



THIS MEETING WILL BE CONDUCTED WITH IN PERSON ATTENDANCE PERMITTED. THE CDC STILL RECOMMENDS MASKING FOR ALL INDIVIDUALS BUT IS NOT MANDATORY. PARTICIPATION WILL ALSO BE AVAILABLE VIA VIDEO CONFERENCE OR TELECONFERENCE.

TO PARTICIPATE IN THE MEETING VIA VIDEO OR TELECONFERENCE, GO TO <https://rainbowmwd.zoom.us/j/82980075354> OR CALL 1-669-900-6833 or 1-346-248-7799 or 1- 253-215-8782 or 1-301-715-8592 or 1-312-626-6799 or 1-929-205-6099 (WEBINAR/MEETING ID: 829 8007 5354).

MEMBERS OF THE PUBLIC WISHING TO SUBMIT WRITTEN COMMENT TO THE COMMITTEE UNDER PUBLIC COMMENT OR ON A SPECIFIC AGENDA ITEM MAY SUBMIT COMMENTS TO OUR BOARD SECRETARY BY EMAIL AT DWASHBURN@RAINBOWMWD.COM OR BY MAIL TO 3707 OLD HIGHWAY 395, FALLBROOK, CA 92028. ALL WRITTEN COMMENTS RECEIVED **AT LEAST ONE HOUR IN ADVANCE OF THE MEETING** WILL BE READ TO THE COMMITTEE DURING THE APPROPRIATE PORTION OF THE MEETING. THESE PUBLIC COMMENT PROCEDURES SUPERSEDE THE DISTRICT'S STANDARD PUBLIC COMMENT POLICIES AND PROCEDURES TO THE CONTRARY.

ENGINEERING AND OPERATIONS COMMITTEE MEETING

**RAINBOW MUNICIPAL WATER DISTRICT
Wednesday, May 4, 2022
Engineering and Operations Committee Meeting - Time: 3:30 p.m.**

District Office	3707 Old Highway 395	Fallbrook, CA 92028
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Notice is hereby given that the Engineering and Operations Committee will be holding a regular meeting beginning at 3:30 p.m. on Wednesday, May 4, 2022.

AGENDA

- 1. CALL TO ORDER**
- 2. PLEDGE OF ALLEGIANCE**
- 3. ROLL CALL: Flint Nelson (Chair) _____ Steve McKesson _____ (Vice Chair)**
Members: Helene Brazier _____ Robert Marnett _____ Mig Gasca _____
Julie Johnson _____
Alternates: Tracy Largent _____

4. INSTRUCTIONS TO ALLOW PUBLIC COMMENT ON AGENDA ITEMS FROM THOSE ATTENDING THIS MEETING VIA TELECONFERENCE OR VIDEO CONFERENCE

CHAIR TO READ ALOUD - "If at any point, anyone would like to ask a question or make a comment and have joined this meeting with their computer, they can click on the "Raise Hand" button located at the bottom of the screen. We will be alerted that they would like to speak. When called upon, please unmute the microphone and ask the question or make comments in no more than three minutes.

Those who have joined by dialing a number on their telephone, will need to press *6 to unmute themselves and then *9 to alert us that they would like to speak.

A slight pause will also be offered at the conclusion of each agenda item discussion to allow public members an opportunity to make comments or ask questions."

5. SEATING OF ALTERNATES
6. ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)
7. PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)
- *8. APPROVAL OF MINUTES
 - A. April 6, 2022
9. GENERAL MANAGER COMMENTS
10. ENGINEERING AND CIP PROGRAM MANAGER COMMENTS
11. OPERATIONS MANAGER COMMENTS
12. COMMITTEE MEMBER COMMENTS
13. BOARD ACTION UPDATES
14. QUALTEK WIRELESS UPDATE (OPERATIONS)
- *15. AS-NEEDED SERVICES EXPENDITURES SUMMARY
16. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING AND OPERATIONS COMMITTEE MEETING
17. ADJOURNMENT

ATTEST TO POSTING:

Pam Moss
Pam Moss
Secretary of the Board

4-27-22 @ 10:00 a.m.
Date and Time of Posting
Outside Display Cases

**MINUTES OF THE ENGINEERING AND OPERATIONS COMMITTEE MEETING
OF THE RAINBOW MUNICIPAL WATER DISTRICT
APRIL 6, 2022**

1. **CALL TO ORDER** – The Engineering and Operations Committee Meeting of the Rainbow Municipal Water District on April 6, 2022, was called to order by Chairperson Nelson at 3:30 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. *(All meetings are being held with in-person attendance following County and State COVID guidelines as well as virtually.)* Chairperson Nelson, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

Present: Member Brazier *(via teleconference)*, Member Gasca *(arrived at 3:38 p.m.)*, Member Marnett, Member Johnson, Member McKesson, Member Nelson.

Also Present: General Manager Kennedy, Executive Assistant Washburn, Alternate Largent, Operations Manager Gutierrez, Engineering and CIP Program Manager Williams, Information Technology Manager Khattab.

Also Present Via Teleconference or Video Conference:

Associate Engineer Powers, Project Manager Parra, Project Manager Tamimi, Operations Supervisor Coffey, Grant Specialist Kim, Construction and Meters Supervisor Lagunas,

Two members of the public were present in person, via teleconference or video conference.

4. **INSTRUCTIONS TO ALLOW PUBLIC COMMENT ON AGENDA ITEMS FROM THOSE ATTENDING THIS MEETING VIA TELECONFERENCE OR VIDEO CONFERENCE**

Mr. Nelson read aloud the instructions for those attending the meeting via teleconference or video conference.

5. **SEATING OF ALTERNATES**

There were no alternates seated.

6. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

There were no amendments to the agenda.

7. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)**

There were no comments.

***8. APPROVAL OF MINUTES**
A. March 2, 2022

Motion:

To adopt the minutes.

Action: Approve, Moved by Member Johnson, Seconded by Member McKesson.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 5).

Ayes: Member Brazier, Member Marnett, Member Johnson, Member McKesson, Member Nelson.

Absent: Member Gasca.

