

MINUTES

RAYMOND BASIN MANAGEMENT BOARD
REGULAR MEETING

Wednesday, October 20, 2021

BOARD MEMBERS PRESENT AND PARTIES REPRESENTED

Chris Burt	Kinneloa Irrigation District East Pasadena Water Company Huntington Library and Art Gallery
Jennifer Betancourt Torres (A)	Lincoln Avenue Water Company La Canada Irrigation District Las Flores Water Company Pasadena Cemetery Association Valley Water Company
Paul Cranmer (A)	City of Arcadia
Jim Prior	San Gabriel County Water District
Jose Reynoso	City of Sierra Madre
Gary Takara	City of Pasadena
Jessica Taylor	California-American Water Company
Ken Tchong	Sunny Slope Water Company
Lisa Yamashita-Lopez	Rubio Cañon Land and Water Association

BOARD MEMBERS ABSENT

William Kimberling	Lincoln Avenue Water Company La Canada Irrigation District Las Flores Water Company Pasadena Cemetery Association Valley Water Company
Martin Ray	City of Alhambra
Tom Tait	City of Arcadia

OTHERS PRESENT

Gurcharan Bawa	City of Pasadena
Brad Boman	City of Pasadena
Tim Brick	Arroyo Seco Foundation
John Corona	City of Arcadia
Robert DeLoach	City of Pasadena
Bob Fan	Valley Water Company
Casey Feilen	San Gabriel County Water District
Matthew Hacker	Metropolitan Water District of Southern California
Garry Hofer	California-American Water Company
Nina Jazmadarian	Foothill Municipal Water District
Ken Kules	Pasadena Resident
Melvin Matthews	Kinneloa Irrigation District
Natalie Ouwersloot	City of Pasadena

STAFF PRESENT

Kelly Gardner	Raymond Basin Management Board
Steve Johnson	Stetson Engineers
Tom Ma	Stetson Engineers
Ana Mata	Raymond Basin Management Board
Jenny Savron	Stetson Engineers
Anthony Zampielo	Raymond Basin Management Board

1. PRELIMINARY ITEMS

Pursuant to Executive Order N-29-20 issued by Governor Newsom in response to the COVID-19 outbreak and as a precaution to protect both staff, its constituents, and elected officials, a regular meeting of the Raymond Basin Management Board (RBMB) was duly and regularly held via Zoom Meeting (web-based video conferencing), on Wednesday, October 20, 2021 at the hour of 2:30 p.m.

The meeting was called to order by Director Lisa Yamashita-Lopez, Chair. It was determined that a quorum was present and no additions to the agenda or public comments were offered.

On motion made by Director Tcheng, seconded by Director Reynoso, and unanimously carried, the minutes of the July 21, 2021, meeting were approved.

2. REPORT FROM OUTSIDE AGENCIES

Mr. Matthew Hacker, P.G., Metropolitan Water District of Southern California (MWD), referred to a presentation and provided an update on current water supply and groundwater conditions.

3. TREASURERS REPORT

Director Yamashita-Lopez, Chair, reported that, as of September 30, 2021, the RBMB has collected \$773,200 in Assessments and \$600 in Long-Term Storage. There is still the amount of \$145,500 outstanding in Assessments, and \$100.00 in Long-Term Storage Program Revenue to be received in Fiscal Year (FY) 2021-22. She added that, as of September 30, 2021, the RBMB has spent \$93,200 (which includes Title 22, and Salvage Credit Reimbursable Expenditures), and currently has a balance of \$157,300 in Receivables and \$3,634,400 in available cash. Reserve Funds available for groundwater recharge projects is \$2,425,000.

Mr. Anthony Zampielo, Executive Officer, provided clarification that following the Board's vote last year to increase the assessment to \$30 per acre-foot, they authorized an option to defer the additional \$10 per acre-foot without penalty to January 31, 2022. He added that this deferment was a one-time only option and plan accordingly for single payment due dates in May of each year going forward.

Director Yamashita-Lopez, Chair, asked for any questions and with none offered, on motion made by Director Burt, seconded by Director Takara, and unanimously carried ordered the financial statement for quarter ending September 30, 2021, received and filed.

4. FINANCE AND ADMINISTRATION COMMITTEE REPORT

Director Yamashita-Lopez, Chair reported that the Committee met on September 16, 2021, to review the Audit of Financial Statements for FY 2020-21, noting that the Audit was presented to the Executive Committee earlier in the day. She reported that RBMB received a clear, unqualified audit from the firm of Egan and Egan, Certified Public Accountants, confirming that RBMB's financial statements are in compliance with standard accounting principles and procedures.

Director Yamashita-Lopez, Chair, asked for any questions, and with none offered, on motion made by Director Takara, seconded by Director Reynoso, and unanimously carried, the Financial Audits for FY 2020-21 were received and filed.

5. PUMPING & STORAGE COMMITTEE REPORT

Director Takara reported that the Committee met on August 3, 2021, and discussed the Monk Hill Task Force, Raymond Basin Study/Scope of Work, Arroyo Seco Canyon Project and an update regarding Perfluorooctanoic acid (PFOA)/per- and polyfluoroalkyl substances (PFAS).

