



September 28, 2010

Laura Weber, P.E. Environmental Engineer
Ohio EPA
2110 East Aurora Road
Twinsburg, OH 44087

RE: Middlefield Cheese Original Co-Op Issues

Dear Ms. Weber,

This letter is in response to your September 20, 2010 correspondence as to non-compliance of their treatment plant and improvements to bring the system back into compliance. I will be working with Mr. Tony Picone of Western reserve Consultants to evaluate the system and make recommendations to upgrade the system to bring the system back to the original design. For your information, the original design had specified fine bubbler diffusers at some point. Prior to our involvement, the diffuser system was changed to course air diffuser. The reason is unclear to me. Therefore, we propose to return the diffusion system to fine sair. Additionally, we propose to install post aeration in the existing UV Tank. We will also comply with your request to perform the following investigations:

- 1) Determine the hydraulic volume of the influent based on design average and peak flows
- 2) Determine organic waste load of the influent
- 3) Determine amount of air supplied to each treatment unit.
- 4) Current operational and structural condition of each process unit, which will include the design hydraulic and organic loading capacity of the system.

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SERVICES, INC.

It is understood that your office will be conducting a follow-up inspection of the constructed wetlands. Finally, I have included some of the original design criteria for your review.

Should you have any comments, please feel free to contact me.

Sincerely,

Steve Howe
Chief of Operations

cc: Tony Picone
Western Reserve Consultants

Nevin Byler
Middlefield Original Cheese Co-Op

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