

TWIN OAKS VALLEY WATER TREATMENT PLANT

Meeting Summary

DATE: Nov. 15, 2006 **TIME:** 6:30 p.m.

ORGANIZATION: Twin Oaks Valley Community Sponsor Group

MEETING LOCATION: Twin Oaks High School

ATTENDANCE: 40

PRESENTERS: Gina Molise, San Diego County Water Authority
Tim Suydam, San Diego County Water Authority
Dennis Nelson, CH2M Hill

STAFF RESOURCES: Jeremy Crutchfield, San Diego County Water Authority
Dan Wetstein, CH2M Hill
Bob McKay, CH2M Hill
Jen Shira, Katz & Associates

PRESENTATION SUMMARY:

Gina Molise thanked the Twin Oaks Valley Sponsor Group for allowing the Water Authority to present an update on the Twin Oaks Valley Water Treatment Plant. She then introduced the project team in attendance and reviewed the agenda. The presentation included updates on the status of the project, plant aesthetics, and community issues. Gina provided a brief project background and concluded by saying that the project team has received very few project information line calls regarding this project. She then turned over the presentation to Project Manager Tim Suydam.

Tim Suydam provided several photos of the project site. He familiarized the group with the site using the photos and provided a brief description of the water treatment process. Tim explained the Water Authority has hired CH2M Hill to design, build, and operate the treatment plant, and asked Dennis Nelson from CH2M Hill to provide an update on the project status.

Dennis Nelson also showed several photos of construction progress from January 2006 through October 2006. He explained 24-hour work will begin on Nov. 27 and continue through Dec. 7, 2006. This work is necessary to complete the pipeline connection from the water treatment plant to the existing Pipeline 4, which delivers treated water to San Diego County. The work has to occur during this period of time to coincide with the scheduled shutdown of Pipeline 4. During the 24-hour work, there will be crews of approximately 15-20 workers at the site at all times. Dennis added that there will be extended work hours at the site prior to the shutdown to prepare for this round-the-clock work. He said that the Water Authority and CH2M Hill are taking the necessary noise prevention and monitoring measures at the site to minimize noise disturbances to neighboring residents. A sound wall and sound blankets will be installed for duration of 24-hour work.

Tim Suydam continued the presentation with a discussion of the aesthetics of the plant. He showed an artist's rendering of the completed site and pointed out that the structures were broken up into smaller buildings to better fit in with its surroundings. He added that there will be a lot of landscaping to further aid in the plant's rural appearance.

Tim Suydam then reviewed the community issues and concerns, which included noise, traffic, and stray dogs. He said that the Water Authority currently is meeting all noise requirements within the county ordinance. He said that the signal that has been installed at Twin Oaks Valley Road and Deer Springs makes the area safer for vehicles turning left at that intersection. CH2M Hill's agreement with Vallecitos Water District to use the backfill from their current project has lessened the truck traffic considerably. Lastly he informed the group of a problem the crew has been experiencing with stray dogs on the site. Gina Molise said that the Water Authority is looking into ways to address this and will continue to update the community.

Questions and Comments During the Presentation:

Q1. Henry Palmer asked what type of sterilization will be used at the treatment plant. Will there be ozone byproducts? What will come out of the fiber filters and how are they cleaned?

A1. Dan Wetstein, CH2M Hill, replied that the byproduct is dependent on what is removed from the water. He added that ozone is simply a strong oxidizer and does not result in any byproduct. He said it is more likely that bromide is removed from the water. Currently there are mitigation measures in places to address this byproduct.

Dan explained that the fiber filter membranes will remove particulate matter, and bacteria and viruses to some degree, which are treated on-site.

Q2. Henry Palmer continued and asked if the crews are working overtime because the project is currently behind schedule.

A2. Tim Suydam responded that the project's schedule is based on the very critical need for this water treatment plant, and the overtime work is based on that factor.

Q3. Gil Jemmott asked if the Water Authority would be working to get the truck and other "loud" materials moved during the day so they would be prepped for the night work rather than trucking in materials during the night.

A3. Tim Suydam said they plan to get the trucks and materials into position during the day and do most of the work during the day and leave the welding for night.

Q4. Gil Jemmott asked if there will be a sound attenuator during the night work.

A4. Dennis Nelson said the entire work site will be surrounded by a sound wall. Workers will not use truck-mounted welders at night; rather, they will be using special welding machines that are much quieter. Surrounding neighbors should not hear the work.

Q5. Sandra Farrell asked if the Water Authority will be using native plants for the landscaping.

A5. Tim Suydam said virtually all of the selected shrubs are native and the trees are accepted as native. All the landscaping will be appropriate for a desert climate.

- Q6. A sponsor group member asked what kind of security will be at the site.**
A6. Gina Molise said security is a top priority for the Water Authority and ensured the group that the Water Authority is taking proper security measures. Currently, there is a security guard at the site 24 hours a day. Once the plant is operational, there will be an Operation and Maintenance crewman at the site 24 hours a day. However, due to Water Authority security policies, she could not elaborate.
- Q7. A community member asked where our water is currently treated.**
A7. Tim Suydam explained water is currently being treated at the Skinner Water Treatment Plant.
- Q8. Gil Jemmott requested that the cement trucks not use Jake Brakes in the valley as they are noisy and echo throughout the community.**
- Q9. A community member asked what happens to Twin Oaks Valley Road after the project is complete.**
A9. Tim Suydam said the Water Authority has video and photographic records of the road's preconstruction conditions and will return the road to that condition if project related trucks or equipment damaged the road.

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