

**MINUTES OF REGULAR MEETING**  
**July 7, 2022**  
**RUBIDOUX COMMUNITY SERVICES DISTRICT**

**DIRECTORS PRESENT:** Armando Muniz  
Bernard Murphy  
John Skerbelis  
Hank Trueba, Jr.  
F. Forest Trowbridge

**DIRECTORS ABSENT:**

**STAFF PRESENT:** Jeffrey Sims, General Manager  
Brian Laddusaw, Finance Director  
Ted Beckwith, District Engineer  
Brian Jennings, Customer Service Manager  
Miguel Valdez, Operations Manager

Call to order: the meeting of the Board of Directors of the Rubidoux Community Services District by President Trueba, at 4:00 P.M., Thursday, July 7, 2022, by teleconferencing at District Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

**ITEM 4. APPROVAL OF MINUTES**

Approval of Minutes for June 16, 2022, Board Meeting.

**Director Muniz moved, and Director Skerbelis seconded to approve the June 16, 2022, Regular Board Minutes as presented.**

**Roll call:**

**Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)**

**Noes – 0**

**Abstain – 0**

**Absent – 0**

**The motion was carried unanimously.**

**ITEM 5. Consideration to Approve the July 8, 2022, Salaries, Expenses and Transfers.**

Consideration to Approve the July 8, 2022, Salaries, Expenses and Transfers.

**Director Murphy moved, and Director Skerbelis seconded to Approve the July 8, 2022, Salaries, Expenses and Transfers.**

**Roll call:**

**Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)**

**Noes – 0**

**Abstain – 0**

**Absent – 0**

**The motion was carried unanimously.**

**ITEM 6. PUBLIC ACKNOWLEDGE OF NON-AGENDA MATTERS**

There were no members of the public to address the board.

**ITEM 7. CORRESPONDENCE AND RELATED INFORMATION**

Staff had no information to offer at this time.

**ITEM 8. MANAGER’S REPORT**

Director of Finance, Brian Laddusaw gave a detailed presentation on accounts receivables. This covered SB 998 – The Water Shutoff Protection Act, enacted February 1, 2020. A month later Governor Newsom in response to COVID-19 issued a water shut-off moratorium. The moratorium lasted 22 months, ending December 31, 2021. Since the moratorium has ended, customers face District shut-off for lack of payment. There has been a gradual decrease in delinquent balances in the past six (6) months. As for payment arrangements, there has been a gradual decrease in that as well. For other customer assistance, United Lift has helped 29 customers. Additionally, the District has received funding from the SWRCB lowering both water and sewer arrearages. A new program called Riverside CAP (Community Action Partnership) starting June 1, 2022 has had 6 participants.

**Emergency and Fire Report:**

Director Murphy asked Chief Veik about the fuel mitigation question at the town hall meeting and that someone was spearheading it. He was inquiring the name of the person in charge. The Chief’s response: The Homeless Task Force: Chief Bill Weiser

**ITEM 9. Consider Contribution to the Water Crisis Coalition. DM 2022-59.**

**BACKGROUND**

This matter was considered by the board of Directors on April 21, 2022 and was not approved. Since then, the General Manager was requested by a Board Member to put on the agenda for reconsideration.

On March 28, 2022, Governor Newsom issued Executive Order No. N-7-22 (“Order”), attached, ordering various actions mandated by the State of California to address drought impacts. Amongst other requirements the Order indicates on or before May, 2022, the State Water

Resources Control Board (“Water Board”) shall consider adopting emergency regulations including:

1. All water suppliers submit to the Department of Water Resources a preliminary annual water supply and demand assessment no later than June 1, 2022, and then submit a final water supply and demand assessment no later than the deadline set by Section 10632.1 of the Water Code.
2. Each water supplier who has submitted a Water Shortage Contingency Plan (“WSCP) at a minimum implement a water shortage level of up to twenty percent (20% reduction in demand. The District has met the requirements to submit the annual water supply and demand assessment.

With these regulations the Department of Water Resources anticipates the final annual water supply and demand assessments for each water supplier will include a 20% reduction in demand. The District has met the requirements to submit the annual water supply and demand assessment.