9. GENERAL MANAGER COMMENTS

Mr. Kennedy recalled previous discussions held with this committee and other committees regarding the Wholesale Water Efficiency Projects. He noted the Board had approved moving forward as well as held a special meeting at which they adopted certain policies related to debt management as required as part of the process. He reported the process was successful and how it went to market today at 4.02% interest today.

Mr. Nelson inquired about the LAFCO Municipal Service Review (MSR) status. Mr. Kennedy answered LAFCO has approved the MSR as well as tasked the Special District Advisory Committee with developing some guidelines on how to assist LAFCO staff.

Member Gasca arrived at 3:38 p.m.

10. ENGINEERING AND CIP PROGRAM MANAGER COMMENTS

Mr. Williams noted the Engineering Department will attempt to provide this committee with a bi-monthly project update. He shared pictures of the current projects as he provided updates as to the status of each.

Discussion ensued regarding the Lift Station 1 project.

Mr. Kennedy talked about the new headquarters development study noting the Sheriff's Department was about to acquire the land located across the street from the current RMWD offices. He mentioned this acquisition will go before the County Board of Supervisors in June. He stated RMWD has had a meeting with the Sheriff's Department that was very positive and how they were very interested in the layout for a Sheriff's facility as well as RMWD and North County Fire at the site. He pointed out the Sheriff's Department has asked RMWD to wait before submitting items until after they complete their process with the County to lessen the risk of adding more variables to such. He explained although the photographs provided show conceptual blocks, there was enough space for RMWD; however, that space may be tight. He pointed out the Sheriff's Department has a community facility in their square footage, RMWD's includes a Board Room, North County Fire was also interested in a Board Room, and both the Sheriff's Department and CalFire are interested in an EOC; therefore, discussions regarding some of these facilities being shared at a shared cost among the organizations have taken place. He concluded with noting RMWD participating in this type of facility will assist save the County money as well as serve the region wellbeing contingent on some high-density housing should help assist with

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getting a General Plan Amendment for RMWD's development; however, this will not be pitched until the deed of the land is granted to the Sheriff's Department in late June.

Mr. Kennedy pointed out one of the other challenges with the headquarters project is that RMWD does not want to keep putting big money toward making repairs to the current district offices; therefore, there may be a point where there may be a plan implemented to possibly lease a whole trailer complex until a decision can be made regarding the site across the street.

Mr. Gasca asked if the potential RMWD's office space being considered for across the street will have some smaller conference rooms as well as whether the tightness Mr. Kennedy mentioned previous includes room for growth. Mr. Kenney confirmed smaller meeting rooms will be included as well as clarified the tightness to which he was referring was related to heavy equipment which may result in considering acquiring a different location for such. Discussion ensued.

Mr. Williams added one of the exciting things associated with the site diagram is that it got both the Sheriff's and Fire Departments realizing it can work even if it entails proceeding with two-story buildings. He noted any growth factors have been filtered into the concept. He said as more information is collected, the committee will be provided with updates.

Mr. Nelson inquired to the reason some firms did not submit proposals in response to the San Luis Rey Groundwater Recovery project. Mr. Williams answered those who did not submit proposals had stated it was not in their wheelhouse.

Mr. Williams pointed out the program management software was currently in the discovery process and is anticipated to go live in June 2022. He pointed out although this program is in the works, the data entry portion is taking a great deal of staff time to complete. Mr. Nelson inquired as to whether there was any possibility that other resources within the District who could perform additional work to assist the team with the data entry process. Mr. Kennedy explained the time involved with training someone who is not familiar with all the context, or the Microsoft program, may be more time consuming. Discussions followed.

Mr. McKesson inquired about the status of the County easement associated with the Lift Station 1 project. Mr. Williams explained RMWD's general counsel had discussions with the County's general counsel during which time it was noted RMWD received a great deal of misinformation along this path which was now correct.

11. OPERATIONS MANAGER COMMENTS

Mr. Gutierrez reported staff will be bringing forth a Notice of Completion for the Water Service Upgrade Project (WSUP) to the Board in April; however, this does not include the approximately twenty-one 3" and 4" meters on which field crews will continue to work. He mentioned customers are being notified when waterlines when these change outs occur.

Mr. Gutierrez reported the weather forecast will be peaking 95-100 degrees with weak Santa Ana winds. He noted the fire forecast was not high due to the ground still being moist and vegetation still green; however, following internal protocols, decisions are being made continuously based on the facets related to fire preparation as well as keeping the water fresh.

12. COMMITTEE MEMBER COMMENTS

There were no comments.

13. BOARD ACTION UPDATES

Mr. Williams reported the Board approved the Wholesale Water Efficiency projects for the \$9.7 million, a Sewer Service Agreement between RMWD and the Monserate Winery, adopted a Resolution of Necessity authorizing the acquisition of easements by eminent domain, as well as several ordinances. He noted the Board also received presentations on drone usage, development updates, and pipeline for repair update.

***14. NOTICE OF COMPLETION AND ACCEPTANCE OF THE WATER SERVICE UPGRADE PROJECT (WSUP) CONTRACT WITH CONCORD (OPERATIONS)**

Mr. Gutierrez noted this was a Consent Calendar item that will be presented to the Board in April marking reaching the huge milestone of completing this project. He mentioned there were a total of six Change Orders of which two were for no cost as well as how the contract with Concord totaled \$2,178,007 under which 8,587 meters were replaced. He explained the replacement process included downstream ball valves, pressure regulators before the meter, and serving or removing backflow devices. He pointed out now RMWD has a clear-cut idea of where every single meter is located and what is inside every single meter box with photographic evidence of such.

Mr. Gutierrez stated an interesting component of the WSUP is the District has already figured out which type of pipe is located on the customers' side which fulfills the State's requirement to ascertain this information.

Mr. Kennedy pointed out one of the great testaments to the teamwork and collaboration of the group is that RMWD had such a slow claim rate during this project. Mr. Gutierrez added the meter check rate has also been reduced to under 100 per cycle and that crews no longer have routes that need to be walked to read a meter. Mr. Kennedy and Mr. Gutierrez noted this project was truly an all-team effort.

