

MINUTES

Regular meeting of the City of Redlands Municipal Utilities/Public Works Commission on April 4, 2022 at 4:00 PM in the Council Chambers at the Civic Center, 35 Cajon Street. The meeting was an in-person meeting with teleconferencing available via Zoom. Votes were conducted in person and by roll call.

A. ATTENDANCE & CALL TO ORDER

Present: Adekunle Ojo, Chairperson
Steve Stockton, Vice Chairperson
David Garcia, Commissioner
Thomas Breitzkreuz, Commissioner
R. Brad Thoms, Commissioner
Eddie Tejada, Council Liaison/Mayor Pro Tempore

Absent: Chandrasekar 'CV' Venkatraman, Commissioner

Staff: John Harris, Municipal Utilities & Engineering Director; Goutam Dobey, Engineering Manager;
Kevin Watson, Utilities Operations Manager; Veronica Medina, Assistant Engineer; Kyle Wagner,
Construction Manager; Johana Silva, Commission Liaison/Assistant Engineer; Fernando Mata,
Wastewater Operations Superintendent (joined remotely)

Guest

Consultants: Richard Brady, P.E. and Karl Kuebitz, P.E. with Richard Brady & Associates, Inc.

Chairperson Ojo called the meeting to order at 4:04 PM, thanked and welcomed everyone for attending, and offered any public present and joining virtually the opportunity to provide comment on any item on the agenda.

B. PUBLIC COMMENT

None forthcoming.

C. APPROVAL OF MINUTES

The minutes of the regular meeting of February 4, 2022, were unanimously approved.

Vote: 6 – 0 Passed

D. COMMUNICATIONS

a. Director's Report

Director Harris welcomed everyone to the meeting and provided highlights to his Director's Report.

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Updates were provided on the following:

Annual Report – The draft PowerPoint presentation for the annual report to City Council was provided in the agenda package. Commissioner Ojo stated he would like to move the presentation date from June 2nd to May 17th.

Organizational Structure – The three (3) full-time administration personnel has been assigned to one (1) of the three (3) MUED funds: General, Water and Wastewater. Water Conservation was assigned to the Engineering division. One (1) wastewater line maintenance position was added to create two (2) full work crews. In the next year's fiscal budget, the entire One-Stop Center including the land use engineers, currently under MUED, will be moved to Development Services Department. The street maintenance division will be moved to MUED and combined with the Construction Inspection team to create the Streets & Inspections Division. An additional three wastewater line maintenance positions will be added to create three full work crews.

Wastewater Treatment Plant Project Phase 2 (WWTP P2) – The project is on-schedule and on-budget. Staff is expecting the fifty percent (50%) design submittal next week.

Sunset Reservoir Replacement Project, Land Lease Agreement – The land appraisal for the property will be discussed with City Council in Close Session on April 19, 2022.

Water Meter Replacement Project – The project is on-schedule and on-budget. The water audit, performed by MUED staff, identified large diameter water meters that were not in the billing system.

Pavement Management Program (PMP) – The current PMP project, contracted to Match Corporation, is on schedule and on budget.

Well and Booster Pump Rehabilitation Project – The schedule of the project has been reorganized to accelerate the rehabilitation of the Muni Well due to the cost-share agreement with San Bernardino Valley Municipal Water District and supply chain delays.

Tate WTP Raw Water Influent Pipeline Engineering – City Council will consider approval of the Professional Services Agreement to Carollo Engineers on April 19, 2022.

Hinckley WTP Raw Sludge Press Engineering – City Council will consider approval of the Professional Services Agreement to Dudek on April 19, 2022.

Commission inquiries ensued regarding current groundwater levels. Mr. Watson stated that the groundwater levels are on a downward trend. Pumps have been lowered in some wells by 100 feet to be proactive.

b. Commission Liaison Updates

i. MUPWC's Annual Report to the City Council

Mr. Harris stated the annual report will be presented at the May 17, 2022 City Council meeting. Any comments the commissioners have regarding the presentation can be communicated through email.

