TAC Meeting – September 18, 2007
Announcements from the Chair

This evening we plan to complete and accept the TAC's Pro/Con Analysis of Sample Projects and have a short discussion on our role in the Los Osos Wastewater Project Community Open House scheduled for Saturday, September 29, from 1:00 to 5:00 PM at Sunnyside School on Los Osos Valley road.

Public comments and questions will be taken after a discussion by the TAC. At that time only comments and questions pertaining to the TAC discussion will be allowed. I will call for all slips to be submitted before we begin your comments. Once public comment begins, in order to keep our meeting on schedule, we will stop accepting new slips for that item, so please get your slips in to us if you wish to speak.

After the comment period we will make agreed upon modifications to our report and vote on its adoption.

If you have any other comment or question relating to the TAC and it role there will be a second public input period at the end of the meeting.

Please be sure and fill out Public Input slips and hand them in to Diana of the project staff and, if you wish to speak in both comment periods, I would appreciate it if you submit two slips.

Again for those watching this meeting remember to mark your calendars for the Community Open House on Saturday, September 29, from 1:00 to 5:00 PM at the Sunnyside School on LOVR.

Submitted by Bill Barfinkel
9/18/07

Questions for the TAC and County Team
(Primarily addressed to Rob Miller and John Waddell or Paavo Ogren)
Submitted by Keith Wimer 9/18/07
Please respond on 9/18/07

1. What causes SSO's (Sanitary Sewer Overflows) and are gravity systems more prone to SSO's than STEP systems? Explain.

2. Can you completely rule out exfiltration from a gravity system, and is it more likely from a gravity system than a STEP or other pressurized system?

3. Is it easier to detect and fix a leak in a STEP main or a gravity main (considering that one is pressurized and the other not, one is on average 4' deep and other 10', and one has larger diameter pipes).

4. Is the Los Osos soil prone to liquefaction during EQ's and will that make leaks in a system more likely?

5. In the 2001 EIR, I noticed that the STEP system considered seemed to be a system with a large gravity or STEG component that included a number of community tanks. Is there a plan lying around for such a system, and if not, could part of the current gravity design be used as a basis for a hybrid system, in which gravity lines move wastewater to group STEP tanks, placed in easements, vacant lots, and/or on the property set aside for gravity lift stations?

6. Where is Dr. T's review of the Rough Screening Report? Paavo said at the last Townhall meeting that it would be made public.

7. Will the TAC be putting together its own viable alternatives and/or presenting a list of options for value engineering/project cost savings? What is the TAC's exact duties from here on in?

STEP has higher O & M costs than gravity when denitrification O&M is added, and results in greater construction and other impacts on individual property, with the STEP tank installation, greater yard restoration after installation, on-going maintenance of on-lot components, and 2-25 year tank pumping. Odors are possible from the system's air-release vents (about 500 spaced throughout the community) if not properly maintained.

**Note: The manholes for a gravity system (with number of manholes mentioned) should also be mentioned as possible sources of odor if not properly maintained.

submitted by
keith Wimer
9/18/07

Many professional engineers, as well as local agencies, have had many questions about the provisions of the laws pertaining to the signing and sealing (or stamping) of civil (including structural and geotechnical), electrical, and/or mechanical engineering documents (including plans, drawings, calculations, reports, letters, and any other documents containing engineering opinions, analyses, etc.). The laws that govern the signing and sealing of civil, electrical, and mechanical engineering documents are contained in Business and Professions Code sections 6735, 6735.3, and 6735.4 and in Board Rule 411. In general, these laws require and permit the following:

- **ALL** documents (interim and final) must bear the name and license number of the professional engineer in responsible charge. Many professional engineers choose to place their seal on all documents since the seal contains both their name and their license number.
- INTERIM (non-final) documents must also contain a statement or notation as to their intended purpose, such as "for review only," "not for construction," "for bid only," or "draft." This statement or notation is often referred to as the "interim notation."
- FINAL (permitted and/or released for construction) documents must also bear the signature of the professional engineer and the date of signing along with the professional engineer's seal.

The law does **NOT** prohibit professional engineers from signing and sealing interim documents. As long as the documents contain the "interim notation" as required, then those documents are considered interim (not final) even if they contain the professional engineer's signature and stamp.

Professional engineers may choose to affix their signatures and seals to their

Submitted by Gail McPherson 9/18/07