Mr. Kennedy pointed out Mr. Khattab was instrumental in building quality control checks that would be automated and validated, eliminated the need to be hand-keyed, are able to be received in volume, and with accuracy.

Mr. Gutierrez mentioned staff has agreed with Concord to do expedited payments as opposed to net 30 so that as soon as RMWD's inspector validates the work was done, it would go to IT for validation, to him for a quick review, and then to the finance department for payment which saved RMWD a little more than \$43,000 over the life of the project.

Ms. Johnson inquired as to whether all the team members were invited to the celebratory barbeque Mr. Kennedy had mentioned. Mr. Kennedy stated yes as well as some members of Concord's staff. Discussion followed.

Mr. Nelson asked for any content associated with Change Order No. 4 for approximately \$800,000. Mr. Gutierrez explained this was for the second truck for backfilling that was added into the contract plus their staff time as well as extension of the contract for a couple of months.

Mr. Nelson encouraged staff to update the draft Consent Letter to include the great and positive story related to this project, including how much below budget it would come in. He said he understands there is a legal obligation to do a close out of the contract, but this is a great story that should be told in just a few paragraphs or sentences. Ms. Largent pointed out staff had discussed including the story as part of a recap of the entire project once the work on the large meters is complete.

Mr. Marnett requested an analysis in June or July comparing it from two years ago about water loss to show everyone the savings. Mr. Kennedy stated an analysis will be conducted and shared with the committee.

Motion:

To recommend Board approval.

Action: Approve, Moved by Member Johnson, Seconded by Member Marnett.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 6).

Ayes: Member Brazier, Member Gasca, Member Marnett, Member Johnson, Member McKesson, Member Nelson.

***15. DISCUSSION REGARDING POSSIBLE WIRELESS FACILITY WITH QUALTEK WIRELESS (OPERATIONS)**

Mr. Gutierrez explained RMWD was approached by Qualtek Wireless, a company that essentially installs infrastructure for cellular towers and working for Dish Wireless who was now in the market for cellular facilities. He summarized the information contained in the draft action letter provided in the agenda packet noting most often they always want to attach their antennas to the steel tanks which is beneficial for them but challenging for the District. He stated after discussions over the past several months, Qualtek is now asking to start the permitting process with the County. He mentioned should RMWD enter a lease agreement with Qualtek, the net income to RMWD is estimated to be approximately \$60,000 per year for two facilities.

Mr. Gutierrez pointed out the sites would be both Hutton and Turner sites and how one already has an antenna facility at a tank. He noted the wireless facilities will be faux trees that will be most likely eucalyptus.

Mr. Gutierrez stated this was being brought to the committee to consider whether a recommendation should be made to the Board to allow Qualtek to start the permit process.

Mr. Marnett referenced the list of questions he provided as a handout for committee consideration. He expressed his concern with safety from the RF radiation noting 5G is at least ten times stronger RF field the current cell tower site as well as the impact to property values this may have on the homes in the near vicinity. He encouraged staff to ensure the survival of the tower can withstand 110 mph winds. He also talked about a tree existing next to where the tower will be planted which is very close to the power lines and how it may be a good time to have the tree removed by RMWD. He said he would like Qualtek to provide RMWD with details in terms of what frequency they will be utilizing, how much power will be pumped into it, the radiated power coming from the antenna and essentially plotted in assimilation as well as later on with actual measurements showing round wires/lines on a map with field strength at each place during peak usage. He concluded with noting setting an absolute number is sort of impossible especially with varying government standards; therefore, RMWD will need to work through an appropriate amount to ensure the numbers are low enough to not be problematic. Mr. Kennedy agreed there may be concerns associated with individuals being up close and personal to these towers; thus, he offered to have staff share the concerns Mr. Marnett raises to Qualtek to ensure they are addressed.

Ms. Johnson asked whether it would be best to provide the Board with two staff recommendations with one being that more guidance be provided before a decision is made.

Mr. Nelson shared his familiarity with cell towers and how he was generally in favor of placing one at RMWD facilities and RMWD collecting revenue from such; however, when reviewing pages and pages of all types of the equipment that will be placed inside the tower as well as the building, he wanted to know if this was an implied indication that RMWD was fine with everything. He expressed his concern is that by including all of this, RMWD was basically putting its thumbprint on everything Qualtek plans to put in place making RMWD a co-designer which could be worrisome. Mr. Kennedy clarified the matter being presented to the Board for consideration is to show the County that they (Qualtek) have spoken with the property owner (RMWD) who in turn is fine with Qualtek remitting an application with the County. He stated should the County approve Qualtek's application, Qualtek will need to come back to RMWD with a proposed Lease Agreement with all of these types of provisions included. He said RMWD was not approving any plans at this point.

Mr. Nelson expressed concern that it appeared RMWD was approving the plans and that RMWD would now be the co-designer and would have a shared liability should the equipment malfunction which was concerning. He stated he would more comfortable if RMWD was approving going for the required County approval for a black box and a tower that looks like a tree. Mr. Kennedy clarified the plans shared with the committee today were included as a means of providing more information; however, this can be removed when presenting this to the Board. Mr. Nelson agreed anything technical in nature be removed from the presentation so there is absolutely no indication at all that RMWD has put its thumbprint on whatever Qualtek's "stuff" may be.

Mr. Kennedy recommended having Mr. Gutierrez putting Mr. Marnett in touch with the contact at Qualtek so he can speak with them directly and ask any necessary follow-up questions staff may not know to ask.

Ms. Johnson asked why RMWD was in an urgency for Option 1 to be adopted by the Board when Mr. Gutierrez expressed concern with Qualtek desiring to attach items to the tank earlier and the committee members raising so many questions. Mr. Gutierrez clarified there was no urgency nor was it a priority to RMWD.

Mr. McKesson asked if the \$60,000 per year worth the potential problems and hassles associated with this project. Mr. Gutierrez explained the meter would be provided by SDG&E and that by having a stand-alone tower, none of RMWD's operations would be impacted, there are no conflicts with anything RMWD was doing, nor any out-of-pocket costs to RMWD's.

