



GEOLOGIC FIELD OBSERVATIONS

Borehole, Monitoring Well, or Test Pit No. UAW-301R

Location Type: ☒ Borehole ☐ Test Pit ☐ Other

Page 1 of 2

Site Name Champaign M&P

Project No. 624-1201-0008-0002

Date 6/22/12

Start Time 0730

Logged by L. Hoosier

Depth (feet)	Sampler Type	Sample Depth (feet)		Sample Recovery	Field Description of: Modifier/Material, Color, Impact, Consistency, Odor, Moisture, USCS Symbol, Comments, and Observations	Blow Counts	USCS Symbol	PID Reading
		Top	Bottom					
0	MC	0		100%	Brown silty clay with trace gravel; roots; stiff; moist			0.0
1								0.0
2								0.0
3								0.0
4		4	4	100%	Brn silty clay; med stiff; moist.			0.0
5					Lt brn (gray silty clay; roots; med stiff; moist			0.0
6					Gray clay; med stiff; moist			0.0
7					7.5 ft grades to Lt gray/brn silty clay;			0.0
8					med stiff; moist.			0.0
9		9	9	100%	soft			0.0
10								0.0
11					12.6 ft Brn sand; fine to med grained; wet			0.0
12					Water has sheen + strong coal tar-like odor			0.2
13					2" seam of silty, sandy clay; Lt brn; wet; sheen			10.6
14		14	14	100%	strong coal tar-like odor; black sand; wet			47.4
15				50%	with coal tar-like substance			6.8
16								
17					Brn silty clay w/trace gravel (fill); moderate			28.2
18					coal tar-like odor; moist.			9.6
19		19	19		rock frags			1.6
20				100%	Lt gray silty clay w/trace sand (fill); very slight			2.1
21					odor; stiff; moist.			0.3
22					no odor at 22 ft			0.1
23					22.5 sand seam (1")			0.0
24			24					0.0
Continued next page								
Drilling Fluids <input checked="" type="checkbox"/> None					Groundwater Measurements <input type="checkbox"/> Groundwater Not Encountered			
Type					Date	6/22/12		
Amount Lost					Time	0815		
Source					Depth (feet)	12		

Comments: Groundwater observed at 12 ft - water contained coal tar-like substance. Sand impacted w/ coal tar like substance at 14 ft.

Geologist's Signature

Leslie Hoosier

Date

6/22/12



GEOLOGIC FIELD OBSERVATIONS

Borehole, Monitoring Well, or Test Pit No. UW-804R

Location Type: ☒ Borehole ☐ Test Pit ☐ Other

Page 1 of 1

Site Name Champaign MGP

Project No. 624-1201-0008-TMD2

Date 6/20/12

Start Time 1225

Logged by L. Hoosier

Depth (feet)	Sampler Type	Sample Depth (feet)		Sample Recovery	Field Description of: Modifier/Material, Color, Impact, Consistency, Odor, Moisture, USCS Symbol, Comments, and Observations	Blow Counts	USCS Symbol	PID Reading
		Top	Bottom					
					Clean fill from remediation (CA-6)			
					0' to 23' Augered to 19' then began macrocore.			
19	MC	19		73%	CA-6 (clean fill)			0.0
20								0.0
21								0.0
22					Wet			0.2
23					trace gravel (fill)			79.3
24		24	24	79%	Silty clay, gray; heavily impacted w/ coal tar-like substance; strong odor;			140.2
25					Silty clay w/ trace sand (fill); no visible			10.6
26					impact; very slight odor; stiff; moist.			0.8
27								0.2
28					Gravelly sand; gray; no impact or odor; moist			0.2
29		29		85%	Sandy clay; gray; very stiff; moist.			0.0
					1430 - Stopped for day - will set casing 6/21			
					0730 6/21/12 - Resume drilling and set casing			
					0800 began mixing grout. 0825 grouting			
					0900 Pulling auger			
					Set casing at 89.3 ft on 6/21/12			

Drilling Fluids <input type="checkbox"/> None		Groundwater Measurements <input type="checkbox"/> Groundwater Not Encountered	
Type <u>Mud (Bentonite gel + water)</u>	Date <u>6/20/12</u>		
Amount Lost	Time		
Source	Depth (feet) <u>23</u>		

Comments: Auger stuck @ 21 ft - had to use mud to get to 24 ft (1445 - mixing mud)
Filled augers with mud + continued to 24 ft. Then pushed macrocore to 29 ft.
Stopped for day - need grout. will finish 6/21/12.

Geologist's Signature Leslie Hoosier

Date 6/20/12



GEOLOGIC FIELD OBSERVATIONS

PAGE 1 OF 1

☒ Borehole ☐ Test Pit ☐ Probehole Location No. UMW-304R
Project Name: Champaign MGP Project No. 624-1201-8 Cost Code UD002
Project Manager: Sazuma Drilling Company: Terra Drill, Dyer, IL
Client Company: Ameren Drillers: BROWN/GOTTO
Site Name/Address: 308 N. 5th St, Champaign
Date: 6/26/12 Start-End Time: 0755 Logged by (print name): CRAVENS

Depth (feet)	Sample Number	Sampler Type	Sample Depth (feet)		Sample Recovery (inches)	Field Description of Material, Comments, and Observations	Pocket Penetrometer	USCS Symbol	Air Monitoring		
			Top	Bottom					Borehole	Breathing Zone	Sample
29	001	MC	29	34	30/60	Sandy CLAY, soft, high plasticity, not (F-coarse sand), H. gray		CL			
31						- stiff to very stiff					
33						SILT with clay, trace fine sand, stiff, H. gray, wet		ML			
34	002	MC	34	39	34/60	SAND (F-coarse) w/ trace gravel (fine), subang. - subrounded, gray, wet		SW			
	003	MC	39	44	38/60						
43.1						Sandy CLAY (F-coarse) w/ trace fine gravel, stiff, non-plastic, gray, moist (TMC)		CL			
43.3						CLAY w/ a few sand (fine-coarse), trace gravel (fine), very stiff, gray, moist (TMC)		CL			
	none		44	46		Blind Drill w/ Rotary from 39 to 46' by 5' to widen borehole for well installation					

