												

Completion Depth: 60.0 Ft. Water Depth: 9 ft., After ATD hrs.
 Project No.: 21561435.00000 _____ ft., After _____ hrs.
 Project Name: Dynegy Wood River _____ ft., After _____ hrs.
 Drilling Contractor: Harriss Drilling Co. Logged by: G. Jones



Appendix C

Boring and Well Completion Reports: 2004 Hydrogeologic Investigation

- C-1: Boring/Well Construction Logs for 2004 Hydrogeologic Investigation
- C-2: IEPA Well Completion Reports

C-1: Boring/Well Construction Logs for 2004
Hydrogeologic Investigation

New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.
Location: Twp 5N, Rng 9W, 20 SE/SW/SW

Date Started/Finished : 6/25/2004
Hole Diameter : 8.5 inches
Drilling Method : Hollow-Stem
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 448.29
Top of Casing Elevation 450.84
X,Y Coordinates : 509914, 800602

Depth in Feet	DESCRIPTION	Surf. Elev. 448.29	Samples	Recovery inches	Blow Count	Qp TSF	USCS	GRAPHIC	Well: L4 Elev.: 450.84 Cover
0	FLYASH with intermittent layers of bottom ash	448						Concrete	
5	SEE BORING LOG OF MONITORING WELL MW41 FOR FULL DESCRIPTION OF LITHOLOGY	443						Bentonite Chips Riser (Sch 40 PVC)	
10		438						Filter Pack 16x40	
15		433					FL	Screen (Sch 40 PVC)	
20		428						Bottom Cap	
25		423							
30	END BOREHOLE AT 28 FEET BLS								

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Environmental**

LOG OF BORING MW37

(Page 1 of 2)

New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.

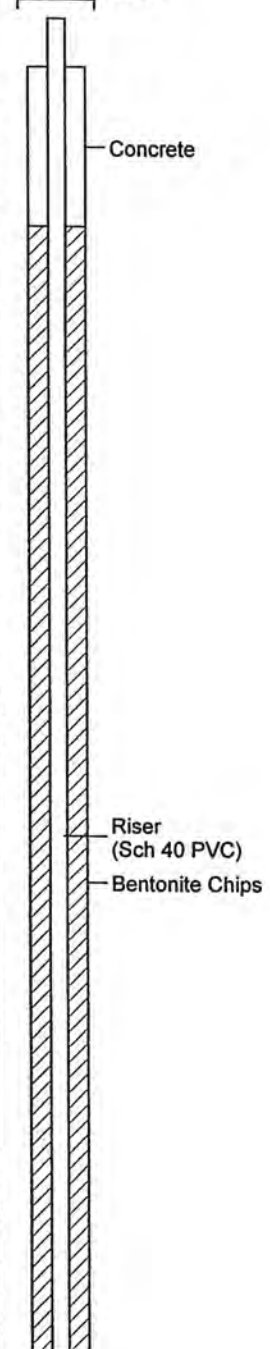
Date Started/Finished : 6/10/2004
Hole Diameter : 8.5 inches
Drilling Method : Hollow-Stem
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 429.29
Top of Casing Elevation 432.44
X,Y Coordinates : 510008, 803263

Location: Twp 5N, Rng 9W, 20 NE/SW/NW

Depth in Feet	DESCRIPTION	Surf. Elev. 429.29	Samples	Recovery inches	Blow Count	Qp TSF	USCS	GRAPHIC
0	Silty CLAY, trace fine sand and gravel, roots; non-plastic, brown, moist (FILL) - brown-gray	429	1	19	3	2.25		
2	- low plasticity, mottled w/ red-brown Fe-oxidation	427			5		CL	
4	- little fine sand, trace fine gravel	425			6			
	SAND, fine, poorly graded, light gray (FILL)		3	20	3	2.0	SP	
6	Silty CLAY, little sand, trace gravel; low plasticity, light brown-gray (FILL) - trace wood, medium plasticity	423			5			
			4	17	2	1.5	CL	
8	Clayey SAND with silt, fine, poorly graded; medium gray (FILL)	421			4			
			5	17	2	1.25	SC	
10	Silty CLAY, trace fine sand and gravel; medium plasticity, tan to brown-gray (FILL)	419			3			
			6	19	4	3.25	CL	
12	SAND, trace silt and clay, fine grained, poorly graded, brown (FILL) - 1/2-inch shard of porcelain at 11.17 feet BLS	417			8			
			7	22	5	1.25	SP	
	Sandy SILT, some clay, low plasticity (FILL)				3		ML	
14	Silty CLAY, little sand; low plasticity, brown-gray - medium plasticity, medium brown w/ red-brown Fe-oxidation mottling, wet - low plasticity, light gray, moist	415			4			
			8	24	0	0.75	CL	
	CLAY, medium to high plasticity, light brown-gray				2			
16					3		ML	