Ms. Johnson expressed concern there were too many questions coming forward from this committee before a Board recommendation can be made. Mr. Marnett recommended this matter come back to this committee next month.

Mr. Gasca asked if the tower would be positioned on RMWD's property with its own secured area. Mr. Kennedy confirmed this would be the case. Mr. McKesson asked whether the proposed location would interfere with RMWD operations and vehicle access. Mr. Gutierrez stated this was taken into consideration during site visits to ensure it would not interfere with RMWD's work.

Discussion ensued regarding the construction process which may include accessing Mr. Marnett's property.

Ms. Johnson said based on the questions and concerns shared today, she would recommend this matter come back to this committee next month. Mr. Gutierrez agreed to present the questions to his contact with Qualtek as well as put that person in contact with Mr. Marnett to discuss some of the technical aspects to see if all the concerns and questions raised today can

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be sorted out prior to taking this matter to the Board for consideration this month; otherwise, it would be brought back to the committee next month.

***16. NOTICE OF COMPLETION AND ACCEPTANCE OF THE RAINBOW HEIGHTS PUMP STATION (ENGINEERING)**

Mr. Williams noted this was another Consent Calendar item for which staff was seeking a motion from the committee recommending the Board approve the Notice of Completion. He mentioned the construction on the project was completed on March 8, 2022 and how the scope included the demolition of the existing Rainbow Heights Pump Station which was abandoned as well as the old building across the street. He reported the 14-day test was completed as well as noted there was one change order in the amount of \$74,000 and the other for a credit back totaling \$5,000.

Discussion ensued regarding scheduling tours to visit this facility.

Mr. Nelson asked if staff considered providing the total project performance in terms of money in the Consent letter. Mr. Williams agreed to make amendments to the financial section of the letter prior to being presented to the Board.

Motion:

To recommend that the Board approve staff's recommendation Option 1 – Approve filing the Notice of Completion, add installation costs to the District's total valuation, release the Payment Bond in the amount of \$2,706,634.00, release 90% of the Performance Bond in the amount of \$2,435,970.60, retain 10% of the performance bond in the amount of \$270,663.40 as the warranty bond for one year, and make a finding that the action herein does not constitute a "project" as defined by CEQ.

Action: Approve, Moved by Member Johnson, Seconded by Member McKesson.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 6).

Ayes: Member Brazier, Member Gasca, Member Marnett, Member Johnson, Member McKesson, Member Nelson.

***17. CHANGE ORDER AND PARTICIPATION AGREEMENT FOR RICE CANYON PIPELINE PROJECT (ENGINEERING)**

Mr. Williams noted everything that has changed in the contract requires Board approval; therefore, it was being presented to the committee for recommendation. He noted this was the first change order for the project in the amount of \$402,373 which replenishes the contingency. Discussion ensued.

Mr. Nelson asked if the same level of contingency was necessary now that the project was 40% complete. Mr. Williams explained why it was believed the same contingency was necessary. Mr. Kennedy added should it turn out it is not needed the money would come back to RMWD as well as noted timing was an issue with trying to get these types of items to the Board for approval.

Mr. Nelson stated in the interest of the ratepayers, it may be nice for them to know half of this change order has been paid for with savings derived from Lift Station 1.

Motion:

To recommend the Board approve staff's recommendation Option 1 - Approve an Amendment to the Participation Agreement for the Design, Construction and Funding of Portions of the Rice Canyon Pipeline and Related Facilities to increase the total project cost to \$5,502,373, thus authorizing a change order in the amount of \$402,373.00 and authorize the General Manager to execute the Amendment on behalf of the District.

Action: Approve, Moved by Member Johnson, Seconded by Member Gasca.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 6).

Ayes: Member Brazier, Member Gasca, Member Marnett, Member Johnson, Member McKesson, Member Nelson.

***18. AMENDMENT TO CITRO COMMUNITY FACILITIES DISTRICT FOR PRESSURE REDUCING STATION (ENGINEERING)**

Mr. Williams explained the streets provided in the initial agreement were titled Street A, B and C, and how this housekeeping item was necessary to update those streets with the names they were assigned. He pointed out there was no money or project name defined by CEQA for this item.

Motion:

To recommend the Board approve staff's recommendation Option 1 - Make a determination that the action defined herein does not involve any conditions described in Public Resources Code section 21166 and CEQA Guidelines section 15162, and is not subject to CEQA, approve the First Amendment to the Acquisition Agreement by and among California Statewide Communities Development Authority, Rainbow Municipal Water District, and Tri Point Homes for the Citro development, and authorize the General Manager to execute the Amendment on the District's behalf.

Action: Approve, Moved by Member Johnson, Seconded by Member McKesson.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 6).

Ayes: Member Brazier, Member Gasca, Member Marnett, Member Johnson, Member McKesson, Member Nelson.

***19. LIVE OAK PARK ROAD BRIDGE WATER MAIN (ENGINEERING)**

Mr. Williams reported noted this was a County of San Diego project at which two RMWD waterlines are located. He noted the County unfortunately did not want to enter into a change order with RMWD; however, after consulting with RMWD's Legal Counsel that since the County had publicly bid this project and Hazard was already onsite, could RMWD ask them to bid on RMWD's project as well. He reported Legal Counsel opined they could be asked to bid on RMWD's project and how the bid came in at \$550,000. He confirmed it would be sole-sourced.

Mr. Marnett inquired as to whether the pipe would be hung from the bridge and if it would be new. Mr. Williams stated the pipe would be new and hung from both sides of the bridge.

Mr. Nelson pointed out there was a flip-flop on this in that the project was originally budgeted as a project for \$480,000 that, after receiving repeated rejections from the County, was changed to

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spending \$50,000 this year and \$430,000 next year. He said this created a flip-flop in terms of where the \$430,000 was being pulled backed into this year which ultimately results in the Board approving an additional \$70,000. He recommended this be clarified in the Board action letter. Mr. Williams agreed to include this in the finance section of the action letter as well as the language from Legal Counsel as recommended by Mr. Kennedy.