Drilling Fluids
Type Veilflow (gray gum) w/ municipal water
Amount Lost _____
Source NINC, Champaign

☐ None

Groundwater Measurements
☐ Groundwater Not Encountered
Date _____
Time _____
Depth (feet) _____

Comments: MC = MacnCore sampler (1.75" x 5')Geologist's Signature [Signature] Date 6/26/12 Reviewer _____ Date _____



GEOLOGIC FIELD OBSERVATIONS

Borehole, Monitoring Well, or Test Pit No. UMW-308Location Type: ☒ Borehole ☐ Test Pit ☐ OtherPage 1 of 2Site Name Champaign MGPProject No. 624-1201-0008-10002Date 6/21/12Start Time 1245Logged by L. Hoosier

Depth (feet)	Sampler Type	Sample Depth (feet)		Sample Recovery	Field Description of: Modifier/Material, Color, Impact, Consistency, Odor, Moisture, USCS Symbol, Comments, and Observations	Blow Counts	USCS Symbol	PID Reading
		Top	Bottom					
0	MC	0		75%	Topsoil			0.0
1					Gravel			0.0
2					Brown silty clay; med stiff; moist			0.0
3								0.0
4		4	4	100%	Lt brown			0.0
5					Lt brn/gray silty clay w/trace sand;			0.0
6					med stiff; moist			0.0
7					Green/gray silty clay w/trace sand; slight			25.4
8					diesel-like odor; moist; med stiff			3.8
8.5					Sand seam @ 8.5 ft (1-inch); slight odor; moist			1.3
9		9	9	75%	Lt gray/green silt; med stiff; moist; slight odor			1.3
					Sand/gravel seam @ 9.0 ft - wet; sheen. Coal			1.5
					tar-like odor and diesel-like odor			0.0
10					Lt gray/green silty clay w/trace sand (fill);			0.0
11					slight hydrocarbon odor; coal tar-like substance			0.5
12					in voids			0.2
13					Gray silt; slight hydrocarbon odor; soft; wet			0.0
14		14	14	100%	Gray sand; moderate odor, soft; wet			0.0
15					Gray silty clay w/trace sand (fill); no			0.0
16					odor or visible impact; stiff; moist			0.0
17								0.0
18								0.0
19			19	100%				0.0
20								0.0
21								0.0
22					Continued next page			0.0

Drilling Fluids ☐ None

Groundwater Measurements

☐ Groundwater Not Encountered

Type

Date

6/21/12

Amount Lost

Time

1330

Source

Depth (feet)

9

Comments:

Geologist's Signature

Leslie Hoosier

Date

6/21/12

GEOLOGIC FIELD OBSERVATIONS

PAGE 1 OF 1

☒ Borehole ☐ Test Pit ☐ Probehole Location No. UMN-308
 Project Name: Champaign MGP Project No. 624174-8 Cost Code 20002
 Project Manager: Suzama Drilling Company: Terra Drill, Opa, IL
 Client Company: Ameren Drillers: BROWN/GOTTO
 Site Name/Address: 308 N. 5th St., Champaign, IL
 Date: 6 / 26 / 12 Start-End Time 1520 - 1610 Logged by (print name) Crayens

Depth (feet)	Sample Number	Sampler Type	Sample Depth (feet)		Sample Recovery (inches)	Field Description of Material, Comments, and Observations	Pocket Penetrometer	USCS Symbol	Air Monitoring		
			Top	Bottom					Borehole	Breathing Zone	Sample
29	DD1	MC	29	34	41/60	SAND fine , wellgraded F-cse with clay and gravel (F-cse), non-plastic, very stiff, lt. gray, wet		SW-SC			
30.8						CLAY w/ trace sand (F-cse) and gravel (fine) stiff, med plasticity, lt. gray, moist (TLC)		CL			
34	DD2	MC	34	39	60/60	Clayey SAND (wellgraded, F-cse), cohesive, med dense, gray, wet		SW-SC			
34.9						SAND (F-cse), trace gravel (fine)		SW			
39	DD3	MC	39	44	60/60	CLAY w/ sand + gravel (F-cse), med to high plasticity, stiff, gray, moist - very stiff		CL			
39.5											
40.4						SAND (fine), poorly graded, gray, wet		SP			
40.7						SILT with clay and fine sand, very stiff, gray, wet		ML			
41.2						SAND (F-cse), wellgraded, trace gravel (fine), med dense, gray, wet		SW			
Rotary Drill 29 to 45' by 5" to open hole for well installation.											

Drilling Fluids ☐ None
 Type Veriflow (greasy) w/ water
 Amount Lost _____
 Source N2WC, Champaign (municipal water)

Groundwater Measurements ☐ Groundwater Not Encountered
 Date _____
 Time _____
 Depth (feet) _____

Comments: MC = Macrocone sampler (1.75" x 5')

Geologist's Signature [Signature] Date 6/26/12 Reviewer _____ Date _____



GEOLOGIC FIELD OBSERVATIONS

Serial No. GFO-_____

Borehole/Monitoring Well; or Test Pit No. UMW-122

(Record this location on the Group List)

Group List Number _____

Location Type: ☒ Borehole ☐ Test Pit ☐ Other _____Page 1 of 1Site Name Champaign MGPProject No. 624-0908-0120Cost Code 50002Date 2/3/10Start Time 0855Logged by (print name) L. Hoosier