Well: MW37
Elev.: 432.44
Cover

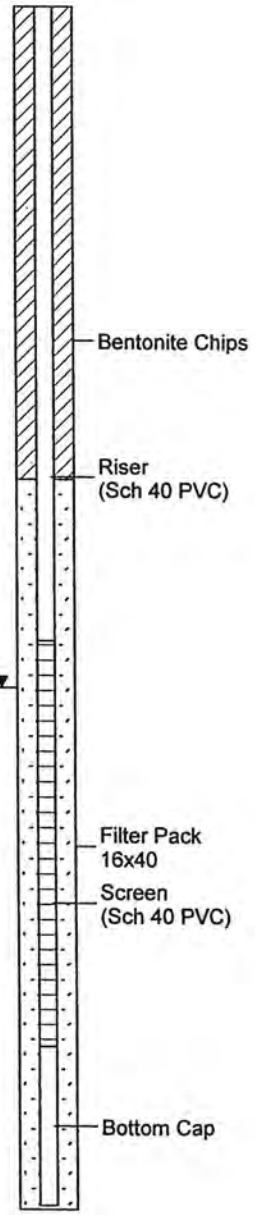


New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.
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Sampling Method : Split-Spoon
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Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 429.29
Top of Casing Elevation 432.44
X,Y Coordinates : 510008, 803263

Depth in Feet	DESCRIPTION	Surf. Elev. 429.29	Samples	Recovery inches	Blow Count	Qp TSF	USCS	GRAPHIC	Well: MW37 Elev.: 432.44	
									Bentonite Chips	Bottom Cap
16	Clayey SILT, non-plastic, light brown - little sand, medium gray, wet	413	9	20	1	0.75	ML			
18	CLAY with silt, high plasticity, medium gray, wet - moist	411	10	24	1	0.75	CH			
20	SAND, fine to medium, well graded, brown, wet	409	11	18	2	0.75	SW			
22	SAND, fine, poorly graded	407	12	19	2					
24		405	13	18	3					
26		403	14	24	6					
28		401	15	24	7					
30		399			8					
32	END BOREHOLE AT 31 FEET BLS									



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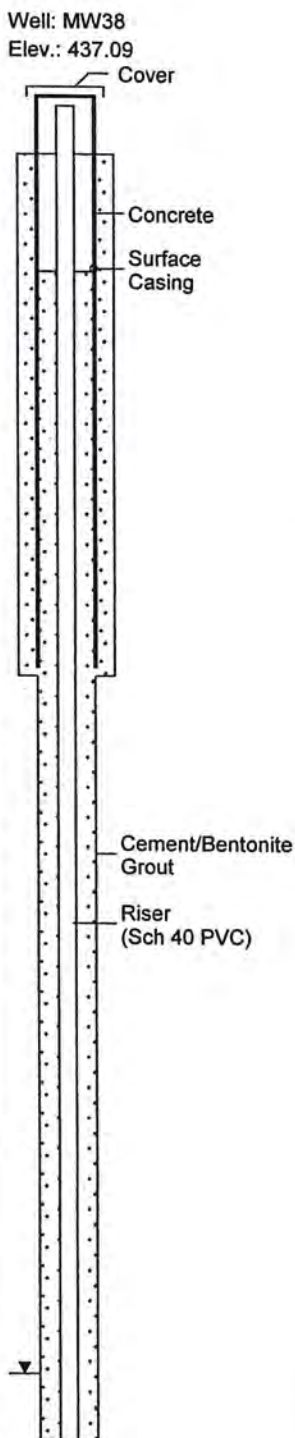
New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynergy Midwest Generation, Inc.