Motion:

To recommend the Board approve staff recommendation Option 1 – (1) Acting as a responsible agency for the Live Oak Park Road Bridge Replacement Project, consider the Mitigated Negative Declaration prepared and dated December 22, 2017 and certified by the County of San Diego as lead agency for the project on April 4, 2018 (State Clearinghouse # 20171201061); certify that the Board has independently reviewed and considered the information contained in the Mitigated Negative Declaration and reached its own conclusions regarding the environmental effects of the County’s approvals related to the project as shown in the Mitigated Negative Declaration; adopt the mitigation and monitoring program of the County as applicable, finding that the mitigation monitoring program is adequately designed to ensure compliance with the mitigation measures during project implementation; and determine that the significant adverse impacts of the project have either been reduced to an acceptable level or are outweighed by the specific considerations of the project, as outlined in the Mitigated Negative Declaration, which findings and statement are adopted and incorporated herein by reference as applicable. (2) Authorize the filing of a Notice of Determination with the San Diego County Clerk in accordance with Section 21152 of the California Public Resources Code. (3) Approve additional budget in the amount of \$550,000 to fully fund the Live Oak Park Road Bridge Water Main Improvement Project. (4) Approve the Construction Agreement with Hazard Construction in the amount of \$507,7000. (5) Authorize the General Manager to execute the construction contract.

Action: Approve, Moved by Member McKesson, Seconded by Member Gasca.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 6).

Ayes: Member Brazier, Member Gasca, Member Marnett, Member Johnson, Member McKesson, Member Nelson.

***20. REVIEW OF ORDINANCE NO. 22-11 AMENDING APPENDIX A IN ACCORDANCE WITH TITLE 9 ADMINISTRATIVE CODE UPDATES ADOPTED ON MARCH 22, 2022 (ENGINEERING)**

Mr. Williams explained with the Board approval of amendments to Administrative Code Title 8 triggered Ordinance No. 15-05 and its Appendix A needs to be updated. He highlighted the revisions as provided in the attachment included in the committee meeting agenda packet.

Motion:

To recommend the Board adopt Ordinance 22-11 and amendments to Appendix A.

Action: Approve, Moved by Member Nelson, Seconded by Member Johnson.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 6).

Ayes: Member Brazier, Member Gasca, Member Marnett, Member Johnson, Member McKesson, Member Nelson.

21. SCADA PROJECT UPDATE (INFORMATION TECHNOLOGY)

Mr. Khattab shared a presentation with the committee as he reviewed the information it contained including the existing, new, and upcoming SCADA sites. He provided a history of the project noting staff has completed twenty-six of the forty-two sites over the past ten years with the remaining sixteen sites to be completed over the next two years. He explained what the SCADA systems provide in terms of the water facilities including being able to see the level of tanks and reservoirs as well as the statuses of the pumps with the capabilities of turning them on when necessary.

Mr. Khattab pointed out the completed sites are Rainbow Hills Pump Station, Rainbow Hills Reservoir, Canonita Tank, Gomez Tank, and RMWD Connection 10. He stated that RMWD Connection 10 provides water from Metropolitan Water District.

Mr. Nelson inquired as to the consultant RMWD uses for the SCADA project. Mr. Khattab answered Freedom Automation noting it took them three months to mobilize and are moving at a pace of one site per month. He noted RMWD will need to stop Freedom Automation before the end of the year and start up again in July 2023 due to the allocated funds that were budgeted being fully depleted.

Mr. Nelson asked for clarification regarding the need to pause the project and whether this causes a problem with the consultant. Mr. Khattab explained in the next month or so the funds allocated for this project will be depleted; however, the consultant was aware of the situation. Mr. Nelson asked how much money would be needed to not have to pause this project. Mr. Khattab stated it would be approximately \$25,000. Discussion ensued.

Mr. Khattab continued with the presentation as he talked about radio communications as well as the sites currently under maintenance. Discussion followed.

Mr. Khattab reported the work completed at the five sites included the installation of remote telemetry units and programming of the programmable logic controller. He shared photographs of the different sites while noting part of the plan was to add cameras at each.

Mr. Nelson asked about the issues associated with attaching equipment to a tank. Mr. Kennedy clarified RMWD would be able to remove its own equipment when tank maintenance is being conducted.

***22. AS-NEEDED SERVICES EXPENDITURES SUMMARY (ENGINEERING)**

Mr. Nelson thanked staff for the updates to the report so that it is easier to understand.

23. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING AND OPERATIONS COMMITTEE MEETING

It was noted the wireless facility with Qualtek Wireless, right-of-way updates for the Lift Station 1, Hutton, and Turner projects, and San Luis Rey Groundwater matter should be on the next committee agenda.

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24. ADJOURNMENT

The meeting was adjourned by Chairperson Nelson.

The meeting adjourned at 5:21 p.m.

