

Technical Memorandum Name: Low Pressure Collection System, January 2008
Commenter: Don Bearden
Comments Date: January 23, 2008
Responses Date: March 27, 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	Page 2 Figure 1 - Figure shows two drains outside the building, one with a P-trap and one without. What are these for?	The drains represent clean-outs for the house lateral.
2	Page 10 Figure 2 - House #2 seems to have the Homeowner's responsibility and the Project responsibility backwards.	Comment noted. This is an error.
3	Page 13 Figure 3 - I think you need to add two more Homeowner responsibilities: (1) Install electrical connection between home and grinder pump, and (2) Have existing septic tank pumped empty prior to backfill.	For purposes of this TM and the Fine Screening Report, the electrical connections are assumed to be a project cost and responsibility. It is important to note that these costs are estimated and included in the total project costs, but final allocation of costs on some details of responsibility for costs may change. Septic tank pumping is included in the cost estimates for abandoning existing septic tanks.
4	Pages 15, 16 Tables 4, 5, & 6 - I think the estimated cost of \$300 to Abandon Existing Septic Tank is too low. I estimate a total cost of \$800 to Abandon Existing Septic Tank, broken down as follows: \$500 to locate, expose lids, and pump existing tank empty, + \$300 to punch holes in bottom of tank, break up and collapse top of tank, and backfill tank with existing fill.	The cost estimates are based on estimates from local contractors. It is reasonable to assume that there will be some costs savings when abandoning several thousand septic tanks in a short time, however contingency costs have been added to the overall estimates to allow for uncertainties.
5	Page 16 Table 7 - Pumping out 4769 existing septic tanks at \$500 per tank prior to abandonment can add 2.4 million to the total cost.	See above, this potential cost is within the range of cost estimates for the collection system and the contingency costs.