Rubidoux Community Services District (“District”) pumps from the Riverside Basin for 100% of its water supply and historically the basin has not experienced any significant water level decline. This is due to active basin management as required by agreements dating back to 1969, and location. The District benefits from being at the downstream end of connected basins replenished by a large watershed. The watershed receives rain and snowmelt, active groundwater recharge, runoff from urban water uses, and recycled water from wastewater treatment. Although the District receives no imported water and anticipates being able to meet all customer demand throughout this summer and fall, it will need to comply with the Order and implement a call for a 20% water use reduction by customers. As the Water Board provides more details on directives staff will advise the Board.

The state and its leadership indicate the need for the emergency Order directly because of impacts caused by climate change. This is clearly delineated in the first two recitals of the Order.

Historically precipitation and snowmelt in California and states overlying the watershed area tributary to the Colorado River has been recorded and studied for decades. It has been observed over the past twenty or so years precipitation events are shorter in duration but more intense, and snowmelt occurs over a shorter period. Exacerbating this is population growth in the western states. Whether or not precipitation and runoff event changes are attributable to man-made or naturally happening activities resulting in climate change, there has been observable change. The water supply community has recognized this and to mitigate has implemented various innovations – salt-water desalination, groundwater recharge and banking, interagency water transfers, recycled water reuse, education, and conservation. Despite all these efforts water suppliers in areas highly dependent on imported water from the State Water Project (water from northern California) or the Colorado River Aqueduct System (water from the Colorado Basin) are severely impacted.

The water management community for years has advocated for construction of large surface storage facilities to capture the intense, shorter duration precipitation and snowmelt, and for construction of conveyance facilities around the Sacramento Area Delta to avoid environmental issues. Various environmental and recreational groups lobby/advocate to state policymakers these improvements will be bad for the environment – animals, fish, plants. As a result, vast

volumes of water flows to the Pacific Ocean rather than stored, conveyed and used by humans, agri-business, and the economy.

This drought cycle is a repeat of the drought crisis experienced in the recent past, with the same water conservation calls made by the Governor and Legislature. Water supply leaders throughout the state agree there is a water crisis, but the state needs to take more action in implementing projects. It is believed water policy in the state has been disproportionately influenced by lobbyist representing environmental and recreational interests who discourage implementing necessary major storage and conveyance projects. To combat this, the “Solve the Water Crisis Coalition” (“Coalition”) was formed.

The Coalition Mission is –

“Solve the Water Crisis Coalition, through a critically needed education effort, will bring into sharp focus the ongoing water supply crisis that is already impacting residents’ quality of life, economic growth, community health, and the environment, as well as risking California’s future. By raising awareness among California policymakers and thought leaders, Solve the Water Crisis Coalition will demonstrate the enormous water supply crisis and the urgency that requires bold and immediate State action to secure California’s future.”

The goal is to get information about various water projects needing to be implemented in the state to retain the value of the investments already made by the state on the State Water Project and Colorado River Aqueduct.

This will take significant effort of the water community, business, and agri-business. This effort takes funding.

KP Public Affairs (“KP” is a public affairs and lobbying firm well connected at the state and federal level. KP has provided a Program Outline of the effort proposed to work on creating awareness. The Coalition Program Outline is attached and proposes two phases, each six-months in duration. To fund KP and the Coalition efforts, a call has been made for \$15,000 contributions by interested parties. Attached is an email from Western Municipal Water District showing 21 agencies have already committed \$15,000 each and 26 additional agencies, are considering participation. Prior to the end of the first phase of work, the Coalitions’ efforts and progress will be evaluated, and a second \$15,000 may be requested.

Staff is recommending the Board participate financially in this Coalition by contributing \$15,000. Although the District historically met all demands using local groundwater, long-term the District will need access to imported water for water quality purposes. Investing in the process of educating policymakers is an industry endeavor to promote sound water policy decisions. The hope is policymakers will begin to fund improvements consistent with the current reality of water resources and build off past investments made by the state.

