

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT

1 of 5

Minutes of: Agricultural Water Rates Task Force, Meeting #12
Date of meeting: March 28, 2019
Time of meeting: 5:30 pm
Place of meeting: Mayors Ceremonial Room, 7th Floor City Hall
3900 Orange St., Riverside, CA 92501

Meeting was called to order by Chair Wilson

Chair Wilson opened the meeting by welcoming Gurumantra Khalsa to the Task Force representing the second seat for Ward 2. He also reminded the Task Force that the 3rd update to the Utility Land Use Committee will be at 1pm on Monday April 8, 2019. Staff stated that the next Task Force meeting will be on Thursday April 25, 2019 although the Agenda showed April 28.

Pledge of allegiance to the flag was given by Ed Adkison

Roll Call

Present: Seth Wilson (Chair)	David Crohn (Vice-chair)	Michele Sheehe
Barbara Croonquist	Jason Gless	Darleen De Mason
Sharon Mateja	Tom Evans	Jason Hunter
Dale Sexton	Ed Adkison	Rose Mayes
Scott Andrews	Gilberto Esquivel	Steven Robillard
Gurumantra Khalsa		

1. Citizen Participation

Carly Gaynor (Water Planning & Policy Manager) from Western Municipal Water District (WMWD) spoke about the 2017 agreement between the City and WMWD and how it represents the ability to both wheel water and to purchase surplus water. She provided a handout that is attached to these minutes.

Rick Moslenko spoke about his concerns in regards to some of the new limitations within the Hybrid proposal, the complicated formulas and the excessive staff expense to administer the rate. He reminded the Task Force that their decisions have far reaching consequences.

Scott Simpson spoke about his concerns in regards to the Hybrid proposal possibly being the potential cause of death of citriculture in Riverside.

Scott Berndt of Fox Farms spoke about how a water budget should have real world examples for the allocation amounts along with the water rate being reduced for such a budget type approach.

2. Approval of meeting minutes for February 21, 2019 meeting

Member Adkison passed out a document containing suggested corrections to Item 5 of the February 21, 2019 draft meeting minutes regarding clarification of the motions involved with Item 5. Discussion followed with member Evans stating he felt staff ignored the direction of the Task Force to move the WA-Hybrid v2.11 proposal forward with his suggested changes incorporated as a clean starting point document for the March 28 meeting. More discussion followed.

Member Adkison made a motion to adopt the minutes from the February 21, 2019 meeting as presented, with the clarification that member Evans provided. (The handout from member Adkison reflecting corrections to Item 5 of the Feb. 21, 2019 draft meeting minutes will be attached to the Feb. 21, 2019 minutes).

Motion: Adkison Second: Crohn

Ayes: All present (except Scott Andrews).

Abstain: Andrews.

Motion passed.

3. Brown Act Requirements

City Attorney Anthony Beaumon provided reminders to the Task Force on their responsibilities regarding operating as a Brown Act body.

Chair Wilson asked for a motion to receive and file:

Motion: Mayes Second: Andrews

Ayes: All present.

Motion passed.

4. WA-Hybrid Approach with Refinements by Vice-chair Crohn

Member Gless stated concerns about how the WA-Hybrid proposal being presented was not the version that was voted upon at the February 21 meeting.

Member Gless made a motion to forgo receiving the refined WA-Hybrid proposal presentation.

Discussion followed with numerous members voicing comments and concerns. Dr. Crohn explained his intention with the WA-Hybrid proposal refinements for consideration as well as his concern for Utility finances. The City Attorney provided input on the process of setting rates.

Motion: Gless Second: Adkison

Ayes: Evans, Adkison, Esquivel, Mayes, Gless, Andrews

Noes: Crohn, Sexton, Mateja, De Mason, Croonquist, Sheehe, Wilson, Khalsa, Hunter, Robillard

Motion failed.

Dr. Crohn proceeded to present his suggested refinements to the WA-Hybrid proposal. Questions and comments followed from Task Force members with Dr. Crohn providing answers.

Chair Wilson asked for a motion to receive and file Dr. Crohn's presentation:

Motion: Hunter Second: Mayes

Ayes: All present.

Motion passed.

5. Proposed Water Rate Recommendation by Chair Wilson

Chair Wilson presented his reasoning and recommendation for the proposed water rate.

