

Application and backup material are confidential and not in the Administrative Record

AR-1348

July 11, 2011

Ms. Amy Daigneault  
Pretreatment Coordinator  
Lowell Regional Wastewater Utility  
451 First Street Boulevard  
Lowell, Massachusetts 01850

Re: Industrial Sewer User Permit Application  
Public Service of New Hampshire (PSNH)  
Bow, New Hampshire

Dear Ms. Daigneault:

Based on your previous discussions with Mr. Ronald Breton (GZA GeoEnvironmental, Inc. [GZA]), our consulting engineer, PSNH is requesting that the City of Lowell (City) consider our request to accept treated wastewater from our flue gas desulfurization system that is scheduled to become operational in the fourth quarter of this year. With the issuance of a permit and/or contract by the City outlining the terms of service and financial compensation, it is our intention to transport treated wastewater by tanker truck to the Lowell treatment facility seven days per week, over 24 hours each day.

As presented in our attached application, we are installing a technologically advanced wastewater treatment system. In addition, we are including post-treatment systems that can be used to reduce the volume of the treated waste stream from 70,000 gallons per day (gpd) to as small a volume as 5,000 gpd. These post-treatment systems are anticipated to be operational by January 1, 2012. With these post-treatment systems, we will have the ability to reduce the volume of wastewater while maintaining concentrations of pollutants that are compatible with your treatment system. While our goal is to gain approval to discharge all the wastewater we generate, we recognize that there may be restrictions at your facility and that only a portion of the total discharge could be accepted. This scenario has been considered in our overall wastewater management strategy.

During the course of performing your evaluation process, GZA and PSNH will be available to provide additional information and technical support.

We trust that this submittal adequately address your informational needs. Should you have any questions, please contact Mr. Ronald Breton at 603-232-8744 or me at 603-224-4081 extension 4130.

Sincerely,



Harold Keyes, Station Manager  
PUBLIC SERVICE OF NEW HAMPSHIRE

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Attachment(s)