

**CARPINTERIA SANITARY DISTRICT  
IN THE  
COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA**

**MINUTES**

These are the **minutes** of the **regular** meeting of the Governing Board of the Carpinteria Sanitary District in the City of Carpinteria, County of Santa Barbara, and State of California.

The Governing Board of the Carpinteria Sanitary District held a regular meeting on **July 19, 2011**, at 5:30 p.m. at its District administrative office located at 5300 Sixth Street, Carpinteria, California.

Directors Present: Lin Graf– President  
Michael Damron – President Pro-Tem  
Pat Horwitz – Treasurer  
Jeff Moorhouse – Secretary  
Mike Modugno – Secretary Pro-Tem

Staff Present: Craig Murray – General Manager  
Judy Kirkman – Board Clerk  
Hamid Hosseini – Finance Director

Legal Counsel  
Present: Anthony Trembley

Public Present: None

President Graf called the meeting to order and asked Director Damron to lead the Board and staff in the Pledge of Allegiance.

**Board Approval of Agenda** - President Graf asked if there were any modifications and/or changes to the agenda. The order of the Agenda was modified by the Board President. The **Committee Reports** and **General Items** were moved up on the Agenda to be heard after the **General Manager's Status Report**. The **Solids Handling Facilities Planning and Project Development** was moved to be heard at the end of the Agenda after the **Wastewater Treatment Facility Tour** item.

**Minutes of the July 5, 2011 Board Meeting** – Not available.

**Public Forum** – None

**General Manager's Status Report** – General Manager reported on the following: **Quarterly Incident Report** – The Quarterly Incident Report for the period April – June was presented to the Board. This report detailed incidents, complaints and other customer interactions received during this period. General Manager said the incident that occurred on July 4, 2011 that was reported to the Board at the last meeting would be on the next quarterly report; **Office Manager Recruitment Update** – Following a series of candidate

interviews on July 12, 2011, an offer was extended to the top ranked candidate. We hope to make an announcement of the new Office Manager/Board Clerk soon;

**Permitting/Inspection Activities** – Staff attended the pre-construction conference for the Lagunitas Residential Development on July 13<sup>th</sup>. Work to realign the District’s sewer in this area is expected to commence shortly. Staff met with the architect and staff from the Carpinteria Unified School District to suggest some minor changes to exterior plumbing from the Carpinteria High School Culinary Arts Kitchen upgrade project. Modifications were made that are protective of the District’s downstream collection system; two capital projects are out to bid with each having a bid opening scheduled for August 4<sup>th</sup>; the treatment plant and collection system are both operating in compliance with applicable permits; startup activities for the new rotary screw press are scheduled for the coming week.

**Finance Committee** – Director Horwitz reported that the Finance Committee met on Monday, July 18, 2011 and went over the monthly budget and quarterly financial report. The committee reviewed the Santa Barbara County Property Tax and SSC Report, and went over the FY 2010/2011 Audit Schedule.

**Personnel Committee** – Director Moorhouse reported the Personnel Committee met and interviewed for the Office Manager/Board Clerk vacancy. Director Moorhouse said the General Manager had reported on this item earlier.

**Public Relations Committee** – Did not meet.

**CASA Legislative Committee Report** – Director Moorhouse said the CASA Conference was coming up in August and it should be a good one.

**SBCSDA Report** – Director Moorhouse said the SBCSDA would be meeting next Monday, and Joanie Grey would be speaking.

**LAFCO Report** – Director Moorhouse said LAFCO would be meeting next week.

**Wastewater Treatment Facility Tour** – President Graf adjourned the meeting and staff and the Board walked over to the wastewater treatment facility located at 5351 Sixth Street for a site tour. The District’s Operations Manager led the Board and staff on the tour to view the following:

- Recently completed SCADA System Upgrade Project
- Completed installation of the Huber Rotary Screw Press
- Existing digester tanks and associated system

**Reconvene meeting at 5300 Sixth Street at 6:32 p.m.**

**Solids Handling Facilities Planning and Project Development** – General Manager said the District upgraded the wastewater treatment facility in the mid 1990’s that included replacement of a majority of the treatment infrastructure and mechanical systems. General Manager said two existing anaerobic digester tanks constructed in 1951 and 1960 were retained and not improved during the upgrade. The larger of the two tanks, Digester #1, was converted from anaerobic digestion to aerobic digestion and at the same time the smaller tank, Digester #2, was taken out of service and left half full of sludge. General Manager said presently Digester #1 operates continuously with no redundancy and an aeration system that is of inferior design and construction. General Manager said it was prone to foaming and mixing was inadequate. Further problems involve not being able to clean the digester when

it's in operation, resulting in inert solids accumulating within the tank affecting its performance. General Manager reviewed the Solids Handling Master Plan study in 2007 performed by Carollo Engineers that looked at general solids handling issues over the long term, including end use options. The study determined that continuation of off-site composting was the most cost effective and viable solution.

General Manager said Carollo completed a follow on study and prepared a Solids Handling Facilities Planning report in June 2011. General Manager said the Carollo study considered two options that utilized the existing tanks and two options that involved construction of a new digester tank.

- Option A – repair corrosion damage, configure for parallel or redundant operation
- Option B – repair corrosion damage, seismic retrofit, configure for series operation
- Option C1 – construct new circular pre-stressed concrete digester
- Option C2 – construct new rectangular concrete digester with multiple compartments

General Manager said estimated capital costs ranged from \$1.13M to \$1.57M, and Carollo's recommendation was to implement Option C2, as it would provide the greatest level of operational flexibility, the longest service life and would allow for integration with existing gallery piping.

General Manager said after additional consideration, District staff elected to evaluate a lower cost approach to the project which involved removal of the roofs of each existing tank and full rehabilitation/replacement of the aeration grids and system piping. The District engaged Penfield & Smith to perform a preliminary structural analysis which determined that removing the roof structures was a viable approach with the addition of concrete perimeter walkways. This project concept was discussed with Cushman Contracting Corporation who subsequently provided an informal budgetary estimate of \$700,000 for the work. General Manager indicated that this approach would not achieve current seismic code compliance but would meet operational needs at the lowest overall cost.

After touring the treatment plant facilities and considering staff's report on the Solids Handling Facilities Planning and Project Development, the Board discussed the options presented. There was general concurrence that the existing structures had reached the end of their anticipated service life and their condition and appearance was exceedingly poor as compared to the remainder of the plant. Director Moorhouse suggested that staff pursue all available grant funding opportunities and that the District move towards construction of a new rectangular digester based on Carollo's recommendation. This would result in the longest service life with the greatest operational flexibility and greatest likelihood to achieve compliance with future regulations or permit limits. After extended discussion, the Board directed staff to pursue Option C2.

**Adjournment.** There being no further items to discuss, President Graf adjourned the meeting at 7:12 p.m.

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Lin Graf  
President

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Mike Modugno  
Secretary Pro-Tem

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Michael Damron  
President Pro-Tem

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Jeff Moorhouse  
Secretary

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Pat Horwitz  
Treasurer