Depth (feet)	Sample Number	Sampler Type	Sample Depth (feet)		Sample Recovery (inches)	Modifier and Main Soil; color; impact; consistency/density; odor; moisture; USCS (Refer to Ameren Standard Descriptions)	Pocket Penetrometer	USCS Symbol	Air Monitoring		
			Top	Bottom					Borehole	Breathing Zone	Sample
0		MC	0		52"	silty clay; dk brn; brick/concrete frags; no visible impact; med stiff; no odor; damp. (fill)		FI			0.0
3											0.0
4						Silty clay; lt brn w/ some dk brn mottling; no visible impact; stiff; no odor; moist.		CL			0.0
5				5							0.0
6			5			soft; moist					0.0
6.5						2" sand seam at 6.5'; wet graining back to silty clay		SP			
								CL			0.0
9						clay th silty clay with lt gray mottling; no visible impact; soft; no odor; moist.					0.0
10				10		silt with some clay; lt brn; no visible impact; med stiff; no odor; damp.		ML			0.0
			10								0.0
13						Silty clay w/ some sand/gravel (hill) lt brn; no visible impact; no odor; damp.		CL			0.0
14.5						Silty sandy clay w/ some gravel (hill) lt gray; no visible impact; stiff; no odor; damp.		CL			0.0
15			15	15							0.0
											0.0
20				20		TDB @ 20'					0.0

Drilling Fluids

☐ None

Type _____

Amount Lost _____

Source _____

Groundwater Measurements

☐ Groundwater Not Encountered

Date _____

Time _____

Depth (feet) _____

Comments Sampled UMW-122 @ 2-3ft 0900; UMW-122(6-7) @ 0920Geologist's Signature Leslie HoosierDate 2/3/10

Reviewer _____

Date _____



GEOLOGIC FIELD OBSERVATIONS

Serial No. GFO-

Borehole/Monitoring Well; or Test Pit No. UMW-123

(Record this location on the Group List)

Group List Number

Location Type: Borehole Test Pit

Other

Page 1 of 1

Site Name Champaign MGP

Project No. 624-6908-
0120

Cost Code JD002

Date 2-2-10

Start Time 1042

Logged by (print name) L. Hoosier

Depth (feet)	Sample Number	Sampler Type	Sample Depth (feet)		Sample Recovery (inches)	Description Modifier and Main Soil; color; impact; consistency/density; odor; moisture; USCS (Refer to Ameren Standard Descriptions)	Pocket Penetrometer	USCS Symbol	Air Monitoring		
			Top	Bottom					Borehole	Breathing Zone	Sample
		MC	0		38"	Silty clay w/brick frags; dk brn; no visible impact; med stiff; no odor; moist. (fill)		FI			0.0
4						Silty clay; lt brn; no visible impact; some sand; no odor; med stiff; damp.		CL			0.0
			5			Sand with some clay + gravel; lt brn; no impact; med soft; moist; Sand; lt brn; no visible impact; med dense; no odor; wet. (17-8')		SC			0.0
7						Silty clay; lt brn; no visible impact; med soft; no odor; moist.		SP			0.0
8						grading to silty clay w/some gravel.		CL			0.0
10			10		30"	Sandy clay; some gravel; lt brn; no visible impact; med stiff; no odor; damp.		CL			0.0
12						Silty sandy clay; trace gravel; lt brownish gray; no visible impact; stiff; no odor; damp.		CL			0.0
14			15			Silty clay w/some gravel (fill) lt gray; no visible impact; hard; no odor; damp.		CL			0.0
			20			TDB @ 20'					0.0

Drilling Fluids <input type="checkbox"/> None Type _____ Amount Lost _____ Source _____	Groundwater Measurements <input type="checkbox"/> Groundwater Not Encountered												
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Date</td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Time</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Depth (feet)</td> <td></td> <td></td> <td></td> </tr> </table>	Date				Time				Depth (feet)			
Date													
Time													
Depth (feet)													

Comments Sampled UMW-123(3-4) @ 1050 / UMW-123(6-7) @ 1100

Geologist's Signature Yusuf Hossain

Date 2/2/10

Reviewer

Date _____

Well Number UMW-124 **WELL INSTALLATION RECORD**

Serial No. WIR- _____

Borehole Number (if different) _____

Project Name Champaign FMGP On-Site Well InstallationProject No. 624-1201-0008Client Company AmerenCost Code. J0002Site Name Champaign FMGP SiteSite Address 308 North Fifth Street, Champaign, ILWell Diameter 2 inchesConductor Casing ☒ None
(To seal off upper water-bearing zones)

Well Type

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter _____ inches

Material _____

Length _____ feet

Depth to Bottom of Casing _____ feet

Seal Material _____

Permit

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						15.0	
Bottom Cap/Plug							
Sump (Tailpipe below screen)	Sch 40				0.22	15.27	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	Sch 40	9.36' slotted length			10.05	15.02	4.97
Riser (Blank Casing above Screen)	Sch 40				4.64	Same as top of screen.	0.33

Annular Fill Materials

Use minus sign if top of riser is above ground. \varnothing

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Natural Sand Pack	N/A	N/A	-	-		
Artificial Sand Pack	Unimin FilterSil WG1	4 / 50#		X	15.0	3.0
Bentonite Seal	Baroid Holeplug (3/8" pellets)	4 / 50#		X	3.0	1.0
Grout Seal						
Backfill (if any)						
Surface Seal	Quickrete -placed in 1.5'x 1/2' sonotube	2 / 80#		X	1.0	0.0

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault

- Material
☒ Steel
☐ Aluminum

Lock

- ☒ Yes
Lock Number 2532
☐ No

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision

Protectors Installed?

