



City of Malibu

23825 Stuart Ranch Road ♦ Malibu, California ♦ 90265-4861
Phone (310) 456-2489 ♦ Fax (310) 456-3356 ♦ www.malibucity.org

June 30, 2014

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 April 1, 2014 and June 30, 2014. 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:

- Completed modeling of groundwater injection scenarios showing that sufficient injection capacity is available for the all phases of the project and that the Malibu Creek and Lagoon does not receive injected water (Attachment 1).
- Analyzed and developed costs required to achieve an effluent total nitrogen limit of 5 mg/l versus a total nitrogen limit of 8 mg/l (Attachment 2).
- Developed draft Surface Water and Groundwater Monitoring Plans (Attachment 3).
- Developed draft Assimilative Capacity/Anti-Degradation Analysis for the proposed groundwater injection (Attachment 4).
- Performed a Sea Level Rise Analysis (Attachment 5).
- Performed an Ocean Dilution Impact Analysis (Attachment 6).
- Continued work to further develop the Malibu Valley Joint Salt-Nutrient Management Plan (SNMP) and Groundwater Management Plan (GWMP). This quarter's work focused on the development of the Management Plan's goals and objectives (Attachment 7). These plans



are necessary for recycled water use, management of the groundwater basin, and funding purposes.

- On May 30, 2014, the City issued the Draft Environmental Impact Report (Draft EIR) for the project (Attachment 8).
- On June 12, 2014, the City issued the Recirculated Draft EIR for the project (Attachment 8).
- On June 25, 2014, the City conducted a Public Workshop for the Civic Center Wastewater Treatment Facility Project (Attachment 9).
- Continued to conduct regular monthly coordination meetings with RWQCB staff to discuss project progress, areas of regulatory concern, and basis of permitting the project (Attachment 10).
- Continued 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.
- Continued to conduct regular monthly meetings with Stakeholders and Stakeholder groups to discuss the Civic Center Wastewater Treatment Facility Project (Attachment 11).
- Continued 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 an updated preliminary assessment analysis at the Malibu Civic Center Stakeholders Meeting on April 3, 2014 (Attachment 12).
- Continued with work to check and refine the project's final construction plans and specification (96% complete).
- Continued analysis of commercial and residential tie-in locations and hookup points along the project's wastewater collection and reclaimed water systems.
- Continued 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.

Currently, the design of the wastewater treatment plant, the wastewater collection system, and the recycled water system is about 96% 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 completed modeling of the groundwater injection scenarios showing that sufficient injection capacity is available for all phases of the project (Attachment 1). Results from this groundwater modeling work has also confirmed 1) the direction of flow of the injected waters and, 2) that the injected waters do not flow to the Malibu Creek or

Lagoon for the full range of flows expected through the phase 3 build-out conditions. Modeling scenarios for groundwater levels before and after project implementation also confirm that the groundwater levels throughout the study area will be lower. In general, the extremely detailed and voluminous modeling work performed by our design consultants confirms the engineering feasibility of the project. The positive results from this modeling work has allowed our design consultants to confidently move towards completion of the final design work of the injection wells and allowed the overall engineering design work of the project to reach the 96% completion level.

The project's Draft Environmental Impact Report (Draft EIR) was released for public review on May 30, 2014 (Attachment 8). The public review period will be open for 60 days from May 30, 2014 to July 28, 2014. A Recirculated Draft EIR was also released on June 12, 2014 (Attachment 8). The Recirculated Draft EIR is a partial recirculation of the original Draft EIR and contains revisions to the original Draft EIR. The Recirculated Draft EIR will be circulated for 47 days for public review and comment starting on June 12, 2014 and ending on July 28, 2014. A Public Workshop was also held on June 25, 2014 before the City of Malibu Planning Commission (Attachment 9). The workshop included a detailed presentation of the project by City staff and the project consultant team. The workshop also provided an opportunity for the Planning Commission and the public to ask detailed questions about the project. Since this was an informational workshop, no action taken by the Planning Commission.

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 10) 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 June 25, 2014 Public Workshop (Attachment 9). Dr. Wu and his staff continue to be very helpful to our staff and have provided our team with clarity and guidance where we continue to look forward to his and the Board's continued support throughout this project.

Our Assessment Engineering Consultant, David Taussig & Associates, continues to perform the required work necessary for the formation of the Civic Center Wastewater Treatment Facility Assessment District. They presented their second update of the preliminary assessment analysis at the Malibu Civic Center Stakeholders Meeting on April 3, 2014 (Attachment 12). 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. City staff also continues to seek other possible sources of funding for this project such as the State Revolving Fund.

Finally, the City continues to have monthly meetings with stakeholders, and stakeholder groups, about the CCWTF (Attachments 11). 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 the formation of the CFD, the City will diligently pursue trying to comply with the deadlines. However, please realize that the MOU allows very little opportunity for time to be recouped and the City will need cooperation from the Board if additional time is needed to complete the project. Although we are very enthused about the monumental tasks we have accomplished thus far, we have not reduced our efforts to seek different ways to recapture additional time in order to reduce the overall critical path schedule for the completion of this project.

If you have any questions, or require additional clarification, please do not hesitate to contact me at (310) 456-2489, extension 247, or bbrager@malibucity.org.

Sincerely,



Robert L. Brager, PE, JD
Public Works Director/City Engineer

Attachments:

1. Groundwater Modeling Analysis of Proposed Wastewater Dispersal.
2. Review of Nitrogen Limit Implications for Wastewater Treatment Facility.
3. Surface Water and Groundwater Monitoring Plans.
4. Assimilative Capacity and Anti-Degradation Analysis for Proposed Injection Dispersal.
5. Sea Level Rise Analysis.
6. Ocean Dilution Analysis.
7. SNMP-GWMP Goals and Objectives.
8. Draft and Recirculated Draft Environmental Impact Report.
9. Public Workshop for the Civic Center Wastewater Treatment Facility Project.
10. Meeting Agenda and Minutes for monthly meetings held with the RWQCB staff for the MCCWTF Project on April 30, 2014 and May 28, 2014.
11. Power Point Presentations to the Malibu Civic Center Stakeholders on April 24, 2014 and May 29, 2014.
12. April 3, 2014 Malibu Civic Center Stakeholders Meeting. Power Point Presentation by the project's Assessment Engineer regarding the updated preliminary assessment analysis.

cc: Mayor Skylar Peak and Honorable Members of the Malibu City Council
Jim Thorsen, City Manager
Vic Peterson, Environmental Sustainability Director
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