Flint Nelson, Committee Chairperson

Dawn M. Washburn, Board Secretary

**AS-NEEDED CONTRACT EXPENDITURES REPORT
APRIL 2022**

CONTRACT INFO	FUND SOURCE	ASSIGN. NO.	STATUS	DATED	DESCRIPTION	CONTRACT AMOUNT	AUTHORIZED ASSIGNMENT
CONTRACT AMOUNT						\$ 50,000.00	
Title: As-Needed Land Surveying Services Firm: Johnson-Frank & Assoc. Expires: 8/29/2022* (C#18-16) *One year extension. CO-01 for \$0, No Cost Ext. BoD 6/22/21.	NON-CIP	2019-01	Closed	5/14/2019	Topography - Dentre De Lomas Road repair.		\$ 5,115.40
	NON-CIP	2019-02	Closed	8/6/2019	Easement review - McDowell / Mead.		\$ 4,100.00
	NON-CIP	2020-03	Closed	9/19/2020	Survey & Reset Monument on Los Alisos Lane.		\$ 6,079.00
	CIP	2021-04	Closed	5/3/2021	Prepare Plat Map - Thoroughbred Lift Station		\$ 22,403.50
					Unspecified		\$ 12,302.10
TOTALS:						\$ 50,000.00	\$ 50,000.00
CONTRACT AMOUNT						\$ 150,000.00	
Title: As-Needed Land Surveying Services Firm: KDM Meridian, Inc. Expires: 8/29/2022* (C#18-14) *One year extension. CO-01 for \$50K BoD 5/26/20, CO-02 for \$50K BoD 6/22/21.	NON-CIP	2018-01	Closed	9/11/2018	Stake easement on Morro Hills due to 20" watermain failure.		\$ 7,280.00
	CIP	2019-02	Closed	1/9/2019	RMWD "Base Map" to perform in-house design of proposed water facilities on Via Ararat.		\$ 5,800.00
	CIP	2019-03	Cancelled	---	Assignment Cancelled - 4 PTR Plottable Easements.		\$ -
	CIP	2019-04	Closed	4/24/2019	Stake easement on Gird Road for construction project.		\$ 5,400.00
	CIP	2019-05	Closed	6/18/2019	Legal and Plat for Campbell - Via Ararat.		\$ 1,195.00
	NON-CIP	2019-06	Closed	10/24/2019	Stake easement on Via Oeste Drive and Laketree Drive.		\$ 10,900.00
	CIP	2019-07	Closed	11/8/2019	Easements for new PS on W. Lilac/Via Ararat.		\$ 4,100.00
	NON-CIP	2020-08	Closed	4/6/2020	Linda Vista Drive - Mainline Break.		\$ 5,563.00
	CIP	2020-09	Closed	4/6/2020	Gird Road - Winery easement anlysis and exhibit.		\$ 7,680.00
	CIP	2020-10	Closed	9/1/2020	Additional Gird Road - Winery easement analysis and new exhibit.		\$ 5,320.00
	CIP	2020-11	Closed	11/6/2020	Easement for Hialeah PRS - Via De La Reina.		\$ 3,990.00
	NON-CIP	2020-12	Closed	12/3/2020	Stake easement - Winterhaven Court		\$ 4,490.00
	NON-CIP	2020-13	Closed	12/16/2020	Legal and Plat for Gird Road - Winery.		\$ 5,460.00
	CIP	2021-14	Open	1/29/2021	Survey & staking of easements - Rancho Amigos. Auth \$815 over. (Staff evaluating if more work may be needed.)		\$ 7,530.00
	CIP	2021-15	Closed	5/27/2021	Survey & staking of easement - Turner Pump Station. (Staff evaluating if more work may be needed.)		\$ 5,665.00
	NON-CIP	2021-16	Closed	7/22/2021	Prepare documentation to file a quit claim for Rainbow easement at Fire Station 4.		\$ 1,500.00
	NON-CIP	2021-17	Closed	7/29/2021	Bonsall Park prepare documentation for new easement and quit claim documentation for existing easement.		\$ 7,240.00
				Unspecified		\$ 60,887.00	
TOTALS:						\$ 150,000.00	\$ 150,000.00
CONTRACT AMOUNT						\$ 150,000.00	
Title: As-Needed Land Surveying Services Firm: Right-of-Way Eng. Expires: 8/29/2022* (C#18-15) *One year extension. CO-01 for \$50K BoD 5/26/20, CO-02 for \$50K BoD 6/22/21.	NON-CIP	2019-0A	Closed	5/15/2019	Title Reports, Legals & Plats - Los Sicomoros.		\$ 7,705.00
	NON-CIP	2019-0B	Closed	6/18/2019	Adams Property Easement - Ranger Road.		\$ 1,885.00
	CIP	2019-0C	Closed	6/30/2019	Pardee Easement - North River.		\$ 2,875.00
	NON-CIP	2019-01	Closed	6/19/2019	Easement Survey - Grove View Road.		\$ 4,220.00
	CIP	2019-02	Closed	10/3/2019	Easement Survey - Pala Mesa/Tealote/Fire Rd/Pala Lake.		\$ 15,640.00
	CIP	2019-03	Closed	11/6/2019	Easement Survey - Moosa Creek Pump Station. Restake and reconfigure easement authorized additional \$525.		\$ 5,675.20
	CIP	2020-04	Closed	2/19/2020	Lemonwood Easement Location.		\$ 5,370.00
	CIP	2020-05	Closed	6/9/2020	Easement Survey - Hutton Pump Station.		\$ 5,687.50
	CIP	2020-06	Closed	7/30/2020	Easement Survey - Rainbow Heights Rd - Calfire Camp Site .		\$ 5,756.00
	CIP	2020-07	Closed	8/26/2020	Easement Survey - RHR - Calfire Camp Site Additional Services. Cancelled.		\$ 2,276.00
	CIP	2020-08	Closed	10/19/2020	Easement Survey - OHE Rancho Del Caballo.		\$ 1,620.00
	CIP	2020-09	Closed	11/3/2020	Easement Survey - Rainbow Heights Rd. Westside - Calfire Camp Site.		\$ 11,521.00
	CIP	2021-10	Closed	1/11/2021	Topographic Survey - Rainbow Heights Road		\$ 8,820.00
	CIP	2021-11	Closed	1/19/2021	Easement Survey - Skycrest Drive.		\$ 7,710.00
	CIP	2021-12	Closed	2/4/2021	Easement Survey, Legal Desc./Plat Map - Camino Del Cielo. (Additional \$518 was approved by staff.)		\$ 5,490.00
	CIP	2021-13	Closed	2/23/2021	Easement Survey/County ROW Marking, Topo Map - Camino Del Cielo.	\$ 103,700.70	\$ 2,320.00
	CIP	2021-14	Closed	2/23/2021	Easement Survey - Skycrest Drive.		\$ 4,720.00
CIP	2022-15	Closed	1/25/2022	Old Mission Road (LS-1) - Legal Description & Plat Map		\$ 2,940.00	
CIP	2022-16	Open	2/1/2022	River Village-Daniels Market (LS-1) - Staking Easements Centerlines/Limits (Additional \$840 was approved by staff.)		\$ 1,470.00	
CIP	2022-17	Open	4/5/2022	Hutton/Turner - Locate Existing Easements & Stake Limits.		\$ 6,940.00	
				Unspecified		\$ 39,359.30	
TOTALS:						\$ 150,000.00	\$ 150,000.00
CONTRACT AMOUNT						\$ 50,000.00	
Title: As-Needed Civil Engineering Services Firm: Dudek Expires: 6/25/2022 (C# 19-16) CO-01 for (\$100K) BoD 6/22/21.	Both	2019-01	Closed	12/18/2019	PRS and other Schematic Design/Drafting Services.		\$ 10,000.00
	CIP	2020-02	Closed	8/5/2020	Design of Hutton Pump Station Site - Assignment Cancelled.		\$ 1,787.50
					Unspecified		\$ 38,212.50
TOTALS:						\$ 50,000.00	\$ 50,000.00