- ☐ Yes
☒ No
Quantity _____

Comments Started 6/27/12; Completed 6/28/12.Recorded by (print name) Stuart Cravens Signature [Signature] Date 6/28/12

Recorded by (print name) _____ Signature _____ Date _____

Well Number UMW-125**WELL INSTALLATION RECORD**Serial No. WIR-

Borehole Number (if different) _____

Project Name Champaign FMGP On-Site Well InstallationProject No. 624-1201-0008Client Company AmerenCost Code. J0002Site Name Champaign FMGP SiteSite Address 308 North Fifth Street, Champaign, ILWell Diameter 2 inchesConductor Casing ☒ None
(To seal off upper water-bearing zones)**Well Type**

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter _____ inches

Material _____

Length _____ feet

Depth to Bottom of Casing _____ feet

Seal Material _____

Permit

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						15.0	
Bottom Cap/Plug							
Sump (Tailpipe below screen)	Sch 40				0.22	15.33	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	Sch 40	9.36' slotted length			10.05	15.11	5.06
Riser (Blank Casing above Screen)	Sch 40				4.77	Same as top of screen.	0.29

Annular Fill Materials

Use minus sign if top of riser is above ground. ☞

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Natural Sand Pack	N/A	N/A	-	-		
Artificial Sand Pack	Unimin FilterSil WG1	4 / 50#		X	15.0	3.0
Bentonite Seal	Baroid Holeplug (3/8" pellets)	3/4 / 50#		X	3.0	1.0
Grout Seal						
Backfill (if any)						
Surface Seal	Quickrete -placed in 1.5'x 1/2' sonotube	2 / 80#		X	1.0	0.0

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault
- Material
☒ Steel
☐ Aluminum

Lock

- ☒ Yes
 Lock Number 2532
☐ No

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision**Protectors Installed?**

- ☐ Yes
☒ No
 Quantity _____

Comments Started 6/27/12; Completed 6/28/12. final well depth past development = 15.04' mpRecorded by (print name) Stuart Cravens Signature [Signature] Date 6/28/12Recorded by (print name) _____ Signature [Signature] Date 7/3/12

Well Number UMW-126**WELL INSTALLATION RECORD**Serial No. WIR-

Borehole Number (if different) _____

Project Name Champaign FMGP On-Site Well InstallationProject No. 624-1201-0008Client Company AmerenCost Code. J0002Site Name Champaign FMGP SiteSite Address 308 North Fifth Street, Champaign, ILWell Diameter 2 inchesConductor Casing ☒ None
(To seal off upper water-bearing zones)**Well Type**

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter _____ inches

Material _____

Length _____ feet

Depth to Bottom of Casing _____ feet

Seal Material _____

Permit

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						15.5	
Bottom Cap/Plug							
Sump (Tailpipe below screen)	Sch 40				0.22	15.40	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	Sch 40	9.36' slotted length			10.05	15.18	5.13
Riser (Blank Casing above Screen)	Sch 40				4.88	Same as top of screen.	0.25

Annular Fill Materials

Use minus sign if top of riser is above ground. ↗

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Natural Sand Pack	N/A	N/A	-	-		
Artificial Sand Pack	Unimin FilterSil WG1	4 / 50#		X	15.0	3.0
Bentonite Seal	Baroid Holeplug (3/8" pellets)	3/4 / 50#		X	3.0	1.0
Grout Seal						
Backfill (if any)						
Surface Seal	Quickrete -placed in 1.5'x 1/2' sonotube	2 / 80#		X	1.0	0.0

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault

- Material
☒ Steel
☐ Aluminum

Lock

- ☒ Yes
Lock Number 2532
☐ No

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision**Protectors Installed?**

- ☐ Yes
Quantity _____
☒ No

Comments Started 6/27/12; Completed 6/28/12. Final well depth = 15.15' (mp = top casing) post development.Recorded by (print name) Stuart CravensSignature [Signature]Date 7/3/12

Recorded by (print name) _____

Signature [Signature]

Date _____

Well Number UMW-127

WELL INSTALLATION RECORD

Serial No. WIR-

Borehole Number (if different) _____

Project Name Champaign FMGP On-Site Well InstallationProject No. 624-1201-0008Client Company AmerenCost Code. J0002Site Name Champaign FMGP SiteSite Address 308 North Fifth Street, Champaign, ILWell Diameter 2 inches

Conductor Casing

(To seal off upper water-bearing zones)

☒ None

Well Type

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter _____ inches

Material _____

Length _____ feet

Depth to Bottom of Casing _____ feet

Seal Material _____

Permit

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						15.0	
Bottom Cap/Plug							
Sump (Tailpipe below screen)	Sch 40				0.22	15.38	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	Sch 40	9.36' slotted length			10.05	15.16	5.11
Riser (Blank Casing above Screen)	Sch 40				4.86	Same as top of screen.	0.25

Annular Fill Materials

Use minus sign if top of riser is above ground. ↗

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Natural Sand Pack	N/A	N/A	-	-		
Artificial Sand Pack	Unimin FilterSil WG1	4 / 50#		X	15.0	3.0
Bentonite Seal	Baroid Holeplug (3/8" pellets)	3/4 / 50#		X	3.0	1.0
Grout Seal						
Backfill (if any)						
Surface Seal	Quickrete -placed in 1.5'x 1/2' sonotube	2 / 80#		X	1.0	0.0

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault

- Material
☒ Steel
☐ Aluminum

Lock

- ☒ Yes
Lock Number 2532
☐ No

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision

Protectors Installed?

