

VILLAGE OF HAMPSHIRE

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December 6, 2004

Ms. Dorothy M. Gunn, Clerk
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street
Suite 11-5000
Chicago, IL 60601

PC#15

RE: Docket No. R-04-021
Revisions to Radium Water Quality Standards

Dear Ms. Gunn:

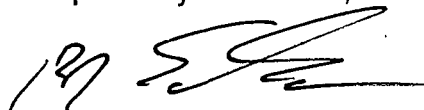
The Village of Hampshire, Kane County, Illinois owns and operates a Public Water Supply currently consisting of four deep sandstone wells (Wells No. 5, 6, 7 and 9). All of the existing wells exceed the current combined radium potable water standard of 5.0 pCi/l. The Village of Hampshire has selected the cation exchange treatment process to remove the combined radium to below drinking water standards from the deep sandstone wells. The Wells No. 5 and 6 Water Treatment Plant, the Well No. 7 Water Treatment Plant and the Well No. 9 Water Treatment Plant are currently in service.

The cation exchange treatment process requires that the cations, including radium, removed from the water during treatment be discharged to the sanitary sewer system. The Village of Hampshire owns and operates a sanitary sewer system and a wastewater treatment facility (WWTF). Since the WWTF discharges to Hampshire Creek, an effluent dominated receiving stream, the Village will likely have difficulty complying with the existing water quality standard of 1.0 pCi/l for radium 226. Enforcement of the overly restrictive water quality standard could result in occasional or frequent violation and require additional expenditure of public funds without an associated benefit to the public or aquatic and riparian life associated with the stream. Therefore, the Village of Hampshire supports the approval of the proposal to implement revised water quality standards for radium concentrations in the receiving stream.

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The Village of Hampshire appreciates the opportunity to provide comments to the Illinois Pollution Control Board on this important issue to our community.

Respectfully submitted,



Bradley P. Sanderson, P.E.
Senior Project Manager
Engineering Enterprises, Inc



William P. Schmidt
Village President
Village of Hampshire

BPS/WPS/tpf

pc: Mr. Chuck Anderson, Village Trustee
Atty. Mark Schuster, Village Attorney
Ms. Linda Vasquez, Village Clerk
Mr. John Bidinger, Supt. Of Public Works
JKM, JWF - EEI