



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Gloria L. McCutcheon, Regional Director

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March 8, 2004

Mr. Mark Collins  
WE Energies  
231 W. Michigan St.  
Milwaukee, WI 53290-0001

FID#241496530/BRRTS#02-41-000320

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# 0241557202  
# 0241557057

Subject: Former Wisconsin Gas Third Ward MGP Site, Milwaukee, WI

Dear Mr. Collins:

The Wisconsin Department of Natural Resources (Department) is in receipt of the following document submitted by ARCADIS G&M, Inc. relating to the above mentioned site: *Site-Wide Groundwater Investigation and Remedial Action Options Report*. After an initial review the Department conceptually concurs with the ARCADIS proposal for remediation including the previous soil treatment (in-situ and ex-situ), engineered barriers, natural attenuation and groundwater monitoring. Natural attenuation is contingent upon demonstrating that areas of impacted groundwater are stable or receding and do not pose a threat to human health or the environment. The Department also has the following comments on the current plan:

- Please assess the utilities in the area as receptors and migration pathways.
- In addition to the well proposed, the Department recommends additional well nests north of W-42D, southeast of W-51S, and southwest of B-44D to better define the extent of the plume boundaries and the potential discharge to the Milwaukee River.
- A recovery well should be considered in the shallow source area near W-23S.
- Although you propose to sample semi-annually, groundwater flow information should be collected quarterly for a minimum of eight quarters to better assess the groundwater flow conditions at the site.
- Please provide additional information and justification of the criteria that you propose to use to define an increasing trend and the need for re-evaluation of the proposed remedial actions.

The Department appreciates the actions you have taken so far to investigate and restore the environment at this site. If you have any questions please contact me at the address above or at (414)263-8557.

Sincerely,

Margaret M. Brunette, P.G.  
Hydrogeologist  
Remediation and Redevelopment Program

Cc: Michael Maierle – ARCADIS G&M