

Technical Memorandum Name: Partially Mixed Facultative Pond, March 2008
Commenter: TAC Environmental Working Group
Comments Date: June 24, 2008
Responses Date: July 3, 2008

The following comments were submitted in response to the above listed Technical Memorandum (TM). The TM was developed as part of the EIR process for the project, in order to help facilitate and broaden the discussion of project issues important to the community. The responses should be considered preliminary because the EIR process is not complete, and the information necessary to fully respond has not yet been developed. The project team is grateful to those citizens who took the time to review the TM and provide comments at this early stage in the process. The project team will endeavor to fully address the comments and concerns through the on-going project development process.

	Comment	Response
1	How is the residence time in the ponds affected by the increased volumes generated during the winter months?	The residence time would be shorter during periods of higher flows, but pond design must include adequate hydraulic and solids residence time to allow for full treatment of the wastewater for the higher flows anticipated during wet weather.
2	How is the residence time in the ponds affected by the spatial configuration and capacity of the ponds?	The hydraulic residence time is directly related to the volume of the pond cells.
3	The EIR must address environmental impacts to agricultural lands for those the sites located out of town and must include mitigation measures for those impacts.	Comment noted.
4	It is not clear that the analysis of Infiltration/Exfiltration distinguishes between the impacts from the different collection systems proposed.	Tables 2 and 3 of the tech memo estimate the different requirements for footprint, energy use, and costs associated with inflow from gravity and STEP collection systems.
5	Although ponds require a larger footprint, they appear to be a desirable treatment option because of the low volume of sludge produced and the low carbon footprint.	See comment #3 above. The EIR must analyze the potential impacts of pond treatment systems for many different criteria, including land use, sludge handling, and carbon footprint.