Date Started/Finished : 6/18 - 6/24/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow-Stem
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 434.49
Top of Casing Elevation 437.09
X,Y Coordinates : 510770, 802284

Location: Twp 5N, Rng 9W, 20 NW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 434.49	Samples	Recovery inches	Blow Count	Qp TSF	USCS	GRAPHIC	Well: MW38 Elev.: 437.09		
									Cover	Concrete	
0	Silty CLAY, with sand, roots, brown, moist FLYASH, trace coal, light gray, wet	434	1	24	2 1 1 1 2	0.75	FL	[Cross-hatched pattern]	Concrete	Surface Casing	
5	Note: Surface Casing = 10.75-inch O.D. PVC installed to 10 feet below grade.	429	2	19	0 0 0 0 0	<0.5	FL	[Cross-hatched pattern]			
10	Silty CLAY, with few wood, roots, organics; low plasticity, dark gray with black mottling, wet - no roots or wood, light-medium gray, moist - trace sand and gravel, few wood, olive gray	424	3	24	0 0 0 0 1	<0.5	CL	[Diagonal lines pattern]			
15	Silty CLAY; high plasticity, medium gray, wet	419	4	18	0 0 0 0	<0.5	CH	[Diagonal lines pattern]	Cement/Bentonite Grout	Riser (Sch 40 PVC)	
20	Silty SAND, with clay, fine sand; medium brown to gray	414	5	24	3 8 8	1.75	SM	[Dotted pattern]			
20	SILT to Sandy SILT, fine sand; light gray		7	24	2		MI	[Dotted pattern]			
20	Silty CLAY, trace fine sand; light gray w/ brown mottling				2		2.0	CL	[Diagonal lines pattern]		
20	Silty SAND, fine; poorly graded, light brown				2				SM	[Dotted pattern]	
25	SAND, fine; poorly graded, medium brown grading to medium gray		8	18	0 0 0	0.75	SP CL	[Dotted pattern] [Diagonal lines pattern]			



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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.

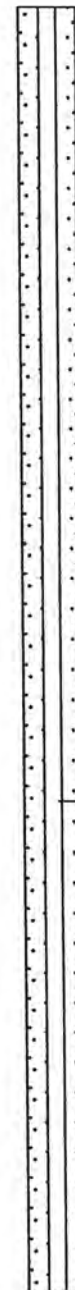
Date Started/Finished : 6/18 - 6/24/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow-Stem
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 434.49
Top of Casing Elevation 437.09
X,Y Coordinates : 510770, 802284

Location: Twp 5N, Rng 9W, 20 NW/NE/SW

Well: MW38
Elev.: 437.09

Depth in Feet	DESCRIPTION	Surf. Elev. 434.49	Samples	Recovery inches	Blow Count	Qp TSF	USCS	GRAPHIC
25	Silty CLAY, with silt and fine sand; low to medium plasticity, medium gray, moist to wet	409					CL	
	SAND, fine; poorly graded, medium gray, wet		9	21	0 1 2 2	1.5	SP	
30	CLAY, fat, high plasticity, medium gray, moist	404						
	- olive gray		10	24	1 2 2 3	1.0		
35	- trace shells (1/2-inch intact shell at 34.58 feet)	399						
	- no shells		11	24	0 0 0 0	1.0	CH	
40		394						
			12	24	0 0 0 0	1.0		
45		389						
			13	23	0 0 0 0	1.0		
50								



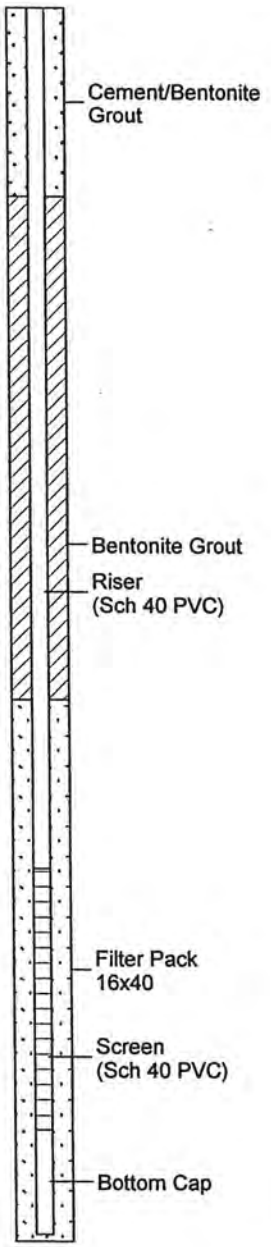
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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.
Location: Twp 5N, Rng 9W, 20 NW/NE/SW

Date Started/Finished : 6/18 - 6/24/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow-Stem
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 434.49
Top of Casing Elevation 437.09
X,Y Coordinates : 510770, 802284