This \$15,000 was not included in the FY 2023 Budget and will require a budget amendment if the Board approves participation. Funding could come from District Water Fund Reserves.

**Director Skerbelis moved, and Director Muniz seconded the Board of Director’s authorize the General Manager to:**

- 1. Amend the FY 2023 Budget to allocate \$15,000 of District Water Fund Reserves to a new line item in Water Fund Operating Expenses – Water Policy Advocacy.**
- 2. Sign Master Agreement with KP for Public Relations to Solve the Water Crisis Coalition**
- 3. Pay Invoice 1025 in the amount of \$15,000 to Solve the Water Crisis in trust of KP.**

**Roll call:**

**Ayes – 4 (Muniz, Skerbelis, Trowbridge, Trueba)**

**Noes – 1 (Murphy)**

**Abstain – 0**

**Absent – 0**

**The motion was carried with a 4-1 vote.**

**ITEM 10. Consider Adoption of Resolution No. 2022-892, a Resolution Which Amends the District’s Standard Conflict of Interest Code. DM 2022-60.**

**BACKGROUND**

In 1990, the Rubidoux Community Services District (“District”) adopted Resolution No. 604 which designated District employees, agents and consultants who could make recommendations or participate in the decision-making process regarding District projects which may have a material effect on financial interests. In 2004, staff reviewed Resolution No. 604 and revised the designation to reflect current employee titles, agents and consultants. In addition, the District adopted the Fair Political Practices Commission Standard Conflict of Interest Code with Resolution No. 742. Staff last amended the District’s Conflict of Interest Code and updated its Designated Employees and Categories List in 2020.

Pursuant to the Political Reform Act, every local government agency is required to review its conflict-of-interest code biennially. A conflict-of-interest code tells public officials, governmental employees, and consultants what financial interests they must disclose on their Statement of Economic Interests (Form 700). The Fair Political Practices Commissions considers the following changes to the District since 2020 as a need to update its conflict-of-interest code:

- 1. Positions have been eliminated or re-named. Since 2020, the District’s Operations/Facilities Manager was renamed to the Director of Operations, aligning the positions title with other departments.**

Based upon the changes noted above, staff has amended its conflict-of interest code to reflect current employee titles. Those revisions are reflected in Appendix “A” of Resolution No. 2022-892.

**Director Skerbelis moved, and Director Murphy seconded adoption of Resolution No. 2022-892, a Resolution Which Amends the District’s Standard Conflict of Interest Code. Resolution No. 2022-892 will supersede Resolution No. 2020-871.**

**Roll call:**

**Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)**

**Noes – 0**

**Abstain – 0**

**Absent – 0**

**The motion was carried unanimously.**

**ITEM 11. Consider Reimbursement Agreement with Developers of the Agua Mansa Commerce Park for Added Fire Flow Costs. DM 2022-61.**

**BACKGROUND**

Agua Mansa Commerce Predev., LLC is developing a project within Rubidoux Community Services District's ("District") service area called the Agua Mansa Commerce Park ("Project"). The Project encompasses 201.96 acres in the northerly portion of the District on the east side of Rubidoux Blvd. at El Rivino Road. Planned land uses in the Project include warehouse/logistic with buildings up to 1.5 MSF. The current Project Site Development Plan is attached. Due to the size of the buildings, County Fire has conditioned the Project with a fire flow requirement of 4,000 gallons per minute ("ppm") for a 4-hour duration, equating to a total fire storage requirement of 960,000 gallons.

The District's 2015 Water Master Plan was used to size facilities and develop necessary Water Capacity Fees was based in part on a fire flow requirement of 5,000 gpm for a 2-hour duration, equating to a total fire storage requirement of 600,000 gallons.

The Project fire storage requirement of 960,000 gallons is 360,000 gallons greater than the fire storage volume of 600,000 gallons included in the District's Water Master Plan. As an alternative to requiring the Project build 360,000 gallons of added storage to proceed, staff confirmed that on a temporary basis the District could meet the higher fire flow requirement using existing District facilities. The analysis determined between existing storage and well production, the District can accommodate the higher fire flow requirement until added storage is built.