- ☐ Yes
Quantity _____
☒ No

Comments Started 6/27/12; Completed 6/28/12. Find well depth post development = 15.13' m.p.Recorded by (print name) Stuart CravensSignature [Signature]Date 6/28/12

Recorded by (print name) _____

Signature [Signature]Date 7/3/12

Well Number UMW-301R

WELL INSTALLATION RECORD

Serial No. WIR-

Borehole Number (if different) _____

Project Name Champaign FMGP On-Site Well InstallationProject No. 624-1201-0008Client Company AmerenCost Code. J0002Site Name Champaign FMGP SiteSite Address 308 North Fifth Street, Champaign, ILWell Diameter 2 inches

Conductor Casing

☐ None

(To seal off upper water-bearing zones)

Well Type

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter 6 inchesMaterial PVCLength 29.4 feetDepth to Bottom of Casing 29.4 feetSeal Material Grout (6 bg Portland / 1/2 Bent Gel)**Permit**

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						46.0	
Bottom Cap/Plug							
Sump (Tailpipe below screen)	Sch 40				0.60	46.65	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	Sch 40	Pre-pack 3.375"OD / 2" ID			9.55	46.05	36.50
Riser (Blank Casing above Screen)	Sch 40				36.21	Same as top of screen.	0.29

Annular Fill MaterialsUse minus sign if top of riser is above ground. ☒

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Natural Sand Pack	N/A	N/A	-	-	46.0	44.0
Artificial Sand Pack	Unimin FilterSil WG1	3.5/50#		X	44.0	34.0
Bentonite Seal	Baroid Holeplug (3/8" pellets)	1/50#		X	34.0	29.1
Grout Seal	Portland Cement/ Cetco Bentonite Gel	3/41#	X		29.1	1.0
Backfill (if any)		1/2/50#				
Surface Seal	Quickrete -placed in 1.5'x1/2' sonotube	2/80#		X	1.0	0.0

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault

- Material
☒ Steel
☐ Aluminum

Lock

- ☒ Yes
 Lock Number 2532
☐ No

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision**Protectors Installed?**

- ☐ Yes
☒ No
 Quantity _____

Comments Upper boring = 12"OD/8.25" ID. well completed on 6/28/12.Recorded by (print name) Leslie Hoosier Signature _____ Date 6/29/12Recorded by (print name) Stuart Cravens Signature [Signature] Date 6/28/12

Well Number UMW-304R

WELL INSTALLATION RECORD

Serial No. WIR-

Borehole Number (if different) _____

Project Name Champaign FMGP On-Site Well InstallationProject No. 624-1201-0008Client Company AmerenCost Code. J0002Site Name Champaign FMGP SiteSite Address 308 North Fifth Street, Champaign, ILWell Diameter 2 inchesConductor Casing ☐ None
(To seal off upper water-bearing zones)**Well Type**

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter 6 inchesMaterial PVCLength 29.3 feetDepth to Bottom of Casing 29.3 feetSeal Material Grout (5 bg Portland / 1/2 Bent Gel)**Permit**

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						46.0	
Bottom Cap/Plug							
Sump (Tailpipe below screen)	Sch 40				0.60	46.16	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	Sch 40	Pre-pack 3.375"OD / 2" ID			9.55	45.56	36.01
Riser (Blank Casing above Screen)	Sch 40				35.72	Same as top of screen	0.29

Annular Fill MaterialsUse minus sign if top of riser is above ground. ☒

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Natural Sand Pack	N/A	N/A	-	-	46.0	40.0
Artificial Sand Pack	Unimin FilterSil WG1	2/50#		X	40.0	33.7
Bentonite Seal	Baroid Holeplug (3/8" pellets)	1/50#		X	33.7	28.6
Grout Seal	Portland Cement/ Cetco Bentonite Gel	3/44#8	X		28.6	1.0
Backfill (if any)		1/2/50#				
Surface Seal	Quickrete -placed in 1.5'x1/2' sonotube	2/80#		X	1.0	0.0

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault

- Material
☒ Steel
☐ Aluminum

Lock

- ☒ Yes
Lock Number 2532
☐ No

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision**Protectors Installed?**

- ☐ Yes
Quantity _____
☒ No

Comments Upper b'ndry = 12'00"/8.25" IO. well completed on 6/28/12.Recorded by (print name) Leslie Hoosier Signature _____ Date 6/24/12Recorded by (print name) Stuart Cravens Signature [Signature] Date 6/28/12

Well Number UMW-308

WELL INSTALLATION RECORD

Serial No. WIR-

Borehole Number (if different) _____

Project Name Champaign FMGP On-Site Well InstallationProject No. 624-1201-0008Client Company AmerenCost Code. J0002Site Name Champaign FMGP SiteSite Address 308 North Fifth Street, Champaign, ILWell Diameter 2 inchesConductor Casing ☐ None
(To seal off upper water-bearing zones)**Well Type**

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter 6 inchesMaterial PVCLength 29.3 feetDepth to Bottom of Casing 29.3 feetSeal Material Grout (11 bg Portland / 1 Bent Gel)**Permit**

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						45.0	
Bottom Cap/Plug							
Sump (Tailpipe below screen)	Sch 40				0.60	45.29	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	Sch 40	Pre-pack 3.375"OD / 2" ID			9.55	44.69	35.14
Riser (Blank Casing above Screen)	Sch 40				34.89	Same as top of screen.	0.25

Annular Fill MaterialsUse minus sign if top of riser is above ground. ϕ

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Natural Sand Pack	N/A	N/A	-	-	45.0	40.0
Artificial Sand Pack	Unimin FilterSil WG1			X	40.0	32.5
Bentonite Seal	Baroid Holeplug (3/8" pellets)			X	32.5	26.0
Grout Seal	Portland Cement/ Cetco Bentonite Gel		X		26.0	1.0
Backfill (if any)						
Surface Seal	Quickrete -placed in 1.5'x 1/2' sonotube			X	1.0	0.0

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault

- Material
☒ Steel
☐ Aluminum

Lock

- ☒ Yes
Lock Number 2532
☐ No

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision**Protectors Installed?**