Depth in Feet	DESCRIPTION	Surf. Elev. 434.49	Samples	Recovery inches	Blow Count	Qp TSP	USCS	GRAPHIC	Well: MW38 Elev.: 437.09	
50	- dark gray grading to light gray	384	14	24	0 0 0 2	1.25				
55	- olive gray	379	15	24	0 0 1 2	1.25	CH			
60	SAND, fine to medium; well graded, dark gray, wet	374								
65	- trace coarse sand	369	16	2	6 10 11 12		SW			
70	- fine to coarse sand, trace fine gravel, medium gray	364	18	9	10 12 12 14					
75	END BOREHOLE AT 74 FEET BLS									



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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.

Date Started/Finished : 6/14 - 6/15/2004
Hole Diameter : 8.5 / 3.875 inch
Drilling Method : Hollow Stem / Rotary
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.3
X,Y Coordinates : 510737, 801409

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.3	Samples	Recovery inches	Blow Count	Qp TSF	USCS	GRAPHIC
0	Silty CLAY, trace gravel, roots, dk brown, moist	437					FL	
	FLYASH, trace coal, light to medium gray, moist		1	24	5	1.25		
	- dark gray, wet				5			
					5			
					4			
					2			
					1			
			2	6	1	<0.5		
					1			
					0			
					0		FL	
5	- moist	432	3	18	1	1.0		
					2			
					1			
					1			
					1			
			4	8	0	<0.5		
					0			
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KELRON
Environmental

LOG OF BORING MW39

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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynergy Midwest Generation, Inc.

Date Started/Finished : 6/14 - 6/15/2004
Hole Diameter : 8.5 / 3.875 inch
Drilling Method : Hollow Stem / Rotary
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.3
X,Y Coordinates : 510737, 801409

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.3	Samples	Recovery Inches	Blow Count	Qp TSF	USCS	GRAPHIC
50	SAND (fine to medium, trace coarse), well graded	387	24	17	9 20 45 52			
55		382						
60		377					SW	
65	- fine to coarse, trace fine gravel, light gray	372	25	13	6 10 11 11			
70		367	26	16	5 7 11 15			
75			27	14	8 12 15 20			

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LOG OF BORING MW39

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New East Ash Pond Hydrogeologic Investigation
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Sampling Method : Split-Spoon
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Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.3
X,Y Coordinates : 510737, 801409

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.3	Samples	Recovery inches	Blow Count	Qp TSP	USCS	GRAPHIC
75	SAND (fine to medium, trace coarse), well graded	362						
80		357						
85		352	28	16	9 20 22 24		SW	
90		347						
95		342	29	17	9 16 19 27			
100								

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Sampling Method : Split-Spoon
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Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.3
X,Y Coordinates : 510737, 801409

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.3	Samples	Recovery inches	Blow Count	Qp TSP	USCS	GRAPHIC
100		337					SW	
	Sandy SILT, fine to coarse sand, trace fine gravel, light gray, moist SILT, trace fine sand and gravel, light gray, moist		30	24	15 25 21 27	2.25		
105		332					ML	
110		327						
	Silty CLAY, trace sand and fine gravel (subangular to rounded), larger clasts are limestone and quartz, very hard, moist. Diamicton.							
115		322					CL	
120		317						
			31	24	12 22 29 38	>4.5		
125	END BOREHOLE AT 124 FEET BLS							

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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.

Date Started/Finished : 6/17/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow Stem / Rotary
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.28
Top of Casing Elevation 440.03
X,Y Coordinates : 510738, 801412