6. EXECUTIVE COMMITTEE REPORT

Director Yamashita-Lopez, Chair, referred to the written Committee report included in the Board agenda packet and stated that the Committee met on September 16, 2021, and reviewed a draft of today's Board agenda, along with the 2020-21 Financial Audit.

7. CITY OF ARCADIA'S REQUEST TO CONSIDER PAUL CRANMER TO REPLACE RETIRING TOM TAIT AS RBMB BOARD MEMBER OF THE EXECUTIVE COMMITTEE

Mr. Zampielo discussed the consideration for appointment of Mr. Paul Cranmer, City of Arcadia, to the RBMB and Executive Committee. He stated that because of the retirement of Mr. Tom Tait from the City of Arcadia and resignation from the RBMB, a vacancy was created on the RBMB and Executive Committee. The City of Arcadia submitted a change of designee form, designating Mr. Cranmer as its representative on the RBMB; however,

the RBMB Bylaws specify that the Chair of the Executive Committee shall appoint to fill vacancies on the Committees and Officers.

Additionally, Mr. Zampielo stated that as to the vacated Treasurer position previously held by Mr. Tait, Ms. Yamashita-Lopez elected to shift the existing Officers up one position as follows:

Chair:	Lisa Yamashita-Lopez
Vice-Chair:	Gary Takara
Secretary:	Jose Reynoso
Treasurer:	Chris Burt
At Large:	Paul Cranmer

On motion made by Director Burt, seconded by Director Reynoso, and unanimously carried, the Board approved the appointment of Mr. Paul Cranmer to the RBMB as a Board Member and Member of the Executive Committee.

Mr. Zampielo provided a brief overview on the transaction from East Pasadena Water Company to California American Water Company, related to water rights and representation. He added that no action is necessary by the RBMB.

8. CONSIDERATION AND ADOPTION OF THE ANNUAL REPORT OF "WATERMASTER SERVICE IN THE RAYMOND BASIN" FOR FISCAL YEAR 2020-21

Mrs. Kelly Gardner, Assistant Executive Officer, stated that the annual report was delivered to all Parties in accordance with the Judgment on September 1, 2021, stating that the report is available in hard copy and has been posted to the RBMB website.

On motion made by Director Burt, seconded by Director Takara, and unanimously carried, the annual report of "Watermaster Service in the Raymond Basin" for FY 2020-21 was adopted.

9. ANNUAL REVIEW OF ALTERNATIVE MANAGEMENT SCENARIO (AMS) I FOR THE PASADENA SUBAREA PERFORMANCE EVALUATION

Mr. Zampielo provided background on the AMSI, stating that the RBMB adopted a resolution in July 2019 to address declining water levels and basin water supply that included decreasing Decreed Rights and the suspension of Long-Term Storage Accounts. He then deferred to Mr. Johnson to provide an annual overview on the impacts on water levels and financial impacts to Producers.

Mr. Steve Johnson, Consulting Engineer, referred to the staff report included in the Board packet, reporting on data for both FYs 2019-20 and 2020-21. He reported that at the end of the FY, June 30, 2020, the static groundwater

elevation at the Craig Well was 426.0 feet above mean sea level (amsl), an increase of about 11.0 feet in one year. By the end of FY, June 30, 2021, the static groundwater elevation at the Craig Well was 428.6 feet amsl, an increase of about 13.0 feet since the start of the Alternative Management Scenario I (AMSI). The increase of about 13.0 feet in static groundwater elevation appears to be due to the AMSI and the MWD-Pasadena In-Lieu Cyclic Storage Program. There were no reports from Producers in the Pasadena Subarea that experienced additional financial impacts due to the AMSI during FYs 2019-20 and 2020-21.

The RBMB staff's recommendation is to continue the implementation of the AMSI as a result to continued lower groundwater levels and storage. If not for the AMSI and In-Lieu Cyclic Storage Program, water levels would likely have decreased further. Additionally, recommended that RBMB evaluate additional In-Lieu opportunities with Producers to help manage water levels in the Pasadena Subarea.

On motion made by Director Takara, seconded by Director Burt, and unanimously carried, the evaluation of the sustainable groundwater yield of the Monk Hill Subarea in the Raymond Groundwater Basin was received and filed.

10. EVALUATION OF THE SUSTAINABLE GROUNDWATER YIELD OF THE MONK HILL SUBAREA IN THE RAYMOND GROUNDWATER BASIN

Mr. Zampielo provided background, stating that to maximize sustainable groundwater use in the Monk Hill without causing long-term adverse impacts, a water budget model outlining groundwater inflows and outflows to quantify groundwater yield was developed. He added that the model could assist in managing Monk Hill groundwater resources in the future by quantifying a relationship between changes of groundwater in storage and groundwater levels in the Monk Hill Subarea.

Mr. Johnson referred to the staff report included in the Board packet, providing an overview of the data collection, water budget model development for Safe Yield evaluation and reporting results.

