

# LOS OSOS WASTEWATER PROJECT TECHNICAL ADVISORY COMMITTEE

San Luis Obispo County Department of Public Works



## Meeting Minutes

Monday, June 18, 2007

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- 1) Call to Order/ Roll Call: approximately 7:03 pm, Chairman Garfinkel calls meeting to order. Absent: John Brady.
- 2) Agenda Item 1, Approval of Minutes from previous meeting: Item postponed until next meeting June 26, 2007. **No action taken.**
- 3) Agenda Item 2, Pro/Con analysis of Treatment Technology Alternatives: Opening comments by Chairman Garfinkel. Discusses progress of Pro/Con analysis; new procedure of meeting; and County Town Hall Meeting on Tuesday, June 19, 2007 **(attached)**.

Rob Miller gives a brief presentation on the different technologies considered in the Draft Fine Screening Report. Those technologies are: Biolac, Oxidation Ditch, Partially Mixed Facultative Ponds and Membrane Bio-Reactor **(attached)**.

### Working group reports:

- a. Engineering and Water Resources working group: Discussion and written summary of pro/con analysis of treatment technologies from working group meeting on June 13, 2007 **(attached)**.
- b. Environmental working group: Discussion and written summary of pro/con analysis of treatment technologies from working group meeting on June 13, 2007 **(attached)**.
- c. Finance working group: Discussion and written summary of pro/con analysis of treatment technologies from working group meeting on June 13, 2007 **(attached)**.

### Public comment on Agenda Item 2:

Keith Wimer: Discussion of previous minutes, project process, operation and maintenance cost estimates, emerging contaminants, and risk of spills.

James Tkach: Discussion of Tri-W information in Chapter 4 of Draft Fine screening Report.

Dave Duggan: Discussion of MBR technology at the Tri-W project.

Bo Cooper: Discussion of financial pro/con analysis, and Appendix C: “Basis of Cost Memo” in the Draft Fine Screening Report.

Linde Owen: Discussion of estimated nitrate levels with STEP system effluent, gravity systems, environmental working group pro/con analysis, mitigation requirements at Broderson, and pond treatment systems.

Al Barrow: Submits documents on Nelson ponds, private funding, drilling costs, nitrogen in STEP pipe flow (**attached**).

Frank Ausilio: Discussion of financial cost estimates, hauling costs and technologies, potential grants for various technologies, risks of power failures.

Lacey Cooper: Discussion of energy use and costs for different treatment technologies, estimated operation and maintenance costs, potential for odors and airborne pathogens.

Richard Margetson: Discussion of copies of working group reports for public, operation and maintenance estimates for Tri-W, assumptions made for cost estimates.

Anne Norment: Discussion of energy use costs, criteria for environmental working group pro/con analysis.

Lawson Schaller: Discussion of copies of working group reports for public, ag reuse, nitrate requirements, energy costs, land costs, bio-solids handling cost, and environmental criteria.

Alon Perman: Discussion of a written document by Gordon Taylor.

Advisory committee response to public comment: discusses treatment system cost estimates, nitrogen concentration in groundwater related to collection system technology, Nelson ponds and nitrification, backup systems for emergency power, and energy usage for MBR treatment process.

Advisory committee discusses chemical requirements of various treatment technologies, siting, energy use, source of electricity, airborne pathogens and odor control, consideration of global warming, carbon footprint, sensitivity analysis for future flexibility, cost assumptions, information on Tri-W project, flow assumptions, and construction phase impacts.

Discussion of report format, comparison of components vs. comparison of projects, level of detail in working group reports, updates to the working draft of the advisory committee pro/con analysis report. **No action taken.**

## Public Comments

Linde Owen: Discussion of Broderson for disposal, project process, collection systems, and Tri-W project.

Dave Duggan: Discussion of Tri-W project and Coastal Commission permits related to the urban reserve line.

George Taylor: Discussion of audience copy of working group reports, microphones at meeting, and review of previous projects.

Al Barrow: Discussion of flow assumptions, Dr. Ruehr as a potential member of the environmental working group, and private industry contracting.

Frank Ausilio: Discussion of technologies for electricity generation, potential grants for green technologies, potential community garden at treatment plant site, and emergency power backup systems.

James Tkach: Discussion of information on the Tri-W project, flow estimates, future population growth.

Richard Margetson: Discussion of electricity costs, flow estimates, and buildout considerations.

Keith Wimer: Discussion of Tri-W project information, audience copy of working group reports, Broderson disposal site, denitrification and future requirements, complexity of components, and removal of pharmaceutical chemicals.

Lacey Cooper: Discussion of audience copy of working group reports , Tri-W project information, and Dr. Ruehr as a potential member of the environmental working group.

Bo Cooper: Discussion of Tri-W project information, Dr. Ruehr as a potential member of the environmental working group, buildout flow estimates, affordability, and previous project EIR.

Chris Allebe: Discussion of water reuse and mitigation.

Lisa Schicker: Discussion of Tri-W project information and energy costs.

Alon Perlman: Discussion of meeting process and posting of TAC applications for environmental working group vacancy on the project website.

- 4) Date of next advisory committee meeting: Tuesday, June 26, 2007 at 7:00 pm in Los Osos at the South Bay Community Center.
- 5) Meeting adjourns at approximately 9:47 pm.