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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
901 NORTH 5TH STREET
KANSAS CITY, KANSAS 66101

SEP 15 2011

Kevin Dodson
MidAmerican Energy Company
Urbandale Business Center
4299 NW Urbandale Drive
Urbandale, Iowa 50322-7916

Dear Mr. Dodson:

In a letter dated August 31, 2011, your consultant, MWH, proposed modifications to the groundwater monitoring program at the Peoples Natural Gas site in Dubuque, Iowa. These changes were requested due to changes in the groundwater flow since the time when the sampling locations were selected and the recent identification of monitoring wells that may have become corroded, creating a possible conduit for shallow contamination to migrate into deeper zones. The modifications requested in your letter are approved with the following exceptions:

1. Add monitoring well D-5 (silty sand) to the sampling network.
2. Add monitoring well SS-8 (silty sand) to the sampling network.
3. Delete monitoring well SS-10 (silty sand) from the sampling network.
4. Monitoring well W-27 (alluvial) should remain in the sampling network. (It is shown on both the lists for inclusion and deletion from the monitoring network in your letter.)
5. It would be preferable to sample in October and April, rather than September and April.

It is acceptable to properly abandon monitoring wells W-20 and W-119 due to the corrosion that was observed. A plan for the replacement of W-20 must be submitted so that the alluvial aquifer will be monitored in that portion of the site. At this time there is no need to replace W-119. Any future plans for the abandonment of the remaining steel pipe wells (SE-2, W-120, W-121, AE-1, W-22, W-23 and W-24) must be submitted for review and approval.

Results of recent sampling indicate that plans need to be developed for the installation of additional monitoring wells northeast of P-112 and east of W-117R to provide coverage outside of the known areas of contamination. We can discuss a schedule for this work as well as the replacement for W-20.

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If you have questions regarding this or any other issue pertaining to this site, don't hesitate to contact me at (913) 551-7746 or by email at engeman.diana@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Diana L. Engeman", with a long horizontal line extending to the right.

Diana L. Engeman
Remedial Project Manager
Iowa/Nebraska Remedial Branch
Superfund Division

cc: Dan Cook, Iowa Department of Natural Resources
Don Vogt, City of Dubuque
Kevin Armstrong, MWH