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.28	Samples	Recovery inches	USCS	GRAPHIC
0	Silty CLAY, trace gravel, roots, dk brown, moist	437			FL	<p>Well: MW39M Elev.: 440.03</p> <p>Cover</p> <p>Concrete</p> <p>Surface Casing</p> <p>Bentonite Grout</p> <p>Riser (Sch 40 PVC)</p>
	FLYASH, trace coal, light to medium gray, moist - dark gray, wet		1	24		
	WELL MW39M BLIND DRILLED BASED ON ADJACENT BORING MW39. SEE BORING MW39 FOR FULL LOG.		2	6		
5	- moist	432	3	18	FL	
	Note: Surface Casing = 10.75-inch O.D. PVC installed to 10.0 feet below grade.		4	8		
	- wet		5	18		
10	Silty CLAY, medium plasticity, light brown, moist CLAY, trace roots, light to medium gray with orange-brown mottling - dark gray	427	6	24	CL	
	- 1/2 inch sandy clay seams at 12.42 and 13.25 feet		7	24		
	Silty CLAY, dark gray		8	17	SC CH SC	
15	Clayey SAND (fine), poorly graded, moist	422				
	Silty CLAY, high plasticity, dark gray; 1/2 inch sand seam at 14.63 feet		9	13		
	Clayey SAND (fine) with silt, poorly graded, medium gray		10	21	CH	
	Silty CLAY w/ few wood (maximum size 3 by 10 mm), high organics, high plasticity, dark gray, moist		11	22		
20	- olive gray	417				
	- with orange-brown mottling		12	20		
	Sandy CLAY		13	19	SP-SM	
25	SAND (fine) with silt, medium gray, wet - light brown - light gray					

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Wood River Power Station
Dynegy Midwest Generation, Inc.

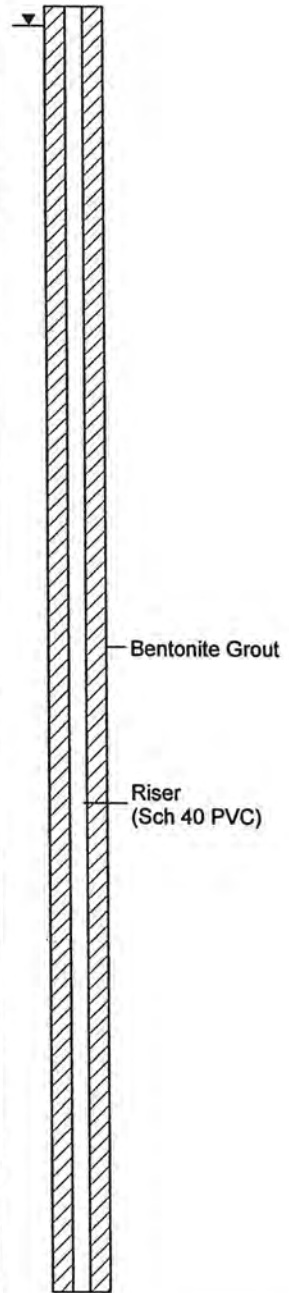
Date Started/Finished : 6/17/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow Stem / Rotary
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.28
Top of Casing Elevation 440.03
X,Y Coordinates : 510738, 801412

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.28	Samples	Recovery Inches	USCS	GRAPHIC
25		412	13	19	SP-SM	
	Silty CLAY, trace leaves and wood, trace shells (<2 mm), high plasticity, olive gray, moist		14	20	CH	
	Clayey SILT grading to SILT, trace fine sand, trace shells (<2 mm), light brown, wet	407	15	24	ML	
	SAND (fine to medium), trace fine gravel, well graded, wet		16	15	SW	
	SAND (fine), few silt, poorly graded, medium gray, wet	402	17	17	SP	
35		402	18	15		
			19	20		
			20	19		
40		397	21	17		
			22	14		
45		392				
	SAND (fine to medium, trace coarse), well graded		23	15	SW	
50						

Well: MW39M
Elev.: 440.03



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KELRON
Environmental

LOG OF BORING MW39M

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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.

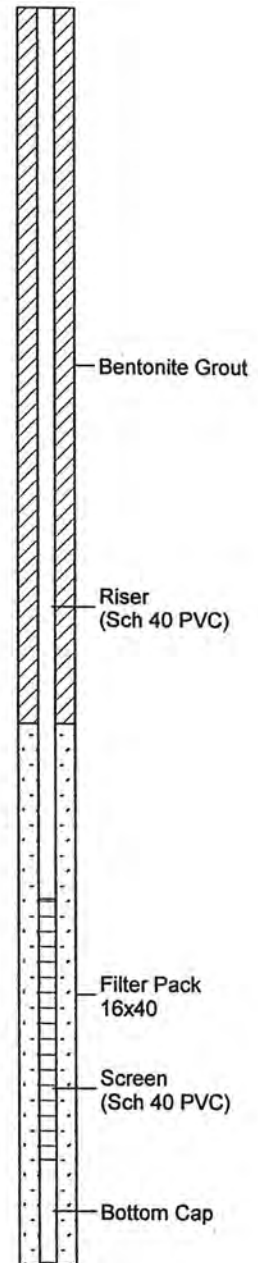
Date Started/Finished : 6/17/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow Stem / Rotary
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.28
Top of Casing Elevation 440.03
X,Y Coordinates : 510738, 801412

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.28	Samples	Recovery inches	USCS	GRAPHIC
50		387	24	17		
55		382				
60		377	25	13	SW	
65	- fine to coarse, trace fine gravel, light gray	372	26	16		
70		367	27	14		
75	END BOREHOLE AT 74.5 FEET BLS					

Well: MW39M
Elev.: 440.03



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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynergy Midwest Generation, Inc.