Public Comment:

Rick Moslenko spoke about his concerns in regards to the lack of consistent units of measure being used when describing the costs of water, either per Hundred Cubic Feet (CCF) or per Acre Foot.

Scott Simpson spoke about his concerns in regards to having fixed costs embedded into the consumption rates.

Questions and comments followed from Task Force members with Chair Wilson providing answers.

Chair Wilson asked for a motion to receive and file the presentation:

Motion: Hunter Second: Andrews

Ayes: All present.

Motion passed.

6. Information Needed by City to Analyze Financial Impacts of Proposed Agricultural Water Rate

RPU staff presented information needed by the City in order to appropriately analyze the potential financial impacts of any proposed water rate. Power was lost during the presentation creating a delay. Once power returned member Evans proposed there was no need to finish the presentation. Chair Wilson asked for a motion.

Member Evans made a motion to go back to the WA-Hybrid proposal v2.11, integrating member Evan's suggestions along with member Gless' input regarding tree irrigable area allocations and adopt that for final approval in the April 25, 2019 meeting:

Some discussion followed.

Motion: Evans Second: Gless

Ayes: All present.

Motion passed.

Member Croonquist suggested that staff be allowed to finish the Item 6 presentation since there were only 2 slides left. Chair Wilson had staff proceed to finish the presentation.

Public Comment:

Cathy Wahlstrom spoke about her concerns regarding the WA-Hybrid proposal terms and conditions and that they may not provide adequate allocations of water to keep crops healthy.

Chair Wilson asked for a motion to receive and file the presentation:

Motion: Hunter Second: Adkison

Ayes: All present.

Motion passed.

7. Open Discussion

Item 7 was delayed until the April 25, 2019 meeting.

8. Discuss Schedule of Meetings

Item was not covered.

Meeting was adjourned by Chair Wilson

By: _____

Richard Small, Secretary for Agricultural Water Rates Task Force

Attachments:

- (1) Handout from Karly Gaynor of WMWD.
- (2) Meeting minutes from Feb. 21, 2019 meeting with handout from Member Adkison attached.

Reminder that all Ag Task Force meetings are videotaped and available for viewing at:

<https://riversideca.legistar.com/Calendar.aspx>

A Water Delivery Partnership

Riverside Public Utilities & Western Municipal Water District

Both the City of Riverside Public Utilities (Riverside) and Western Municipal Water District (Western) deliver water to the residents and businesses of Riverside. In 2017, Riverside and Western signed an historic long-term agreement that provides:

- Additional revenue for Riverside
- Cost-savings for Western
- Greater water reliability for the region
- Lower rate increases for both Riverside and Western
- Greater value for all Riverside and Western customers



Agreement Highlights:

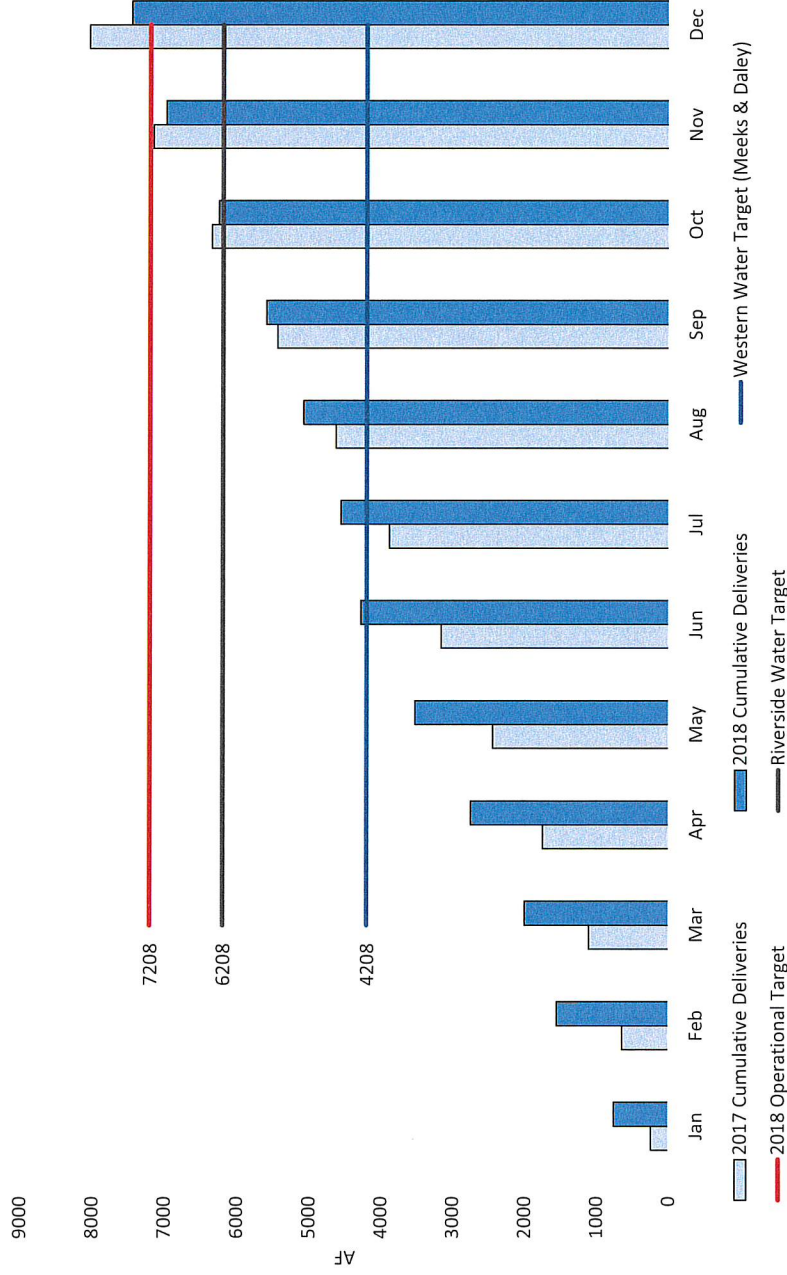
- **Delivery** – Riverside leases capacity to Western in its groundwater production wells, pipeline conveyance, and treatment facilities that it owns and operates. Riverside delivers Western's leased water and Riverside's surplus water. In 2018, the delivery cost per acre-foot of water was \$517.
- **Riverside Water** – 10-Year Term – Riverside, who holds water rights in the San Bernardino groundwater basin, sells and delivers between 2,000 to 4,000 acre-feet per year of surplus water to Western. In 2018, the cost of Riverside water was \$202 per acre-foot.
 - Western pays Riverside for power, operations and maintenance, capital recovery and a commodity charge for delivery of Riverside's surplus water. In 2018, the total cost of Riverside water was \$719 per acre-foot.
- **Western Water** – 20-Year Term – Riverside delivers Western's water that it has acquired through arrangements with other entities in the San Bernardino groundwater basin (approximately 4,200–5,400 acre-feet per year or 20–25 percent of Western's total water demands).
 - Western pays Riverside for power, operations and maintenance, and capital recovery for delivery of Western's leased water (\$517 per acre-foot in 2018).
- **Total Deliveries** – The total amount of water delivered to Western is restricted by the demands of Riverside customers, the capacity of Riverside's system, and the capacity of Western's interconnections to Riverside's system.
- **Riverside Revenue** – The estimated revenue to Riverside for delivering Western's leased water and Riverside's surplus water to Western is \$100 million through the 20-year agreement.
- **Western Savings** – The estimated savings to Western for the purchase of local supplies instead of imported water is \$45 million over the next 20 years.

Riverside Public Utilities/ Western Municipal Water District

Potable Groundwater Deliveries under the Wheeling & Purchase Agreement

2018 Update

Cumulative Potable Groundwater Deliveries by Month (Acre-Feet)



Joint Benefits		
	Savings for WMWD 2018*	Revenue to RPU 2018*
Q1	\$894,526	\$1,143,593
Q2	\$991,288	\$1,325,134
Q3	\$317,925	\$1,013,917
Q4	\$465,130	\$1,423,378
Total	\$2,668,870	\$4,906,023

* Estimates until RPU reconciliation process

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT

1 of 4

Minutes of: Agricultural Water Rates Task Force, Meeting #11
Date of meeting: February 21, 2019
Time of meeting: 5:30 pm
Place of meeting: Mayors Ceremonial Room, 7th Floor City Hall
3900 Orange St., Riverside, CA 92501