In the 2022 Water Master Plan update, the additional 360,000 gallons of storage has been included into the overall storage requirements the District will need for ultimate buildout in the 1066' Pressure Zone ("PZ"). Using cost estimates from the 2022 Water Master Plan update, the cost for 360,000 gallons of storage is \$428,993. This represents a proportionate share of the \$10.13 M estimate to fund 8.5 MG of future storage master planned for the 1066' PZ at buildout.

The 2022 Water Master Plan indicates there is 664 acres within the 1066' PZ anticipated by the City of Jurupa Valley to be developed as future industrial and/or business park land use. The Project's area of 201.96 acres is part of this. It is unknown how many other projects will be built on the remaining acreage in the 1066' PZ or need the higher fire flow requirement, the District will on a temporary basis allow the Project to benefit from existing surplus system capacity provided:

1. Agua Mansa Commerce Predev., LLC pay the District the entire cost for the added storage to meet the higher fire flow requirement, \$428,993.
2. Agua Mansa Commerce Predev., LLC recognizing its' proportionate share of the total cost for added storage to meet the higher fire flow would be \$130,466.16 if all 664 acres of lands within the 1066' PZ anticipated by the City of Jurupa Valley is developed as future industrial and/or business park land use and conditioned with the higher fire flow requirement.
3. Agua Mansa Commerce Predev., LLC agrees it is eligible for a ten-year period to receive reimbursement from funds up to \$298,526.84 collected by the District from other developers in the 1066's PZ benefitting from added storage to meet the higher fire flow.

The attached Fire Flow Facilities Reimbursement Agreement<sup>6</sup> ("Agreement") memorializes the terms and understandings regarding payments Agua Mansa Commerce Predev., LLC makes to the District for temporary use of existing District facilities to meet the higher fire flow requirement, and subsequent potential reimbursement.

Staff and District Counsel have coordinated with Agua Mansa Commerce Predev., LLC in the development of the attached Agreement and recommend the Board of Directors consider its approval.

**Director Murphy moved, and Director Trowbridge seconded the Board of Directors to authorize the General Manager to sign the agreement entitled – "Fire Flow Facilities Reimbursement Agreement".**

**Roll call:**

**Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)**

**Noes – 0**

**Abstain – 0**

**Absent – 0**

**The motion was carried unanimously.**

**ITEM 12. Proposal with Albert A. Webb Associates for Preparation of Water and Energy Efficiency Grant Application for AMI Meter Install Program. DM 2022-62.**

### **BACKGROUND**

The United States Bureau of Reclamation ("USBR") provides grant funding for a variety of programs. One USBR program is the Water and Energy Efficiency Grant ("WEEG") Program. Rubidoux Community Services District ("District") submitted a grant application requesting \$1.6 M from USBR under the WEEG Program last October. This application was reviewed by USBR and rated within the top 30% of the 130 applications received. However only twenty-two applications (17%) of the applications submitted were funded due to limited funding allocated to the program.

Albert A. Webb Associates ("Webb") prepared the application submitted last October and was able to get an application debrief by USBR staff. USBR staff indicated funded applications had the following favorable common attributes – 1) water savings was minimum of 1,000 AFY (the

District's was 544 AFY), and 2) the funding request of USBR was at or below 40% of the submitted project cost (the District's was closer to 60%). USBR staff suggested the District add more context about the water savings and consider submitting the application for both Group 1 funding (\$500,000 or less) and Group 2 (up to \$1,500,000) for FY 2023 funding.

In discussion with Webb staff, the plan is to demonstrate 554 AFY of water savings represents approximately 10% of the total water supply needed annually to meet current District demand. With this savings the District can delay the installation of a new well and treatment facilities which will save money and conserve local groundwater supply.

Based on District annual water production and sales records, unaccounted water loss is a minimum of 10%. As meters age the under-read, resulting in the District under billing for the water produced, distributed, and used by customers. With new meters installed by the District would be able to accurately bill customers for the actual water used and increase revenues. It is estimated the District would recover \$300,000 \$450,000 per year with billings based on accurate meters. The cost to replace the District's 6,600 meters is estimated to cost around \$4,300,000.