- ☐ Yes
☒ No
Quantity _____

Comments Upper casing = 12" OD / 8.25" ID. well completed 6/28/12.Recorded by (print name) Leslie Hoosier Signature _____ Date 6/28/12Recorded by (print name) Stuart Cravens Signature [Signature] Date 6/28/12

Well Number UMN-106K **WELL INSTALLATION RECORD**Serial No. WIR-Borehole Number (if different) SameProject Name Champaign MGPProject No. 624-0908-0120Client Company AmerenCost Code. 50002Site Name Champaign MGPSite Address 308 N 5th St.Well Diameter 2 inches

Conductor Casing

(To seal off upper water-bearing zones)

☒ None

Well Type

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter _____ inches

Material _____

Length _____ feet

Depth to Bottom of Casing _____ feet

Seal Material _____

Permit

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						<u>20</u>	
Bottom Cap/Plug	<u>X</u>						
Sump (Tailpipe below screen)	<u>N/A</u>				<u>N/A</u>	<u>N/A</u>	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	<u>X</u>				<u>10</u>	<u>17</u>	<u>7</u>
Riser (Blank Casing above Screen)	<u>X</u>				<u>6.5</u>	Same as top of screen	<u>0.5</u>

Annular Fill Materials

Use minus sign if top of riser is above ground. ☒

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Plug beneath sand pack		<u>5016</u>				
Sand Pack	Unimin FilterSil WG1	<u>7.25</u>			<u>17</u>	<u>5</u>
Bentonite Seal	Pure Gold Medium Chips	<u>2.0</u>			<u>5</u>	<u>0.5</u>
Grout Seal	Cement/Bentonite Mix					
Backfill (if any)						
Surface Seal	Concrete	<u>5.0</u>			<u>0.5</u>	<u>0.0</u>

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault

- Material
☐ Steel
☐ Aluminum

Lock

- ☐ Yes
Lock Number 2532
☐ No

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision

Protectors Installed?

- ☐ Yes
Quantity _____
☒ No

Comments Well installed using bezo trace rig.Recorded by (print name) L. HoosierSignature Leslie HoosierDate 2-2-10 Reviewer _____ Date _____

Well Number 0MW-122**WELL INSTALLATION RECORD**Serial No. WIR-Borehole Number (if different) sameProject Name Champaign MGPProject No. 1024-0908-0120Client Company AmerluCost Code. J0002Site Name Champaign MGPSite Address 308 N 5th St.Well Diameter 2 inches**Conductor Casing**

(To seal off upper water-bearing zones)

☒ None**Well Type**☒ Monitoring Well☐ Piezometer☐ Recovery Well☐ Other _____

Diameter _____ inches

Material _____

Length _____ feet

Depth to Bottom of Casing _____ feet

Seal Material _____

Permit

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						20	
Bottom Cap/Plug	X						
Sump (Tailpipe below screen)	X				5	20	Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	X				10	15	5
Riser (Blank Casing above Screen)	X				4.5	Same as top of screen.	0.5

Annular Fill MaterialsUse minus sign if top of riser is above ground. ☒

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Plug beneath sand pack		50 lb				
Sand Pack	Unimin FilterSil WG1	9			20	4
Bentonite Seal	Pure Gold Medium Chips	1.5			4	0.5
Grout Seal	Cement/Bentonite Mix					
Backfill (if any)						
Surface Seal	Concrete	5			0.5	0.0

Well Cover

Finish

☐ Stick-up☒ Flush☐ Vault

Material

☐ Steel☐ Aluminum**Lock**☐ YesLock Number 2532☒ No**Measuring Point**☒ Top of Riser☐ Top of Cover**Well Collision****Protectors Installed?**☐ Yes

Quantity _____

☒ NoComments Well installed using 1620 track rig.Recorded by (print name) L. HoosierSignature Leslie HoosierDate 2/3/10 Reviewer _____ Date _____

Well Number UWW-123**WELL INSTALLATION RECORD**Serial No. WIR-Borehole Number (if different) sameProject Name Champaign MGPProject No. 1624-0908-0120Client Company AmurenCost Code. 50002Site Name Champaign MGPSite Address 308 N 5th St.Well Diameter 2 inches**Conductor Casing**

(To seal off upper water-bearing zones)

☒ None**Well Type**

- ☒ Monitoring Well
☐ Piezometer
☐ Recovery Well
☐ Other _____

Diameter _____ inches

Material _____

Length _____ feet

Depth to Bottom of Casing _____ feet

Seal Material _____

Permit

Number _____

Date _____

Well Construction Details

Well Component	Material (specify type)				Length (feet)	Depth Below Grade (feet)	
	PVC	Stainless Steel	Teflon	Other		Bottom	Top
Borehole						20	
Bottom Cap/Plug	X						
Sump (Tailpipe below screen)	N/A						Same as bottom of screen
Screen [Slot Size: <u>0.010</u> in.]	X				10	16	6
Riser (Blank Casing above Screen)	X				5.5	Same as top of screen.	0.5

Annular Fill MaterialsUse minus sign if top of riser is above ground. ☒

Component	Material Name/Description	Quantity (No. of Bags/ Volume per Bag)	Tremied		Depth Below Grade (feet)	
			Yes	No	Bottom	Top
Plug beneath sand pack		50 lb				
Sand Pack	Unimin FilterSil WG1	7.0			16	4
Bentonite Seal	Pure Gold Medium Chips	1.5			4	0.5
Grout Seal	Cement/Bentonite Mix					
Backfill (if any)						
Surface Seal	Concrete				0.5	0.0

Well Cover

- Finish
☐ Stick-up
☒ Flush
☐ Vault
- Material
☐ Steel
☐ Aluminum

Lock

- ☐ Yes
☒ No
Lock Number 2532

Measuring Point

- ☒ Top of Riser
☐ Top of Cover

Well Collision**Protectors Installed?**

- ☐ Yes
☒ No
Quantity _____

Comments well installed using 1620 track rig.Recorded by (print name) L. HoosierSignature Leslie HoosierDate 2/2/10 Reviewer _____ Date _____



WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE

RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party)

AMEREN

UMW-104

2. Well Location: Well Site Address

308 W. 5TH ST.

City

CHAMPAIGN

Zip

61820

Lot #

Land I.D.#

County

CHAMPAIGN

Township

19N

Range

9E

Section

7

NE

Quarter of the

SW

Quarter of the

Quarter

GPS: North

Degrees

Minutes

Seconds

West

Degrees

Minutes

Seconds

Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.