Date Started/Finished : 6/18/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow Stem / Rotary
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.33
Top of Casing Elevation 440.08
X,Y Coordinates : 510737, 801406

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.33	Samples	Recovery inches	USCS	GRAPHIC
0	Silty CLAY, trace gravel, roots, dk brown, moist FLYASH, trace coal, light to medium gray, moist - dark gray, wet	437	1	24	FL	<p>Well: MW39S Elev.: 440.08</p> <p>Cover</p> <p>Concrete</p> <p>Surface Casing</p> <p>Bentonite Grout</p> <p>Riser (Sch 40 PVC)</p>
	WELL MW39S BLIND DRILLED BASED ON ADJACENT BORING MW39. SEE BORING MW39 FOR FULL LOG.		2	6	FL	
5	- moist	432	3	18	FL	
	Note: Surface Casing = 10.75-inch O.D. PVC installed to 10.0 feet below grade.		4	8		
	- wet		5	18		
10	Silty CLAY, medium plasticity, light brown, moist CLAY, trace roots, light to medium gray with orange-brown mottling - dark gray	427	6	24	CL	
	- 1/2 inch sandy clay seams at 12.42 and 13.25 feet		7	24		
	Silty CLAY, dark gray		8	17	SC CH SC	
15	Clayey SAND (fine), poorly graded, moist Silty CLAY, high plasticity, dark gray; 1/2 inch sand seam at 14.63 feet	422	9	13		
	Clayey SAND (fine) with silt, poorly graded, medium gray		10	21	CH	
	Silty CLAY w/ few wood (maximum size 3 by 10 mm), high organics, high plasticity, dark gray, moist		11	22		
20	- olive gray	417	12	20		
	- with orange-brown mottling		13	19	SP-SM	
	Sandy CLAY					
25	SAND (fine) with silt, medium gray, wet - light brown - light gray					

New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.

Date Started/Finished : 6/18/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow Stem / Rotary
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 437.33
Top of Casing Elevation 440.08
X,Y Coordinates : 510737, 801406

Location: Twp 5N, Rng 9W, 20 SW/NE/SW

Depth in Feet	DESCRIPTION	Surf. Elev. 437.33	Samples	Recovery inches	USCS	GRAPHIC	Well: MW39S Elev.: 440.08
25		412	13	19	SP-SM		
	Silty CLAY, trace leaves and wood, trace shells (<2 mm), high plasticity, olive gray, moist		14	20	CH		
30	Clayey SILT grading to SILT, trace fine sand, trace shells (<2 mm), light brown, wet	407	15	24	ML		
	SAND (fine to medium), trace fine gravel, well graded, wet		16	15	ML		
	SAND (fine), few silt, poorly graded, medium gray, wet		17	17	SW		
35		402	18	15	SP		
			19	20	SP		
40		397	20	19	SP		
			21	17	SP		
			22	14	SP		
	END BOREHOLE AT 43.4 FEET BLS						
45		- 392					
50							

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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.

Date Started/Finished : 6/10 - 6/14/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow Stem
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 441.05
Top of Casing Elevation 444.20
X,Y Coordinates : 510477, 800633