Meeting was called to order by Chair Wilson

Pledge of allegiance to the flag was given by Scott Simpson

Roll Call

Present:	Seth Wilson (Chair)	David Crohn (Vice-chair)	Michele Sheehe
	Barbara Croonquist	Jason Gless	Darleen De Mason
	Sharon Mateja	Tom Evans	Jason Hunter
	Dale Sexton	Ed Adkison	Rose Mayes
	Scott Simpson (alternate for Scott Andrews)		

Absent: Gilberto Esquivel, Steven Robillard

1. Citizen Participation

Rick Moslenko spoke about his concerns in regards to the Hybrid proposal approach being too complex for a novice farmer and that it has too much oversight, monitoring and government interference built into it. He reminded the Task Force that their decisions have far reaching consequences.

2. Approval of meeting minutes for January 31, 2019 meeting

Motion: Evans Second: Adkison

Ayes: All present.

Not present: Mateja, Gless.

Absent: Robillard, Esquivel.

3. Presentation of WA-9 Flat Rate Proposal v2.1

Alternate Scott Simpson presented his flat rate proposal approach. Numerous questions were asked by Task Force members and answered by both Mr. Simpson and City staff. Chair Wilson went around the table and polled all members for their thoughts and input on Mr. Simpson's proposal.

Chair Wilson asked for a motion to receive and file the presentation.

Motion: Mayes Second: De Mason

Ayes: All present.

Absent: Robillard, Esquivel.

Motion passed.

5. Rate Proposal Comparison Matrix

Chair Wilson suggested that Items 4 and 5 be swapped and Item 5 be discussed first. He asked for a motion to swap the items and City Attorney Smith informed the Chair he has the prerogative to change the order of items on the agenda without a motion. Chair Wilson began discussing the rate proposal comparison Matrix v2.0. Member Hunter voiced concern about whether the Chair has the prerogative to move items around on the agenda without a motion. City Attorney Smith informed member Hunter it was the Chair who controlled the meeting and the Chair has the prerogative to move items around.

Chair Wilson made a motion to move Item 5 before Item 4 on the agenda.

Motion: Wilson Second: Gless

Ayes: Wilson, Gless, Sexton, Evans, Adkison, Mateja, Sheehe, Croonquist, Simpson, Mayes, De Mason, Crohn.

Noes: Hunter.

Absent: Robillard, Esquivel.

Motion passed.

Chair Wilson went around the table and polled all members on their thoughts and input on the Matrix and the different rate proposals being considered. Numerous comments followed. Member Evans moved to adopt the Hybrid rate proposal terms and conditions with a few suggested changes. Chair Wilson tabled that motion until the rest of the Task Force members had spoken. Discussion concluded.

Member Evans again made a motion to adopt the concept of the Hybrid rate proposal approach and finish the details of the proposal at the next meeting.

Motion: Evans Second: Gless

Some further discussion followed.

HANDLED OUT BY ED ADKISON
DURING MARCH 28 MEETING

Connections to Meeting Minutes - Item 5. Regarding Motions made by Tom Evans

Tape Spot: 1:30

Things discussed at February 21, 2019 Task Force Meeting

1. Eliminate ornamental landscaping
2. Eliminate requirement to report production
3. Property is pest free and in good health (paragraph 3 special provisions). Take code compliance out of water rate.
4. Allocating space to what you are growing like Rancho California.
5. 5 years should be inspection time.
6. Square footage of row crop.

And then second meter for Ag.

Tape Spot: 1:56

Tom Evans moved to adopt Hybrid terms and conditions with the changes I just described tonight and next month come back and get the dollars.

Seth tabled the motion to allow more discussion.

Tape Spot: 2:00

Tom Evans again moved we not adopt the hybrid rate lock stock and barrel, but adopt concept as previously described.

Dale Sexton asked if it included the changes Tom Evans talked about earlier.

Tape Spot: 2:02

Tom Evans gave a marked-up version of what he would take out and submit to Rick and get shared with everyone so we are all on the same sheet of paper. Shared with everyone.

Second meter discussed again as well.

Member Hunter made a substitute motion to bring the Flat Rate proposal back as the preferred alternative to discuss in more depth at the next meeting.

Motion: Hunter Second: Mateja

Ayes: Hunter, Mateja, Croonquist, Sexton, Simpson.