A District goal is replacement of billing meters on a 10-12-year cycle. The anticipated increase in revenue from accurate meters should enable the District to achieve this programmatic meter replacement schedule. With receipt of grant funding the District could accelerate an AMI replacement program. Besides accounting for water usage and accurate customer billings, technology with AMI Meters will enable the District to:

1. Avoid hiring additional meter reading staff as the District meter count grows.
2. Provide District customers with real time water usage data.
3. Receive and send notifications if water usage is excessive, indicative of a leak

The deadline to apply for USBR grant funding under the WEEG Program is July 28, 2022. Webb has provided the District a proposal to update the application it prepared for FY 2022 USBR Funding. Their time and material, not to exceed fee is \$5,800 and leverages off the work done last year. A copy of their proposal dated June 27, 2022, is attached.

Two resolutions are attached. Both resolutions authorize the General Manager to sign on behalf of the District grant documents with USBR if the District's application is awarded grant funds. Resolution No. 2022-893 is for Group funding (up to \$500,000) and Resolution No. 2022-894 is for Group 2 funding (up to \$1,500,000).

Given the limited amount of time till the July 28, 2022 submittal deadline, staff authorized Webb to proceed with preparation of the grant using budgeted funds in the approved FY 2023 Budget – Water Fund Operating Expense, Line 38.

**Director Skerbelis moved, and Director Murphy seconded the Board of Directors authorize the General Manager to:**

- 1. Ratify staff's authorization of Webb's proposal in the amount of \$5,800 using budgeted funds in the approved FY 2023 Budget – Water Fund Operating Expenses, Line 38.**

- 2. Authorize the General Manager to issue Webb District Task Order No. 12 in the amount of \$5,800 for preparation of a grant application for AMI Meters under USBR's WEEG program.**
- 3. Approve and adopt Resolution No. 2022-893**
- 4. Approve and adopt Resolution No. 2022-894**

**Roll call:**

**Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)**

**Noes – 0**

**Abstain – 0**

**Absent – 0**

**The motion was carried unanimously.**

**ITEM 13. Consider Reimbursement Agreement with Century Communities: DM 2022-63.**

**BACKGROUND**

Century Communities of California, LLC (“Developer”) is developing a project within Rubidoux Community Services District’s (“District”) service area commonly called Emerald Ridge Sough (“Project”). The Project encompasses Multi-and Single-Family Residences in the area bounded approximately by Kenwood Place on the northeast, Canal Street on the northwest, the 60 Freeway on the southwest and Avalon Street on the southeast. This is depicted in Exhibit A of the attached agreement.

The District’s 2022 Wastewater Master Plan was adopted by the Board of Directors at the regularly scheduled June 16, 2022 Board Meeting. This Wastewater Master Plan includes the Construction of sewer facilities located in Avalon Street at two locations. The first section of offsite sewer pipeline is located from Manhole #3 at the intersection of Avalon Street and Alta Street to Station 16+54.98. The second section is from Station 16+54.98 to a District Designed sewer pipeline currently being constructed by the Developer under the 60 Freeway in Avalon to Raye Street. These two Facilities are hereinafter referred to “District Sewer Facilities”. These District Sewer Facilities are shown on Exhibit B of the attached agreement.

In order to expedite construction, these District Facilities are to be constructed by the Developer with reimbursement paid by the District as a responsibility of the District according to the District’s 2022 Wastewater Management Plan in the form of credits against wastewater System Capacity Fees (“Sewer Connection Fees”) due to the District by the Developer for the not to exceed amount of \$417,390.18 as indicated in Exhibit C of the attached agreement. The quantity of Connect Fee credits will be determined according to the then Current Sewer Connection Fees at the time service is requested, coinciding with the time water meters are installed by the District within the Project.

Staff and District Counsel have coordinated with Century Communities of California, LLC in the development of the attached Agreement and recommend the Board of Directors consider its approval.

