



Marlinda Dunicanson  
Mayor

## City of Middletown

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Established 1888

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May 2, 2008

Mr. Willie Janeway, Regional Director  
NYSDEC - Region 3  
21 South Putt Corners Road  
New Paltz, NY 12561

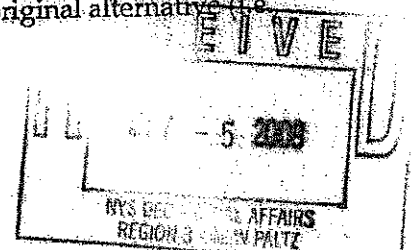
Re: City of Middletown Sewage Treatment Plant, Order on Consent Schedule  
SPDES #NY 0026328  
Order on Consent # R3-20040308-27

Dear Mr. Janeway:

I would like to take this opportunity to request that the City of Middletown's Order on Consent (see attached Schedule A) for the Sewage Treatment Plant Upgrade/Expansion construction be modified in accordance with the City's current design approach that is nearly 60 percent complete. It's proposed that construction start and completion dates be modified to February 16, 2009 and February 16, 2011, respectively. It should be noted that the City's Sewage Treatment Plant has met all interim effluent permit limits, SPDES effluent permit limits and associated monitoring requirements. The City has also addressed the inflow/infiltration items listed in the Schedule A, Order on Consent.

The City originally conceived of an advanced biological aerated filters (BAF) type treatment process back in 2005 for the City's expansion and upgrade. However, during final design a BAF second stage was found to be required to meet the City's future UOD effluent permit limits and design was modified based on higher perceived capital construction and operational costs.

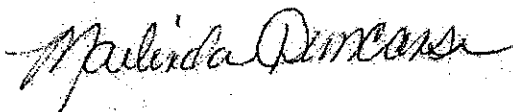
Furthermore, a teleconference was held between the NYSDEC, NYSEFC, City of Middletown and CDM on February 13, 2008, to discuss the advantages of constructing new aeration tanks, in lieu of retrofitting the existing oxidation ditches and associated aeration equipment (see attached City of Middletown letter dated February 25, 2008). The new aeration tank design alternative was conceived during initial stages of detailed final design to reduce the wastewater treatment facility's long term energy use and associated operating cost. In addition our Engineer Camp Dresser & McKee (CDM) sought to reduce impact on the operations of the existing facilities during construction of improvements. A preliminary construction cost estimate was prepared for the new aeration tanks and was presented to the City Council on December 18, 2007 by CDM in comparison to the original alternative (i.e. retrofit of existing tanks versus constructing new tanks).



Based on the forgoing, we expect that the new aeration tanks will reduce aeration tank energy use by approximately 50% and will also simplify the maintenance of plant operations during construction. On January 7, 2008, the City passed a resolution for the new aeration tanks design and construction authorizing CDM to proceed with the design of new aeration tanks.

Construction bidding will commence as soon as the necessary regulatory approvals are received from NYSDEC and NYSEFC. The revised project schedule is attached. We appreciate your consideration in this matter and if you should have any questions please feel free to contact myself or the City's Commissioner of Public Works, Mr. Jacob S. Tawil at (845) 346-4121.

Very truly yours,



Marlinda Duncanson  
Mayor City of Middletown

Attachments (3)

cc: T. Rudolph, NYSDEC (w/ attachments)  
P. Ferracane, NYSDEC (w/ attachments)  
M. Cherian, NYSDEC (w/ attachments)  
J. Parker, RA (w/ attachments) ✓  
J. Battista, REC (w/ attachments)  
R. Sammons, NYSEFC (w/ attachments)  
C. Webber, Bureau of Water Permits (w/ attachments)  
M. Streeter, Bureau of Water Compliance (w/ attachments)  
J. Tawil, City of Middletown Commissioner of Public Works (w/ attachments)  
A. Smith, City of Middletown Corporation Counsel  
W. Gettings, CDM (w/ attachments)