



Amy
Hanrahan/Bolingbrook/EMG/
EIX

12/14/2012 01:22 PM

To Joseph Heredia/Powerton/EMG/EIX@EME, Maria
Race/Chicago/EMG/EIX@EME, Bill
Constantelos/Chicago/EMG/EIX@EME,

cc

bcc

Subject Powerton's Groundwater Well Installation Documentation

Attached is your copy of the package that was sent via FedEx today to the Illinois EPA documenting the newly installed groundwater monitoring well at Powerton.



2012-12-14 Powerton GW Installation Documentation under CCA.pdf

Amy Hanrahan
Midwest Generation
Edison Mission Energy

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COMP. Ex. 13 MWG13-15_21746



MIDWEST
GENERATION EME, LLC

An EDISON INTERNATIONAL Company

Amy L. Hanrahan
Senior Environmental
Engineer
Environmental Services

December 14, 2012

Ms. Andrea Rhodes
Illinois Environmental Protection Agency
Bureau of Water
CAS #19
PO Box 19276
1021 North Grand Avenue East
Springfield, IL 62702

VIA FEDERAL EXPRESS

Re: Compliance Commitment Agreement - Well Installation Documentation
Midwest Generation, LLC, Powerton Station; ID No. 6282
Violation Notice W-2012-00057

Dear Ms. Rhodes:

The Compliance Commitment Agreement (CCA) for the above referenced site relative to Violation Notice W-2012-00057 was signed by Midwest Generation on October 15, 2012 and executed by Illinois Environmental Protection Agency (IEPA) signature on October 24, 2012 (effective date). Item 5 (f) of the CCA requires Midwest Generation to install an additional groundwater monitoring well south of existing well MW-9, at a location approved by IEPA, within 60 days of the effective date of the CCA.

On November 7, 2012, Midwest Generation and KPRG and Associates, Inc. (KPRG) met with Mr. Lynn Dunaway of IEPA to site the well location in the field. The attached Figure 1 shows that agreed upon location (labeled MW-16). KPRG installed the monitoring well on November 27, 2012 and developed the well on November 28, 2012. Attached is the boring log/well construction summary for the new well. The well will be included in the next round of groundwater monitoring scheduled for December.

This submittal fulfills the requirements set forth under Item 5 (f) of the signed CCA. Please call me at 630-771-7863 if there are any questions.

Sincerely,

Amy Hanrahan
Senior Environmental Engineer

235 Remington Blvd.
Suite A
Bolingbrook, IL 60440
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ahanrahan@mwgen.com

MWG13-15_21747

cc: Ms. Maria Race, Midwest Generation EME, LLC
Mr. Basil Constantelos, Midwest Generation EME, LLC
Mr. Joseph Heredia, Midwest Generation, LLC
Mr. Christopher Foley, Midwest Generation EME, LLC
Ms. Susan Franzetti, Nijman Franzetti, LLP
Mr. Richard Gnat, KPRG and Associates, Inc.
Mr. Bill Buscher, IEPA



<p>0 300' APPROXIMATE SCALE</p>	ENVIRONMENTAL CONSULTATION & REMEDIATION K P R G KPRG and Associates, Inc. <small>414 Plaza Drive, Suite 106 Westmont, Illinois 60159 Telephone 630-325-1300 Facsimile 630-325-3593 14665 West Liban Road, Suite 78 Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478</small>		AGREED UPON MONITORING WELL LOCATION		
			POWERTON STATION PEKIN, ILLINOIS		
			Scale: 1" = 300'	Date: December 12, 2012	
			KPRG Project No. 18311.21		FIGURE 1

K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION
KPRG and Associates, Inc.

GEOLOGIC LOG OF MW-16

(Page 1 of 1)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

KPRG Project No. 18311.21

Date Started : 11/27/2012
Date Well Set : 11/27/2012
Rock Coring Tools : Not cored
Drilling Tools : 4.25 ID HSA
Drill Rig : Geoprobe
Driller Name/Co : S. Keshma/Cabeno

Total Boring Depth : 35 feet
Well Bottom Depth : 35 feet
Surface Elev. : 468.957 feet above MSL
TOC Elev. : 471.584 feet above MSL
Groundwater Elev. : 439.81
Riser Material : 2" Sch 40 PVC
Screen Material : 2" Sch 40 PVC, 0.010 slot
Coordinate N : 40 32' 22.9" N
Coordinate E : 89 40' 41.1" W
Logged By : M. Wilson

Depth In Feet	Surf. Elev. 468.957	DESCRIPTION	PID	% Recovery	Well Diagram: MW-16
0	469	FILL: Black to brown silty clay with sand and gravel (Hydrovac from 0-10')			
2	467				
4	465				
6	463				
8	461	Approximate extent of fill			
10	459	Tan medium to fine grained SAND with some gravel	0	60	Riser 2" Sch 40 PVC Bentonite Chips
12	457				
14	455		0		
16	453		0	70	
18	451		0		
20	449	- Gravel layer approximately 2" thick	0		
22	447		0	100	
24	445	- Thin layer of fine grained sand	0		
26	443		0	100	
28	441		0		
30	439	- Wet	0		Sand
32	437		0	60	Screen, 0.010 slot 2" Sch 40 PVC
34	435		0		
36	433	End of boring at 35'			
38	431				
40					

12-13-2012 N:\Projects\18311 - Midwest Generation Ash Storage Issues\18311.2 - Powerton Well Install\MW-16.log