**Director Murphy moved, and Director Skerbelis seconded the Board of Directors authorize the General Manager to sign the agreement entitled – “Reimbursement Agreement – Master Planned Sewer System Improvements, Tract No. 37640 (Century Communities).”**

**Roll call:**

**Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)**

**Noes – 0**

**Abstain – 0**

**Absent – 0**

**The motion was carried unanimously.**

**ITEM 14. Consider Adoption of Draft Water Supply Assessment for the Proposed District at Jurupa Valley Development. DM 2022-64.**

### **BACKGROUND**

On October 25, 2021 Rubidoux Community Services District (“District”) received a request from the City of Jurupa Valley for the District to prepare a Water Supply Assessment for the District @ Jurupa Valley Project (“Project” (City Case No. MA 21269). A copy of this request is attached. State Water Code Section 10910-10915, pursuant to State CEQA Guidelines Section 15155 (A) (1) (G) requires the City of Jurupa Valley to request the District to provide a Water Supply Assessment (“WSA”) due to the size and scale of the project to confirm the District’s long-term ability to meet the projects water demand.

The Project has gone through several development proposals over the years and is included in the District water and sewer master plans. The Project is an approximate 250-acre site located off the 60-Freeway and Rubidoux Blvd. The Project Site is currently entitled under the Emerald Meadows Ranch Specific Plan, approved in 2005. The District @ Rubidoux Specific Plan will establish a new master plan community will establish a new master plan community that will transform the Site into a mixed-use development comprised of warehouse/logistics, retail, commercial, hospitality, and mixed density residential, with the integration of open space and recreation uses.

The Project is located in the northeast quadrant of the City of Jurupa Valley, specifically south of State Route 60, northwest of the Santa Ana River, southeast of Rubidoux Blvd., and generally northeast of 34<sup>th</sup> St. The overall size of the Project Site is 247 acres.

The project will consist of a maximum of 1,196 residential dwelling units on 54.7 acres, 91.2 acres of commercial development, 6.5 acres of business park development, 70.8 acres of Industrial/Logistics development, and 23.6 acres of public improvements (streets, parkway, public facilities). The water demand for the proposed project is currently estimated to be less than 1,000 AF/Yr.

The area designated as The District at Jurupa Valley was identified in RCSD’s 2020 UWMP by a previous name, Emerald Meadows Ranch, with an estimated annual water demand of approximately 1,100 AF/Yr. Said estimated demand exceeds the currently estimated demand

calculated herein according to the proposed Land Use Plan. Therefore, the water demand estimated Page IV-3 of the draft WSA concludes:

**As a result of the 1969 Judgment, RCSD is guaranteed a sufficient water supply from the Riverside South Groundwater Basin to meet current and future water demands, including the demands associated with the proposed Project; even if no water is purchased from WMWD.**

The above conclusion from the draft WSA (Exhibit B) was prepared in compliance with SB 610 and SB 221. It determines the District has adequate local groundwater supplies to accommodate the proposed District @ Jurupa Valley Specific Plan Development.

**Director Muniz moved, and Director Trowbridge seconded the Board of Directors approve the adoption of the draft Water Supply Assessment report as presented.**

**Roll call:**

**Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)**

**Noes – 0**

**Abstain – 0**

**Absent – 0**

**The motion was carried unanimously.**

**ITEM 15. Expenses Associates with Well 2 GAC Premature Breakthrough. DM 2022-65.**

### **BACKGROUND**

Rubidoux Community Services District (“District”) installed granular activated carbon filtration treatment (“GAC”) at Well No. 2 to remove 1,2,3-TCP and PFAS contaminants. Over the past 5 years, the GAC in the treatment vessels has been removed and replaced as the GAC effectiveness is exhausted. Based on the flowrate of Well No. 2 and the contaminant levels present in the water, the GAC lasts approximately 9 months.

The most recent refill of GAC for Well No. 2 happened in March 2022 and the GAC was purchased from Carbon Activated Corporation (“Carbon Activated”). The new GAC was installed on March 29, 2022, and immediately after putting into service the water samples at the 75% test port showed premature breakthrough of 1,2,3-TCP and PFAS. With this observation, Well No. 2 was taken out of service and investigations began to understand why immediate contaminant breakthrough happened when there is an expectation based on prior history the GAC would last approximately 9 months.

