



To: David Plyman

From: Adam Lanning

Date: August 15, 2016

Re: Well 11 Radium Removal Plant Design  
Violation Notice: W-2016-00015

Well 11, located at the High School on Flagg rd. has been recently issued a notice of violation by the Illinois Environmental Protection Agency (IEPA) for radium exceeding the maximum contaminant levels (MCL). According to state statute, RMU is required to respond in writing to the IEPA outlining what actions we will take to return the well back into compliance. Also, we must state whether we are willing to enter into a compliance commitment agreement (CCA) with the state.

Through a series of conversations with the IEPA, they agreed to resolve this with 1 of 2 options. Move forward with the planning and design of a radium removal plant at well 11 and continue quarterly sampling and testing for radium over the next year. If we are able to lower our annual running average for radium below the MCL in 4 consecutive quarters then we will be in compliance and have no reason to proceed with the construction of a treatment plant. If the continued sampling does not yield results below the MCL, construct the treatment plant as outlined in the CCA at an approximate cost of \$3.4 million. If we construct a treatment plant, it would not be operational until February 2018.

The IEPA agreed to these provisions and the City signed and submitted the compliance commitment agreement. To meet the required deadlines, the design phase of the project needs to begin. Over the past several months I have visited several city's radium removal treatment plants and have discussed the issue with different consultants. After review, I have decided that Willet Hoffman and Associates fulfills the requirements of the City to complete the design of the removal treatment plant. My recommendation is to approve the agreement with Willet Hoffman and Associates to complete the design of a radium removal treatment plant at a cost of \$453,000.



Adam Lanning  
Superintendent Water/Water Reclamation

333 Lincoln Highway  
Rochelle, IL 61068  
[www.rmu.net](http://www.rmu.net)