On motion made by Director Takara, seconded by Alternate Betancourt Torres, and unanimously carried, the evaluation of the sustainable groundwater yield of the Monk Hill Subarea in the Raymond Groundwater Basin was received and filed.

11. ANNUAL WATER BALANCE/BUDGET FOR THE MONK HILL, PASADENA AND SANTA ANITA SUBAREAS

Mr. Zampielo provided background and overview on the annual water balance/budget for the Monk Hill, Pasadena and Santa Anita Subareas, stating that the Raymond Basin experienced declining water levels during FYs 2011-12 to 2020-21. In response, the RBMB responded by implementing programs to assist in addressing water supply concerns in all

three subareas of the Raymond Basin, that included annual water balance/budget for each subarea. Planning tool for Producers, a negative balance would trigger a review with Producers allowing them to develop additional programs to make up the negative balance.

Mr. Johnson then referred to the staff report included in the Board packet, presenting the basis for each subarea for FY 2020-21.

On motion made by Director Burt, seconded by Director Tcheng, and unanimously carried, the annual water balance/budget for the Monk Hill, Pasadena and Santa Anita Subareas was received and filed.

12. CONSIDERATION OF SCOPE OF WORK TO UPDATE RBMB MODEL

Mr. Zampietro referred to the staff report included in the Board packet. He provided an overview on the Scope of Work, stating that it will provide services for the development and update of the Raymond Basin Baseline Study Update and Management Tool to evaluate groundwater conditions for the Raymond Basin located in the northwest portion of the San Gabriel Basin.

He also stated that the current RBMB Groundwater Flow Model was calibrated for the period from January 1981 through April 2012, noting that Geoscience has provided a proposal to collect and compile the geohydrologic data required for the period from May 2012 through September 2021. He added that the Scope of Work will include updating and recalibrating the RBMB Groundwater Flow Model, the Solute Transport Model for total dissolved solids and nitrate, developing and calibrating solute transport model for perchlorate, develop and run predictive model scenarios, drafting modeling reporting and project management.

Following an in-depth discussion, Director Yamashita-Lopez, Chair, requested to table this item for further consideration and directed RBMB staff to distribute the Scope of Work for review and comments by the RBMB. She added that this item will be discussed at a future RBMB Special or Regular Board meeting.

13. CITY OF PASADENA APPLICATION TO DRILL EXPLORER WELL

Mr. Johnson reported that the City of Pasadena has submitted an application to drill Explorer Well in the Monk Hill Subarea of the Raymond Basin. The proposed Explorer Well will be located in the eastern edge of the former National Aeronautics and Space Administration Jet Propulsion Laboratory east parking lot and within the limits of the Hahamonga Watershed Park, as shown in Plate 1. The purpose of the proposed Explorer Well is to improve Pasadena's water system reliability and to serve as a potential remediation well for JPL. The proposed Explorer Well will be drilled to a depth of approximately 650 feet below ground surface with a proposed pumping capacity of 1,600 gallons per minute. Groundwater from proposed Explorer Well will be pumped into the existing Monk Hill Treatment System. The

MHTS currently treats groundwater from City of Pasadena Arroyo Well, Ventura Well, Well 52, and Windsor Well and provides mid-plume treatment.

The proposed well is not anticipated to interfere with groundwater cleanup plans in the Raymond Basin, impact contamination migration, or interfere with existing wells in the vicinity. The RBMB staff has reviewed the City of Pasadena's proposal and treatment according to the RBMB Well Guidelines and determined that it's in compliance.

On motion made by Director Burt, seconded by Director Tcheng, and unanimously carried, the application submitted by the City of Pasadena to drill Explorer Well was approved.

14. ENGINEER'S REPORT

Mr. Johnson referred to the written Engineers Report included in the agenda packet, highlighting hydrologic conditions and information by subarea on rainfall, well levels, production records and spreading.

Director Yamashita-Lopez, Chair, asked for any questions of Mr. Johnson, and with none offered, ordered the report received and filed.

15. EXECUTIVE OFFICER'S REPORT

Mr. Zampielo reported that discussions have been held with Pasadena Water & Power, Mr. Gurcharan Bawa, General Manager and Mr. Robert DeLoach, Special Assistant to the General Manager, regarding exploring options to increase groundwater levels in the Raymond Basin.

Related to the RBMB Emergency Contacts list included in the Board packet, Mrs. Gardner thanked the City of Pasadena for updating and asked that the RBMB review contacts relative to their agencies and submit any changes.

16. INFORMATION ITEMS

Director Yamashita-Lopez, Chair, referred to the items included in the Board packet.

On motion made by Director Tcheng, seconded by Director Takara, and unanimously carried, the information items were noted, and received and filed.

17. OTHER BUSINESS

None.

18. ADJOURNMENT

There being no other business, a motion was made by Director, Yamashita-Lopez, Chair, seconded by Director Burt, and unanimously carried, adjourning to the next Regular Board meeting on Wednesday, January 19, 2022, at 2:30 p.m. via Zoom Meeting.

Lisa Yamashita-Lopez, Chair

Attest:

Jose Reynoso, Secretary

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