**AS-NEEDED CONTRACT EXPENDITURES REPORT
APRIL 2022**

CONTRACT INFO	FUND SOURCE	ASSIGN. NO.	STATUS	DATED	DESCRIPTION	CONTRACT AMOUNT	AUTHORIZED ASSIGNMENT	
						CONTRACT AMOUNT		
Title: As-Needed Civil Engineering Services Firm: Omnis Consulting, Inc. Expires: 7/01/2022 (C#19-17) CO-01 for \$150K BoD 6/23/20.	NON-CIP	2019-01	Closed	7/16/2019	PS&E Pavement Repair - Dentro De Lomas.	\$ 300,000.00		
	CIP	2019-02	Closed	8/1/2019	Olive Hill Estates Transmission Water Main.		\$ 8,890.00	
	CIP	2019-03	Closed	10/14/2019	Vista Valley Retaining Wall Design.		\$ 73,700.00	
	CIP	2019-04	Closed	12/3/2019	Sarah Ann to Gird Road Force Main Replacement.		\$ 23,495.00	
	CIP	2020-05	Closed	3/24/2020	Gird Road Water Main Upsize.		\$ 22,790.00	
	CIP	2020-06	Closed	8/5/2020	Caltrans Encroachment Permit Renewal.		\$ 21,120.00	
	NON-CIP	2020-07	Open	10/14/2020	Standard Drawing - CAD Updates.		\$ 6,410.00	
	NON-CIP	2020-08	Closed	10/29/2020	PEIR Pipe Alignment Analysis.		\$ 4,400.00	
	CIP	2021-09	Open	4/19/2021	Sarah Ann Waterline Replacement.		\$ 19,920.00	
	CIP	2021-10	Closed	4/19/2021	Rainbow Water Quality Improvement Relocation Design. Amended for additional design services.		\$ 6,800.00	
	CIP	2021-11	Open	6/9/2021	Wilt Road Water Pipeline Design.		\$ 13,900.00	
	CIP	2021-10A	Open	10/26/2021	Rainbow Water Quality Improvement Relocation Design. Amended for additional design services.		\$ 45,905.00	
	CIP	2021-12	Open	12/15/2021	Additional Services for Wilt Road Water Pipeline Design.		\$ 6,290.00	
	NON-CIP	2021-13	Open	2/3/2022	Rice Canyon Road - Prepare Street Improvement Plans		\$ 23,090.00	
				Unspecified		\$ 8,630.00		
						TOTALS:	\$ 300,000.00	\$ 300,000.00
						CONTRACT AMOUNT		
Title: As-Needed Civil Engineering Services Firm: HydroScience Eng., Inc. Expires: 6/25/2022 (C#19-18) CO-01 for \$40K BoD 6/22/21.	CIP	2019-01	Open	12/18/2019	Live Oak Park Road Bridge Crossing.		\$ 110,000.00	
	CIP	2022-02	Open	2/2/2022	Additional Services for Live Oak Park Road Bridge Crossing. Bid Support/Engineering Services during Construction.		\$ 42,020.00	
					Unspecified		\$ 24,290.00	
							TOTALS:	\$ 110,000.00
						CONTRACT AMOUNT		
Title: As-Needed Real Estate Appraisal Services Firm: Anderson & Brabant, Inc. Expires: 6/25/2022 (C# 19-19) CO-01 for \$20K BoD 6/22/21.	CIP	2019-01	Closed	9/19/2019	North River Rd Easement Appraisal.		\$ 40,000.00	
	CIP	2020-02	Closed	2/19/2020	PRS Fire Road Appraisal.		\$ 3,500.00	
	CIP	2021-03	Closed	4/28/2021	Hutton Pump Station Site Appraisal. (Staff authorized additional work.)		\$ 7,500.00	
	CIP	2021-04	Closed	8/11/2021	Thoroughbred Lift Station Appraisal. (Four Reports)		\$ 17,500.00	
	CIP	2022-05	Open	2/1/2022	S. Mission Road (LS-1) - Fair Market Appraisal		\$ 3,500.00	
					Unspecified		\$ 500.00	
						TOTALS:	\$ 40,000.00	\$ 40,000.00
						CONTRACT AMOUNT		
Title: As-Needed Real Estate Appraisal Services Firm: ARENS Group, Inc. Expires: 6/11/22 (C# 19-20) CO-01 for \$20K BoD 6/22/21.	NON-CIP	2019-01	Closed	7/15/2019	Bonsall Reservoir Appraisal (to include rent value).		\$ 40,000.00	
	CIP	2020-02	Closed	1/7/2020	Moosa Creek Pump Station Easement Appraisal.		\$ 3,050.00	
	CIP	2020-03	Closed	1/7/2020	Hutton Pump Station Easement Appraisal.		\$ 5,350.00	
					Unspecified		\$ 3,400.00	
						TOTALS:	\$ 40,000.00	\$ 40,000.00
						CONTRACT AMOUNT		
Title: As-Needed Geotechnical Services Firm: Leighton Consulting, Inc. Expires: 11/13/2022 (C# 19-39)	CIP	2020-01	Closed	6/25/2020	Rainbow Heights Pump Station geotechnical exploration.		\$ 100,000.00	
	CIP	2021-02	Closed	4/15/2021	Turner Pump Station geotechnical exploration.		\$ 8,630.00	
	CIP	2021-03	Open	5/15/2021	Hutton Pump Station geotechnical exploration.		\$ 14,300.00	
					Unspecified		\$ 8,450.00	
						TOTALS:	\$ 68,620.00	\$ 100,000.00
						CONTRACT AMOUNT		
Title: As-Needed Geotechnical Services Firm: Ninyo & Moore G.E.S. Expires: 11/1/2022 (C# 19-40)	NON-CIP	2020-01	Closed	3/26/2020	Dentro De Lomas - Geotech observation & material testing. Proj. #2		\$ 100,000.00	
	NON-CIP	2020-02	Closed	8/6/2020	Vista Valley Villas PRS geotech observation & material testing.		\$ 6,518.00	
	NON-CIP	2021-03	Open	5/6/2021	Dentro De Lomas - Geotech observation & material testing. Proj. #1		\$ 10,235.00	
	CIP	2021-04	Open	2/9/2022	Rice Canyon Road Improvements geotech observation & material testing.		\$ 6,097.00	
					Unspecified		\$ 3,422.00	
						TOTALS:	\$ 73,728.00	\$ 100,000.00