E. PRESENTATION

a. Presentation from Richard Brady & Associates, Inc. on the Water Infrastructure Condition, Seismic and Structural Assessment

Mr. Harris introduced Richard Brady and Karl Kuebitz with Richard Brady & Associates, Inc. (Brady), the consultant hired to perform a condition, seismic and structural assessment on the City's water infrastructure.

Mr. Brady and Mr. Kuebitz presented a description of California's fault zones, noting that Redlands sits precariously in between two (2) major faults, a brief synopsis of the City's historical build out of water

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treatment facilities, storage, delivery, pumping stations, pressure zones, typography, and overarching issues. Mr. Brady gave an overview of each site assessed which has received a letter grade and site recommendations for rehabilitation, replacement, capacity needs, and consolidation of water storage facilities.

The Brady team explained that the operating volume was lowered at twelve (12) steel tanks to meet seismic codes which created a water loss of six (6) million gallons. Mr. Brady described the next steps of projects include finding a solution for the six (6) million gallons of storage loss, understanding the impacts to fire readiness, and locating the Reservoir Canyon Fault at the Fifth Avenue Reservoir site. Mr. Brady presented an overview of the future hydraulic profile.

A discussion ensued regarding the cost of the recommended projects, distributing the stored water throughout the system, storage deficiencies, and concerns with the location of the Tate influent line.

F. NEW BUSINESS

a. Discussion of the Proposed Updated Wastewater System Master Plan and Possible Recommendation to City Council for Adoption

Mr. Harris informed the commission of the project recommendations in the proposed Citywide Master Plan for the Wastewater System. In a seventy (70) year span, the plan recommends upsizing a few miles of pipe. Dudek is estimating the City should spend approximately six (6) million dollars on near-term gravity sewer projects in the span of 10 years. One of the projects is a five (5) million dollar project for the Alabama Street pipeline upsizing which is currently being negotiated for a cost-share agreement with a developer. City Council will consider a reimbursement agreement with the developer at the April 19th council meeting.

Discussion ensued regarding the peak wet weather, peak dry weather flow, how to reduce the peak flows, the use of aeration basins for membrane bioreactor, the capacity of the City of San Bernardino to handle the overflow from the lift station at Mountain View, and future solid waste handling capacity.

A motion was made by Commissioner Garcia and seconded by Commissioner Breitzkreuz to recommend to City Council the adoption of the Citywide Wastewater System Master Plan. By roll call vote of 6-0, the motion carried unanimously.

G. COMMISSIONER ANNOUNCEMENTS, REPORTS ON ACTIVITIES, AND/OR REQUESTS FOR FUTURE AGENDA ITEMS

Items requested for the next regular Commission meeting agenda were as follows:

Water Master Plan, Potable and Non-Potable – Discussion of the proposed first draft of the citywide Water Systems Master Plan, potable and non-potable, for the commission's review during the June commission meeting.

Overview of City's Water Resources – Comprehensive discussion on the City's water resources, water entitlements, and water exchange agreements.

Economics of the Water Conservation Program – Discussion of the rebate types, water saving estimate, cost of the program, and a general holistic overview of the program. The City is currently evaluating the estimated savings versus the actual savings over time of the rebates in the program. This item will be brought to a future commission meeting when the evaluation is complete.

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Commissioner Steve Stockton commented that the Pavement Management Plan should address drainage issues. Chairperson Ojo commended the City on joining the San Bernardino Basin Groundwater Council and informed the commission that the council has stored 60,000 acre-feet of water in the San Bernardino basin during wet years.

H. ADJOURNMENT – Next regular meeting is June 6, 2022 at 4:00 PM

There being no further business the meeting adjourned at 5:30 PM. The next regular meeting of the City of Redlands Municipal Utilities/Public Works Commission is scheduled for June 6, 2022.