Location: Twp 5N, Rng 9W, 20 SE/SW/SW

Depth
in
Feet

DESCRIPTION

Surf.
Elev.
441.05

Samples

Recovery
inches

Qp
TSF

Blow
Count

USCS

GRAPHIC

Well: MW40M
Elev.: 444.20

Cover

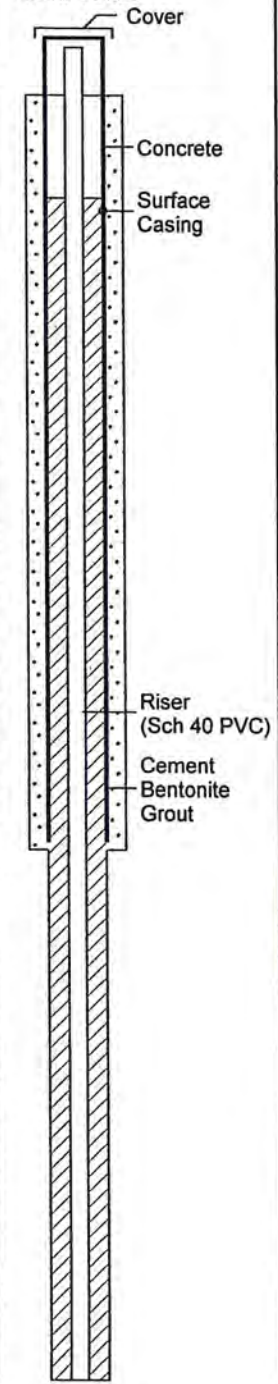
Concrete

Surface
Casing

Riser
(Sch 40 PVC)

Cement
Bentonite
Grout

0	FILL - Gravel (coarse), sand, clay, brown, dry	441	1	21	0.5	7	FL	
	FLYASH, trace coal, medium to dark gray, moist		2	18	0.5	8		
	- wet		3	22	1.0	9		
	- moist	436	4	22	1.5	10	FL	
	- bottom ash with flyash seams		5	24	1.75	11		
	- flyash		6	24	<0.5	12		
	- bottom ash with trace coal, moist to wet		7	24	2.0	13		
5			8	21	>4.5	14	ML	
	- flyash, wet	431	9	18		15	SW	
	Note: Surface Casing = 10.75 inch O.D. PVC installed to 14.5 feet below grade.		10	18		16	CL	
10			11	19		17	SP	
	Silty CLAY, few roots, low to medium plasticity, dark gray, moist	426	12	20		18	SW	
	SILT, dark gray, wet					19	SP	
	SAND (fine to medium) with clay, well graded, brown, moist					20	SW	
	Silty CLAY, low plasticity, light gray, moist					21	SP	
	SAND (fine to medium) with clay, trace fine gravel, well graded, light brown, moist					22	SW	
15						23	SP	
	SAND (fine), poorly graded	421				24	SW	
	- fine to coarse, well graded					25	SP	
	- fine, poorly graded					26	SW	
20						27	SP	
25						28	SW	



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New East Ash Pond Hydrogeologic Investigation
Wood River Power Station
Dynegy Midwest Generation, Inc.

Location: Twp 5N, Rng 9W, 20 SE/SW/SW

Date Started/Finished : 6/10 - 6/14/2004
Hole Diameter : 12.5 / 8.5 inches
Drilling Method : Hollow Stem
Sampling Method : Split-Spoon
Drilling Company : Harriss Drilling Services, Inc.

Driller : John McMullan
Geologist : Stuart Cravens (Kelron)
Land Surface Elevation: 441.05
Top of Casing Elevation 444.20
X,Y Coordinates : 510477, 800633

Depth in Feet	DESCRIPTION	Surf. Elev. 441.05	Samples	Recovery inches	Qp TSF	Blow Count	USCS	GRAPHIC	Well: MW40M Elev.: 444.20
25		416					SP		<p>Cement Bentonite Grout</p> <p>Riser (Sch 40 PVC)</p> <p>Bentonite Grout</p>
30	- fine to medium, well graded, wet	411	13	19		2 9 19 18	SW		
	CLAY, Clayey SILT, and Silty CLAY in alternating layers		14	22	0.75	1 1 2 2	CH-ML		
35	- Clayey SILT at 34.75 to 35 feet has trace roots, black organics, non-plastic, olive gray	406	15	21	1.0	0 1 1 2 3			
	SAND (fine), poorly graded, olive gray, wet		16	23		0 2 4 0	SP		
	Silty CLAY, non to high plasticity, olive gray, moist		17	24	1.0	0 1 1	CL		
40	SAND (fine to medium), trace coarse sand, well graded, olive gray, wet	401				8	SW		
	SAND (fine), poorly graded		18	24	0.75	0 1 1	SP		
	Silty CLAY, high plasticity, moist					2 4	CH		
	SAND (fine), poorly graded, medium gray, wet		19	24		0 3 4 6	SP		
45	CLAY with silt, high plasticity, olive gray, moist	396	20	24		1 1 2 3			
			21	14	1.0	1 1 2 4 0	CL		
			22	0		0 1 3			
50						5	SW		

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