



City of Malibu

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December 31, 2013

Sent via Email to SUnger@waterboards.ca.gov

Mr. Sam Unger, Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

RE: Memorandum of Understanding (MOU) Quarterly Progress Report
Malibu Civic Center Wastewater Treatment Plan

Dear Sam:

The following is the quarterly progress report for the Malibu Civic Center Wastewater Treatment Plan, which covers work activities performed on this project during the period between October 1, 2013 and December 31, 2013. To date, the City continues to make progress on all MOU Milestone requirements.

Below is a list of the work performed during the last quarter:

- Continued groundwater modeling work using the MODFLOW hydraulic modeling program.
- Performed work for development of a Salt and Nutrient Management Plan (SNMP) and a Groundwater Management Plan (GWMP). These plans are necessary for recycled water use, management of the groundwater basin, and funding purposes. Each Plan's concept, requirements, goals, and development processes were presented to Malibu Civic Center Stakeholders at the November/December Stakeholders Meeting (Attachment 1).
- Performed mapping of slope stabilities in project area for use in the Coastal Development Permit (CDP) application.
- Prepared the required documents and continue to work with the California Coastal Commission staff regarding the amendment to the city's Local Coastal Program (LCP).
- Prepared and published the Notice of Preparation (NOP) and Scoping Meeting for the Draft Environmental Impact Report (Attachment 2).



- Conducted a Scoping Meeting for the Draft Environmental Impact Report on December 11, 2013 (Attachment 3). The meeting was attended by community residents, public officials and regional board staff.
- Conducted the Civic Center Wastewater Treatment Facility Technical Advisory Committee (TAC) Meeting on December 12, 2013 (Attachment 4). Committee members, which included independent experts and regional board staff, were updated on the treatment plant design and processes.
- Performed preparatory work necessary for the creation of an Assessment District (AD) such as benefits analysis which includes defining loads and flows from each parcel, capital cost estimates, operation and maintenance cost estimates, and initial modeling of alternative cost allocation methodologies. The Assessment Engineering Consultant presented a preliminary assessment analysis at the November/December Stakeholders Meeting (Attachment 5).
- Conducted regular monthly coordination meetings with RWQCB staff to discuss project progress, areas of regulatory concern, and basis of permitting the project.
- Continue with work to refine the wastewater flow projections by RWQCB phase.
- Continue with development of site plans, flow schematics, and hydraulic profiles for designing the wastewater treatment plant at Winter Canyon location.
- Continue refinement of flow routing and alignments, hydraulic and pipe size analysis, and developed design plans and profile diagrams to identify utility conflicts for the wastewater collection system.
- Continue analysis of commercial and residential tie-in locations and hookup points along the wastewater collection system.
- Continue hydraulic analysis and developed pipeline alignments and routes and hookup points for the project's reclaimed water system.
- Continue site analysis and sizing for collection system pumping stations.
- Continue performing independent expert review of the project's design concept, treatment processes, sizing, and site configuration of the wastewater treatment plant facility to ensure plant design and processes are effective and efficient.
- The design consultant submitted 50% design plans to the City for review and comments. The submittal included detailed designs of the treatment plant, the wastewater collection system, and the recycled water distribution system (Attachment 6).
- City staff met with officials from Pepperdine University and Las Virgenes Water District to discuss future recycled water use opportunities (Attachment 7). Also, continue to work with

Los Angeles County Water District 29 to seek possible recycled water demand opportunities further west of the Civic Center Area of Malibu.

Currently, the design of the wastewater treatment plant, the wastewater collection system, and the recycled water system is more than 50% complete. The City's continued approach of performing tasks simultaneously, and on parallel tracks, has kept this project moving forward.

Since our last quarterly report, our design consultants began performing hydraulic calibration work for the groundwater model and commenced groundwater scenarios using the results from the groundwater injection testing program. Preliminary data from this groundwater modeling work has shown favorable results. With that known, and although additional groundwater modeling work is required, in an effort to keep our project on the shortest possible time frame, our design consultants have started the final design work for the project. It is still our continued belief that during this period of time, additional time may be recaptured in order to reduce the overall critical path schedule for the completion of this project.