3. Year Drilled

1990

4. Drilling Permit Number (and date, if known)

5. Type of Well

GW MONITORING

6. Total Depth (ft.)

20.0

Diameter (in.)

2.0

7. Formation clear of obstruction

YES

8. Details of Plugging (bentonite, neat cement or other materials)

Filled with

BENTONITE GLIPS
3/8-INCH HOLED

From (ft.)

20.0

to (ft.)

2.0

Kind of plug

From (ft.)

to (ft.)

Filled with

From (ft.)

to (ft.)

Kind of plug

From (ft.)

to (ft.)

Filled with

From (ft.)

to (ft.)

Kind of plug

From (ft.)

to (ft.)

9. CASING RECORD Upper 2 feet of casing removed

YES

10. Date well was sealed

9/15/10

11. Licensed water well driller or other person approved by the Department performing well sealing

Name

Jeremy Todd Bignall

Complete License Number

092-007590

Address

210 W. Sandbank Rd.

City

Columbia

State

IL

Zip Code

62236

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.

Print Form

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
525 W. JEFFERSON ST.
SPRINGFIELD, IL 62761



WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE

RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Ameren Services UMW-111,06

2. Well Location: Well Site Address 308 N. 5th City Champaign Zip 61820

Lot # NA Land I.D.# NA County Champaign Township 19N

Range 9E Section 7 NE Quarter of the NE Quarter of the SW Quarter

GPS: North Degrees 40 Minutes 7 Seconds 8.6 West Degrees 88 Minutes 13 Seconds 50.8

Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.

3. Year Drilled NA 4. Drilling Permit Number (and date, if known) NA

5. Type of Well Drilled 6. Total Depth (ft.) 20.7 17.0 Diameter (in.) 2

7. Formation clear of obstruction Yes

8. Details of Plugging (bentonite, neat cement or other materials)

Filled with	<u>Compacted Soil</u>	From (ft.)	<u>0</u>	to (ft.)	<u>4.3</u>
Kind of plug	<u>Bentonite Chips (3/8")</u>	From (ft.)	<u>4.3</u>	to (ft.)	<u>17 20.7</u>
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	

9. CASING RECORD Upper 2 feet of casing removed Yes 10. Date well was sealed Jul 7, 2009 Nov 6, 2009

11. Licensed water well driller or other person approved by the Department performing well sealing

? Name Jeremy Bignali Jeremy Bignali Complete License Number 092-007590

Address 210 West Sand Bank Road City Columbia State Illinois Zip Code 62236

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.



WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE

RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Ameren Services UMW-111

2. Well Location: Well Site Address 308 N. 5th City Champaign Zip 61820

Lot # NA Land I.D.# NA County Champaign Township 19N

Range 9E Section 7 NE Quarter of the NE Quarter of the SW Quarter

GPS: North Degrees 40 Minutes 7 Seconds 8.6 West Degrees 88 Minutes 13 Seconds 50.8

Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.

3. Year Drilled NA 4. Drilling Permit Number (and date, if known) NA

5. Type of Well Drilled 6. Total Depth (ft.) 20.7 Diameter (in.) 2

7. Formation clear of obstruction Yes

8. Details of Plugging (bentonite, neat cement or other materials)

Filled with	<u>Compacted Soil</u>	From (ft.)	<u>0</u>	to (ft.)	<u>3</u>
Kind of plug	<u>Bentonite Chips (3/8")</u>	From (ft.)	<u>3</u>	to (ft.)	<u>20.7</u>
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	

9. CASING RECORD Upper 2 feet of casing removed Yes 10. Date well was sealed Jul 7, 2009

11. Licensed water well driller or other person approved by the Department performing well sealing

Name Jeremy Bignall Jeremy Bignall Complete License Number 092-007590

Address 210 West Sand Bank Road City Columbia State Illinois Zip Code 62236

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.



WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE

RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Ameren Services UMW 114

2. Well Location: Well Site Address 308 N. 5th City Champaign Zip 61820

Lot # NA Land I.D.# NA County Champaign Township 19N

Range 9E Section 7 Quarter of the NE Quarter of the SW Quarter

GPS: North Degrees 40 Minutes 7 Seconds 7.9 West Degrees 88 Minutes 13 Seconds 52

Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.

3. Year Drilled NA 4. Drilling Permit Number (and date, if known) NA

5. Type of Well Drilled 6. Total Depth (ft.) 20.4 Diameter (in) 2

7. Formation clear of obstruction Yes

8. Details of Plugging (bentonite, neat cement or other materials)

Filled with	<u>Compacted Soil</u>	From (ft.)	<u>0</u>	to (ft.)	<u>3</u>
Kind of plug	<u>Bentonite Chips (3/8")</u>	From (ft.)	<u>3</u>	to (ft.)	<u>20.4</u>
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	

9. CASING RECORD Upper 2 feet of casing removed Yes 10. Date well was sealed Jul 7, 2009

11. Licensed water well driller or other person approved by the Department performing well sealing

Name Jeremy Bignall Jeremy T. Bignall Complete License Number 092-007590

Address 210 West Sand Bank Road City Columbia State Illinois Zip Code 62236

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.



WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE

RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Ameren Services UMW 301

2. Well Location: Well Site Address 308 N. 5th City Champaign Zip 61820

Lot # NA Land I D # NA County Champaign Township 19N

Range 9E Section 7 NE Quarter of the NE Quarter of the SW Quarter

GPS: North Degrees 40 Minutes 7 Seconds 9 West Degrees 88 Minutes 13 Seconds 49.4

Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.

3. Year Drilled NA 4. Drilling Permit Number (and date, if known) NA

5. Type of Well Drilled 6. Total Depth (ft.) 45 Diameter (in.) 2

7. Formation clear of obstruction Yes

8. Details of Plugging (bentonite, neat cement or other materials)

Filled with	<u>Compacted Soil</u>	From (ft.)	<u>0</u>	to (ft.)	<u>3</u>
Kind of plug	<u>Bentonite Chips (3/8")</u>	From (ft.)	<u>3</u>	to (ft.)	<u>45</u>
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	

9. CASING RECORD Upper 2 feet of casing removed Yes 10. Date well was sealed Jul 7, 2009

11. Licensed water well driller or other person approved by the Department performing well sealing

Name Jeremy Bignall *Jeremy Bignall* Complete License Number 092-007590

Address 210 West Sand Bank Road City Columbia State Illinois Zip Code 62236

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.



WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE

RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Ameren Services UMW-304

2. Well Location: Well Site Address 308 N. 5th City Champaign Zip 61820

Lot # NA Land I.D.# NA County Champaign Township 19N

Range 9E Section 7 Quarter of the NE Quarter of the SW Quarter

GPS: North Degrees 40 Minutes 7 Seconds 9.6 West Degrees 88 Minutes 13 Seconds 52.4

Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.

3. Year Drilled NA 4. Drilling Permit Number (and date, if known) NA

5. Type of Well Drilled 6. Total Depth (ft.) 45.2 Diameter (in.) 4

7. Formation clear of obstruction Yes

8. Details of Plugging (bentonite, neat cement or other materials)

Filled with	<u>Compacted Soil</u>	From (ft.)	<u>0</u>	to (ft.)	<u>3</u>
Kind of plug	<u>Bentonite Chips (3/8")</u>	From (ft.)	<u>3</u>	to (ft.)	<u>45.2</u>
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	
Filled with		From (ft.)		to (ft.)	
Kind of plug		From (ft.)		to (ft.)	

9. CASING RECORD Upper 2 feet of casing removed Yes 10. Date well was sealed Jul 7, 2009

11. Licensed water well driller or other person approved by the Department performing well sealing

Name Jeremy Bignall *Jeremy Bignall* Complete License Number 092-007590

Address 210 West Sand Bank Road City Columbia State Illinois Zip Code 62236

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.



ILLINOIS DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
525 W. JEFFERSON ST.
SPRINGFIELD, IL 62761



WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE

RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Ameren Services UMW-110

2. Well Location: Well Site Address 308 N. 5th City Champaign Zip 61820

Lot # NA Land I D # NA County Champaign Township 19N

Range 9E Section 7 NE Quarter of the NE Quarter of the SW Quarter

GPS: North Degrees 40 Minutes 7 Seconds 9.9 West Degrees 88 Minutes 13 Seconds 49.9

Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.

3. Year Drilled NA 4. Drilling Permit Number (and date, if known) NA

5. Type of Well Drilled 6. Total Depth (ft.) 20.8 Diameter (in.) 2

7. Formation clear of obstruction Yes

8. Details of Plugging (bentonite, neat cement or other materials)

Filled with Compacted Soil From (ft.) 0 to (ft.) 3

Kind of plug Bentonite Chips (3/8") From (ft.) 3 to (ft.) 20.8

Filled with From (ft.) to (ft.)

Kind of plug From (ft.) to (ft.)

Filled with From (ft.) to (ft.)

Kind of plug From (ft.) to (ft.)

9. CASING RECORD Upper 2 feet of casing removed Yes 10. Date well was sealed Jul 7, 2009

11. Licensed water well driller or other person approved by the Department performing well sealing

Name Jeremy Bignall Complete License Number 092-007590

Address 210 West Sand Bank Road City Columbia State Illinois Zip Code 62236

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.



WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE

RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) AMEREN UMW-1152. Well Location: Well Site Address 308 N. 5th ST. City CHAMPAIGN Zip 61820Lot # _____ Land I.D.# _____ County CHAMPAIGN Township 19NRange 9E Section 7 Quarter of the NE Quarter of the SW Quarter _____

GPS: North _____ Degrees _____ Minutes _____ Seconds _____ West _____ Degrees _____ Minutes _____ Seconds _____

Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.

3. Year Drilled 1990 4. Drilling Permit Number (and date, if known) _____5. Type of Well GW Monitoring 6. Total Depth (ft.) 21.5 Diameter (in.) 2.07. Formation clear of obstruction YES

8. Details of Plugging (bentonite, neat cement or other materials)

Filled with BENTONITE CHIPS From (ft.) 21.5 to (ft.) 03/8-inch hydrated

Kind of plug _____ From (ft.) _____ to (ft.) _____

Filled with _____ From (ft.) _____ to (ft.) _____

Kind of plug _____ From (ft.) _____ to (ft.) _____

Filled with _____ From (ft.) _____ to (ft.) _____

Kind of plug _____ From (ft.) _____ to (ft.) _____

9. CASING RECORD Upper 2 feet of casing removed YES 10. Date well was sealed 3-17-11

11. Licensed water well driller or other person approved by the Department performing well sealing

Name Jeremy T. BignallComplete License Number 092-007590Address 210 W. Sandbank Rd. City Columbia State IL Zip Code 62236

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.