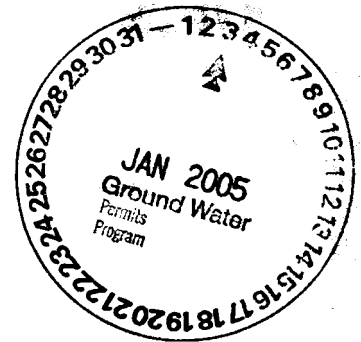


December 30, 2004

Ching-Tzone Tien, Ph.D., P.E.
Chief, Groundwater Discharge Permits Division
Maryland Department of the Environment
1800 Washington Blvd.
Baltimore, MD 21230



Dear Dr. Tien:

Thank you for your time at our meeting on December 29, 2004. We generally discussed the groundwater permit renewal for the Town of Centreville.

Please accept this letter as a restatement of our understanding of the major points discussed:

- 1 The water quality now attained by the new treatment plant can meet the MDE's requirements of "reclaimed water" with BOD and TSS less than 10 mg/l and Fecal Coliform less than 3.
2. Centreville plans to increase flows to the existing spray site while still meeting all MDE requirements. We have investigated doing so in phases. The first phase does not include more pipe or equipment but adjusts the "reach" of the center pivot's application areas. We feel Phase I can increase the rated flow to the site by approximately 42,000 gpd. (We will provide information to support this with the Permit Renewal Application to follow this letter.) Dr. Tien stated that it would be acceptable to submit the renewal application up to a month beyond the permit expiration since we are proposing amendments to the permit.

The second phase would be a rerating of the field by adding irrigation piping and sprinklers to "file in" the unused interstices among the present center pivots. Also, the buffers may be decreased because the water quality exceeds "reclaimed water" requirements. This would be done after the permit is renewed since more information must be generated to quantify the additional capacity.

Finally, a future third phase may be requested that may modify application rates based on actual field data taken over the next irrigation season. This data would be reviewed to see if capacities could be increased.

3. The permit can be changed to allow wintertime irrigation if weather, soil and groundwater conditions are acceptable. This will be requested as part of Phase I (discussed above).
4. In the future, the spray irrigation system may be allowed to have a capacity increase due to wintertime irrigation. Calculations for this rated capacity would follow the EPA's Land Application Manual with data from Chestertown, Maryland.
5. Based on data from the operation influent flowmeter, the peaking factor is lower than the original design considered. Therefore, the Town will approach MDE to get a separate rerate for the treatment facility based on the newly constructed system considering actual inflow.