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May 28, 2010

Ms. Carolyn Olynyk
Bureau of Water Allocation
NJ Department of Environmental Protection
401 E. State Street - PO Box 426
Trenton, NJ 08625-0426



RE: **Program Interest No. 5103**
Activity No. WCP090001
PWSID No. NJ1427015
Proposed Water Allocation Permit Major Modification
Water Allocation Element of HPA
Township of Mt. Olive
Our Project Number 09.00001.06

Dear Ms. Olynyk:

Herein, Birdsall Engineering undertakes to respond to your letter dated Sep 23, 2009 (addressed to David Scapicchio, Mayor, Township of Mt. Olive). The letter gave administrative and technical comments regarding a Major Modification application for the Township's existing Water Allocation Permit. To reiterate the intent of the effort, the goals of this application are as follows:

- Transfer all existing sources from WUR030001 (Program Interest ID No. 11214W) into Mt. Olive Township's primary Water Allocation Permit (Program Interest ID No. 5103).
- Convert the status of Well No. 2500060670 (locally "Turkey Brook Park Well No. 2") from "Irrigation" to "Public Community Water Supply".

Responses to your specific comments are as follows:

1. **Application Fee:** Your letter asserts correctly that the fee for a Highlands Class 3 Groundwater Application is \$10,425.00. However, the Township of Mt. Olive seeks zero (0) net increase in monthly or annual allocation. Rather, regulatory authority is requested for transfer of existing sources (permitted under a WUR) to an existing WAP. Administrative status change for a single source (TBPW2) is requested – the basis of the requirement for a major modification. Based on the pumping capacity of TBPW2 (35 gpm) and the fee table at NJAC 7:38-10.2, Part g.3.vi, the application fee check was calculated a Class 1 Groundwater modification, the fee for which is \$7,190.00, as submitted. Therefore, CMX respectfully requests that the Bureau proceed with its review based on the existing fee check.
2. **Aquifer Test and Technical Report:** An aquifer test was initiated by a licensed master well driller on Apr 26, 2010, based on an approved aquifer test plan for Turkey Brook Well No. 2. A hydrogeologic report has been prepared based on this data, according to the guidelines given in NJGS Geological

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Survey Report GSR29, Section III ("Final Hydrogeologic Report"). Provisions have been made in the report to address the specific technical criteria given in your letter, as listed at NJAC 7:38-3.2(b).

3. Submit a Current Application: A revised application has been prepared and is attached, with the intent of addressing the administrative and technical deficiencies cited in your letter.

By copy of this letter to the Bureau of Water Systems and Well Permitting, submission of this application and fulfills specific timing requirements for data transmittal, listed in Administrative Consent Order EA ID# PEA080008-1427002 (dated Jan 22, 2010), Page 7, Item 43.B. By copy to the Bureau of Water Allocation, this application concurrently fulfills similar timing requirements for data transmittal listed in Emergency HPAA, DLUR File No. 1427-07-0005.1 (SHR 090001), dated Mar 8, 2010, Page 2, Items 2 and 3.

We trust that the items listed in your letter represent the entirety of the Bureau's comments regarding the subject application, and look forward the resolution of the subject project in a manner acceptable to all involved parties. Please contact me directly at (732) 380-1700, should you wish to discuss any of the above in further detail, and thank you for your consideration in this matter.

Very truly yours,

BIRDSALL ENGINEERING, Inc.



Patrick K. Cole, P.E.
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