



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

(217) 785-2359

June 1, 2011

CERTIFIED MAIL

7009 2820 0001 7486 4637

Brian H. Martin, CHMM
Ameren Services
One Ameren Plaza
1901 Chouteau Avenue, P.O. Box 66149
St. Louis, Missouri 63166-6149

Re: 0190100008--Champaign County
Champaign/IP Town Gas
Site Remediation Program/Technical Reports

Dear Mr. Martin:

The Illinois Environmental Protection Agency ("Illinois EPA") has completed review of the *Groundwater Monitoring Update – Quarter 1, 2011 Sampling Event* ("Groundwater Sampling Event"). The Groundwater Sampling Event was received by the Illinois EPA on April 22, 2011 (Log No. 11-47552). The Illinois EPA approves of the above Groundwater Sampling Event with the following comments.

1. The Illinois EPA concurs the shallow groundwater at and around this site could be classified as a Class II groundwater since: the site is not located within the minimum setback zone of a potable water supply well; there is not a 5 foot or more thick unconsolidated sand, gravel or sand and gravel containing 12 percent or less fines; bedrock is not encountered in the shallow geology; and the hydraulic conductivity is less than 1×10^{-4} centimeters per second (cm/sec). The hydraulic conductivity of the four shallow monitoring wells (UMW-102, UMW-104, UMW-106 and UMW-108) range from 1.8×10^{-4} to 5.23×10^{-6} cm/sec per slug tests conducted in the early 1990s. However, since the slug tests were completed in the early 1990s, current slug tests should be completed to verify the groundwater classification at the site. Please provide a work plan to conduct additional slug testing to verify the Class II designation at the site.

Rockford • 430 1/2 N. Main St., Rockford, IL 61103 • (815) 987-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 608-3131

Bureau of Land – Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000

Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463

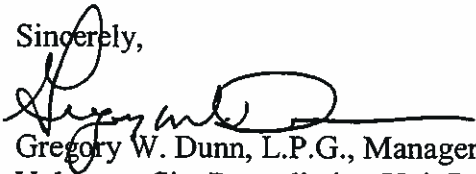
Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

2. The Illinois EPA collected split groundwater samples from four monitoring wells during this sampling event. The analytical results from the Illinois EPA samples and the analytical results from the Ameren samples are similar. The Illinois EPA will continue to collect split water samples a couple of times a year, most likely in the spring and fall.

All future submittals to the Illinois EPA concerning the Illinois Power Town Gas site in Champaign should include one original and two copies of each document. If you have any questions, please feel free to contact me at above telephone number, address or e-mail me at Greg.Dunn@illinois.gov.

Sincerely,



Gregory W. Dunn, L.P.G., Manager
Voluntary Site Remediation Unit B
Remedial Project Management Section
Division of Remediation Management
Bureau of Land

cc: Bureau of Land File
Stan Black

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