

# LOS OSOS WASTEWATER PROJECT TECHNICAL ADVISORY COMMITTEE

San Luis Obispo County Department of Public Works



**Meeting Minutes**

**Monday, May 12, 2008**

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Call to Order/ Roll Call: approximately 7:07 pm, Chairman Garfinkel calls meeting to order. Absent: Marshall Ochylski, Lee Ferrero and Karen Venditti. Opening comments by Chairman Garfinkel (**see attached**). Discusses meeting format and water conservation. John Waddell discusses peer review panel and aerial photo survey. Mark Hutchinson provides an update on EIR work progress. John Waddell provides an update on design build approach (**see attached**). Rob Shipe discusses design build RFQ/RFP timing, aerial photo survey, community survey & assessment bonds. David Dubbink discusses peer review and STEP/STEG tank.

- 1) Agenda Item 1, Accept minutes from April 7, 2008 meeting. **Rob Shipe motions to accept minutes and John Brady second. Motion carries.**
- 2) Agenda Item 2, Discussion of the Project Technical Memo titled "Effluent Reuse & Disposal Alternatives"; John Waddell provides an introduction to the technical memo.

Environmental committee discusses setbacks from streams, spray fields, Broderson leach fields, wetlands and infiltration rates. Engineering committee discusses water purveyor cooperation, injection wells, urban reuse, disposal flexibility & level of treatment, history of Broderson site testing, liquefaction potential, spray fields impacts, and quality of effluent for urban reuse. Finance committee discusses distance from Giacomazzi to Tonini site, school district installing upper zone wells and urban/agricultural reuse options.

#### Public Comment

Al Barrow: Discusses cost of nitrogen treatment, Fugro's study on Broderson and use of high nitrogen water for irrigation.

Gail McPherson: Discusses previous testing of Broderson site, AB 885 regulations and agricultural exchange. (**see attached**)

Keith Wimer: Discusses sustainability, Broderson disposal and urban reuse option.

Frank Ausilio: Discusses decentralized treatment, treated wastewater ownership, injection wells and future legislation.

Thomas Ruehr: Discusses Broderson site disposal related to past testing by Fugro and others. **(see attached)**

Chuck Cesena: Discusses Broderson site disposal, reuse and disposal in design build process and water purveyor cooperation.

Mary Fullwood: Discusses centralized & decentralized treatment in relation to this tech memo, urban reuse option and Broderson site disposal.

Linde Owen: Discusses Broderson site disposal, pumping cost, liquefaction potential, water conservation and seawater intrusion mitigation.

Lawson Schaller: Discusses disposal flexibility, Broderson site and liquefaction potential, wetlands options and Clayton County, Georgia example.

Richard Margetson: Discusses rate increase due to water conservation, urban water management plan, future population estimates and infiltration and inflow assumptions.

Alon Perlman: Discusses Broderson capacity, global warming impacts and nitrate transport.

- 3) Agenda Item 3, Discussion of the Project Technical Memo titled “Partially Mixed Facultative Pond Options”; John Waddell provides an introduction to the technical memo

Engineering committee discusses low bio-solids production, additional treatment required for denitrification, operation and maintenance requirements and visual impacts. Finance committee discusses potential energy cost, inflation project cost and lining of ponds. Environmental committee discusses site and acreage requirements and energy cost estimates for denitrification.

#### Public Comment

Gail McPherson: Discusses solids capacity, ability for septage receiving and energy usage requirements.

Al Barrow: Discusses pond treatment with denitrifying sand filter sustainability, cost of concrete and steel.

Frank Ausilio: Discusses carbon footprint comparison, energy consumption and energy prices.

Lawson Schaller: Discusses energy cost estimate, use of renewable energy, non-aerated ponds and comparison of cost estimates.

Mary Fullwood: Discusses Jon Todd's upcoming visit to Los Osos and algae sequestering for bio-diesel.

Linde Owen: Discusses treatment of raw sewage versus septic tank effluent, operations during power outage and potential for solar energy.

4) Agenda Item 5, General Public Comment

Public Comment

Gail McPherson: Discusses upcoming design build conference at Cal Poly.

Al Barrow: Discusses gray water reuse and solar energy.

Alon Perlman: Discusses LOCAC election, pond treatment and Broderson site disposal.

Linde Owen: Discusses holistic project approach, phasing of project process and windmills for energy production.

Frank Ausilio: Discusses estimated cost of imported water presented in technical memo and AB 2701.

5) Date of next advisory committee meeting: Monday, June 9, 2008 at 7:00 pm in Los Osos at the South Bay Community Center.

6) Meeting adjourns at approximately 9:55 pm.