Staff asked Trussell Technologies, Inc. (“Trussell”) to assist with the investigation. Their investigation is summarized in a June 13, 2022 Technical Memo. The investigation considered the following possible causes:

1. GAC delivered by Carbon Activated was bad
2. GAC delivered by Carbon Activated was lost during backwash operations or to system due to damaged manifold piping

3. Carbon Activated didn't deliver the amount of GAC ordered
4. Contaminant levels were higher than in the past

Trussell confirmed through sampling results by Babcock Laboratories the contaminants in the water pumped at Well No. 2 is consistent with past water quality and the GAC delivered by Carbon Activated was good. Treated water delivered into the system after treatment with the GAC was non-detect for contaminants despite immediate breakthrough at the 75% test ports. Eliminating changes in water quality was a factor and verifying the delivered GAC was effective, Trussell then investigated if there was enough GAC in the vessels.

Physical inspection of the manifold system was done to confirm GAC was not being pumped out of the vessels into the system or the detention basin located on District property. The manifold system was determined to be intact, and inspection of the detention basin found no unusual amounts of GAC. This eliminated having a mechanical failure as a cause.

This then lead Trussell to investigate if enough GAC was delivered. Trussell determined there were two issues:

1. Staff ordered half the required amount of GAC on the purchase order issued to Carbon Activated. Each treatment vessel holds 20,000 lbs. of GAC so 40,000 lbs. should have been requested on the purchase order. The purchase order issued was for 20,000 lbs. and the delivery by Carbon Activated was split in half between the two vessels upon delivery. With this volume of GAC, each vessel should have had GAC up to approximately the 50% test port.
2. Upon inspection before removal of the delivered GAC, it was physically observed the GAC was just below the 75% test port within the vessels. This indicates Carbon Activated delivered less than the 20,000 lbs. ordered on the purchase order.

Trussell was able to validate this by geometrics of the vessels to calculate volumes, locations of the test ports, and the observed level of the GAC.

Based on Trussell's work as memorialized in their June 13, 2022 memorandum, Attachment 1, the premature breakthrough of contaminants at the 75% test port was directly due to a lack of GAC being placed in the vessels. The under order of GAC on the purchase order issued to Carbon Activated was exacerbated by the apparent light delivery of GAC.

The District has since removed the GAC and refilled the Well No. 2 vessels with GAC purchased from Evoqua.

Staff has initiated discussions with Carbon Activated to recover costs the District incurred to investigate this matter using Trussell and for the lost value of the 20,000 lbs. of GAC. The Board will be kept apprised as these discussions progress.

Trussell submitted its cost for the investigative work and preparation of a Standard Operating Procedure for GAC changeouts and backwash. See Attachment 2 dated June 28, 2022. The cost is \$19,250. Funds to pay this are available as an operating expense in the Water Fund.

**Director Trowbridge moved, and Director Muniz seconded the Board of Directors authorize payment of \$19,250 to Trussell Technologies for investigative work associated with Well No. 2 and preparation of a Standard Operating Procedure for GAC Changeouts.**

- 1. Approve the Annual Water Supply and Demand Assessment; and**
- 2. Authorize staff to file the Annual Water Supply and Demand Assessment with the California Department of Water Resources (DWR) on or before July 1, 2022.**

**Roll call:**

**Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)**

**Noes – 0**

**Abstain – 0**

**Absent – 0**

**The motion was carried unanimously.**

**ITEM 16. CLOSED EXECUTIVE SESSION – Pursuant to Government Code 54956.8:**

**Real Property Negotiations**

**Property: 5473 Mission Blvd., Jurupa Valley, CA**

**Agency Negotiator: Jeff Sims, General Manager**

**Under Negotiation: Purchase Contract Terms, Financing**

**ITEM 17. Directors Comments**

Director Murphy would like to thank the city staff for getting the trash cleared out of Fire Station 38.

The Interagency Council meeting is at the District office on July 22, 2022.

Director Trueba adjourned the meeting at 5:37 PM.