Our design consultant and city staff continue to meet on a monthly basis with Dr. Eric Wu and Dr. T. Don Tsai of the Board's Groundwater & Permitting Unit (Attachment 8) to discuss the status and details of the project including the groundwater well injection and testing program, status of the City's regulatory requirements (CDP, CEQA, EIR), WDR permit limits and requirements, water balance and recycled water use, groundwater basin, Malibu Creek Nutrient TMDL, and local Agency Management Plan. Dr. Wu has also found time to attend our Wastewater Technical Advisory Committee (TAC) Meeting and the project's Notice of Preparation and Scoping Meeting. Dr. Wu and his staff continues to be very helpful to our staff and has provided our team with clarity and guidance where we continue to look forward to his and the Board's continued support throughout this project.

As mentioned above, our Assessment Engineering Consultant, David Taussig & Associates, has been performing the required work necessary for the formation of the Civic Center Wastewater Treatment Facility Assessment District. They also presented their preliminary assessment analysis at the November/December Malibu Civic Center Stakeholders Meeting (Attachment 5). As you are aware, commercial property owners approved establishment of a Community Facilities District (CFD) to fund the project's remaining field, design, and permitting work. Formation of an Assessment District (AD) will provide the funding necessary to construct and operate the wastewater treatment facility.

Finally, the City continues to have monthly meetings with stakeholders about the CCWTF (Attachments 1, 5, & 9). For several years, the City has met on a monthly basis with stakeholder groups comprised of commercial property owners, residential homeowners' association (HOA) representatives and other interested community members. The City also makes presentations to HOA organizations within the prohibition boundary area when requested. There appears to be continued support from the commercial property owners for the wastewater treatment plan moving forward. There is however much greater concern from residential property owners with regards to cost and overall impacts.

As you can see, the City is committed to working with the community and the Board in a diligent effort towards the design and completion of the wastewater treatment facility for the Civic Center area. The Board and MOU have set out a very aggressive schedule that allowed for virtually no delays at all. Therefore, with the delay caused by funding and formation of the CFD, the City will diligently pursue trying to comply with the deadlines. However, please realize that the MOU allows very little room for time to be recouped and the City will need cooperation from the Board if additional time is needed to complete the project.

If you have any questions, or require additional clarification, please do not hesitate to contact me at (310) 456-2489, extension 226, or jthorsen@malibucity.org.

Sincerely,

Bob Brager for:

Jim Thorsen

City Manager

Attachments:

1. Power Point Presentation of the Salt Nutrient (SNMP) and Groundwater Management Plans (GWMP) to the Malibu Civic Center Stakeholders November/December 2013 Meeting.
2. Notice of Preparation and Scoping Meeting for the MCCWTF Project Draft EIR.
3. Power Point Presentation for the MCCWTF Project Scoping Meeting.
4. Agenda/Power Point Presentation for the MCCWTF Project TAC Meeting.
5. Power Point Presentation of the Assessment Engineers Preliminary Assessment Analysis to the Malibu Civic Center Stakeholders November/December 2013 Meeting.
6. 50% Design Plans for the MCCWTF Project.
7. Correspondence from Pepperdine University and Las Virgenes Water District Officials regarding future recycled water use opportunities.
8. Agenda/Meeting Minutes for monthly meetings held with the RWQCB staff for the MCCWTF Project.
9. Power Point Presentation to the Malibu Civic Center Stakeholders October 2013 Meeting.

cc: Mayor Joan House and Honorable Members of the Malibu City Council
Vic Peterson, Environmental Sustainability Director
Bob Brager, Public Works Director/City Engineer
Joyce Parker-Bozylinski, Planning Director
Craig George, Environmental Sustainability Manager / Deputy Building Official
Eric Wu, Ph.D., P.E., RWQCB
T. Don Tsai, Ph.D., RWQCB