**AS-NEEDED CONTRACT EXPENDITURES REPORT
APRIL 2022**

CONTRACT INFO	FUND SOURCE	ASSIGN. NO.	STATUS	DATED	DESCRIPTION	CONTRACT AMOUNT	AUTHORIZED ASSIGNMENT
CONTRACT AMOUNT						\$ 100,000.00	
Title: As-Needed Geotechnical Services	CIP	2020-01	Closed	7/7/2020	Olive Hills Estates Trans. Main geotech observation/field test.		\$ 36,619.00
Firm: ATLAS (SCST, LLC)					Unspecified		\$ 63,381.00
Expires: 11/20/2022 (C# 19-41)							
TOTALS:						\$ 100,000.00	\$ 100,000.00
CONTRACT AMOUNT						\$ 170,000.00	
Title: As-Needed Construction Management & Insp. Services	CIP	2020-01	Closed	3/13/2020	CM Support Services for the WSUP.		\$ 100,000.00
Firm: Harris & Associates	CIP	2020-02	Closed	4/7/2020	Constructability design review of PUP-1.		\$ 6,270.00
Expires: 1/28/2023 (C# 20-01)	NON-CIP	2020-03	Open	4/21/2020	Sewer North River Road - Emergency Repair.		\$ 11,000.00
CO-01 for \$20K BoD 6/22/21.	CIP	2020-04	Closed	9/21/2020	District Wide Inspection Services.		\$ 20,000.00
	CIP	2022-05	Open	1/6/2022	Continued District Wide Inspection Services.		\$ 20,000.00
					Unspecified		\$ 12,730.00
TOTALS:						\$ 170,000.00	\$ 170,000.00
CONTRACT AMOUNT						\$ 50,000.00	
Title: As-Needed Construction Management & Insp. Services					Unspecified		\$ 50,000.00
Firm: Reilly Construction Mmnt.							
Expires: 1/28/23 (C# 20-02)							
CO-01 for (\$100K) BoD 6/22/21.							\$ -
TOTALS:						\$ 50,000.00	\$ 50,000.00
CONTRACT AMOUNT						\$ 325,000.00	
Title: As-Needed Environmental Services	CIP	2020-01	Closed	5/13/2020	Pipeline Upgrade Project - Disney Lane - Cultural/ Biological Evals.		\$ 9,148.00
Firm: Helix Environmental	CIP	2020-02	Closed	5/13/2020	Pipeline Upgrade Project - Via Vera - Cultural/Biological Evals.		\$ 9,155.00
Expires: 2/25/2023 (C# 20-03)	CIP	2020-03	Closed	5/14/2020	Pipeline Upgrade Project - Hutton Pump Station - Cultural/Biological Evals.		\$ 13,209.00
CO-01 for \$110K BoD 6/22/21. CO-02 for \$115K BoD 12/7/21.	CIP	2020-04	Closed	5/14/2020	Pipeline Upgrade Project - Turner Pump Station - Cultural/Biological Evals.		\$ 13,209.00
	CIP	2020-05	Closed	7/16/2020	North River Road Sewer Points Repair - Biological Survey.		\$ 3,900.00
	CIP	2020-06	Closed	9/10/2020	Gopher Canyon Water Pipeline Impv. Project - CEQA IS/MND.		\$ 34,695.00
	CIP	2021-07	Closed	3/25/2021	Rainbow Heights Pipe Installation - Bird Survey.		\$ 5,000.00
	CIP	2021-08	Open	5/21/2021	RMWD HQ - Biological Survey & Buffer Mapping.		\$ 11,684.00
	CIP	2021-09	Open	11/16/2021	CIP General Environmental Support Services		\$ 25,000.00
	CIP	2021-10	Open	11/30/2021	Hutton & Turner Pump Stations - Cultural, Biological, Noise Reports. CEQA - IS/MND.		\$ 46,603.00
	CIP	2021-11	Open	12/8/2021	Rice Canyon Pipeline - Cultural & Tribe Monitoring		\$ 111,400.00
	CIP	2022-12	Open	1/10/2022	LS-1 Environmental Compliance		\$ 48,798.00
					Unspecified		\$ (6,801.00)
TOTALS:						\$ 325,000.00	\$ 325,000.00
CONTRACT AMOUNT						\$ 85,000.00	
Title: As-Needed Environmental Services	CIP	20-01	Closed	11/6/2020	Rainbow Heights Road Transmission Main Biological Survey.		\$ 3,240.00
Firm: Rincon Consultants	NON-CIP	22-02	Open	3/3/2022	Nesting Bird Survey at Gopher, Morro and Canonta tanks, prior to tree/vegetation clearing.		\$ 4,185.25
Expires: 2/25/2023 (C# 20-04)					Unspecified		\$ 77,574.75
CO-01 for (\$15K) BoD 6/22/21.							
TOTALS:						\$ 85,000.00	\$ 85,000.00
CONTRACT AMOUNT						\$ 85,000.00	
Title: As-Needed Environmental Services					Unspecified		\$ 85,000.00
Firm: Michael Baker International							
Expires: 3/24/2023 (C# 20-05)							
CO-01 for (\$15K) BoD 6/22/21.							
TOTALS:						\$ 85,000.00	\$ 85,000.00