Noes: Evans, Adkison, Sheehe, Wilson, Crohn, Mayes, De Mason, Gless.

Absent: Esquivel, Robillard.

Motion failed.

Original motion by member Evans now voted upon.

Member Evan's motion to adopt the concept of the Hybrid rate proposal approach and finish the details of the Hybrid proposal at the next meeting.

Motion: Evans Second: Gless

Ayes: Evans, Adkison, Sheehe, Wilson, Crohn, Mayes, De Mason, Gless, Sexton.

Noes: Hunter, Mateja, Croonquist, Simpson.

Absent: Esquivel, Robillard.

Motion passed.

Member Evans handed his suggested revisions for the Hybrid rate proposal to staff to add to the minutes and to circulate to the members.

4. Final rate proposal recommendation and report framework

Chair Wilson presented the proposed framework for how the final recommendation report could be presented to the RPU Board and Council.

Chair Wilson made a motion to apply the report framework as a template.

Motion: Wilson Second: Gless

Ayes: All present.

Absent: Robillard, Esquivel.

Motion passed.

6. Discuss Schedule of Meetings

Chair Wilson discussed the possibility of the need to schedule an additional Task Force meeting. Some discussions followed. An additional meeting could be added on May 9, 2019 if needed.

Meeting was adjourned by Chair Wilson

By: 

Richard Small, Secretary for Agricultural Water Rates Task Force

Attachments:

- (1) Handout from Member Evans on suggested revisions to Hybrid rate proposal.

Reminder that all Ag Task Force meetings are videotaped and available for viewing at:

<https://riversideca.legistar.com/Calendar.aspx>

FROM TOM EVANS

- d. If property is vacant and for sale, meets Qualifying Criteria a and b above, and the prospective buyer(s) agree(s) to Criteria c within six months of close of escrow on the property, the property can receive this rate upon proof of close of escrow and when agricultural activities begin.

- X
2. Agricultural Use Water Needs – The amount of agricultural water determined to be necessary to support and maintain any combination of items in “c” above, ~~in good health.~~
~~See Appendix A for a detailed explanation.~~
 3. Irrigable Area Allocation – The amount of irrigable area in agricultural use determined by a blanket or assignment method. See Appendix A for a detailed explanation.
 4. Monthly Agricultural Water Use Allocation in CCF – The total agricultural water allocation in CCF as determined for each month of the year. See Appendix A for a detailed explanation.

SPECIAL CONDITIONS:

- X
1. The Board of Public Utilities will publish a list of Best Water Management Practices for the WA-Ag customers to use as a guide and menu for efficient agricultural irrigation and conservation practices. These practices will be reviewed and updated at least every 5 years.
 2. Any agricultural activities must comply with all applicable City municipal, zoning, land use and building codes ~~and must be conducted such that all crops remain healthy, pest and weed free.~~
 3. Upon the effective date of this rate, all existing WA-3 and WA-9 customers inside the City limits will transition onto this rate in accordance with the RATES section. Initial agricultural water allocations for these prior WA-3 and WA-9 customers will be determined by Riverside Public Utilities (RPU) staff using various methods, as appropriate, including: available aerial photography, GIS applications, customer surveys, and site inspection in conjunction with Definitions 2, 3 and 4. Within 6 months of the effective date of this rate schedule, RPU staff will conduct an onsite inspection of each prior WA-3 and WA-9 customer property to ensure they are being allocated the correct monthly amount of agricultural water per the terms of the DEFINITIONS. If a prior WA-3 or WA-9 customer property is found to no longer meet the Qualifying Criteria as outlined in the DEFINITIONS the customer will have six (6) months to bring their property back into compliance with the Qualifying Criteria as outlined in the DEFINITIONS or the customer will be transitioned to WA-1 (residence on property) or WA-6 (no residence on property). Existing WA-3 or WA-9 customers outside the City limits will transition to WA-1 (residence on property) or WA-6 (no residence) upon the effective date of this rate schedule.
 4. Customers are responsible for notifying RPU staff 30 days in advance of changes to expected crops and/or planting schedules so that allocations can be properly updated.

- X
5. So that RPU can assess the success of its agriculture support efforts, customers are required to report harvest types and amount of yields on an annual basis using appropriate units for crops grown. Harvests not used or distributed shall not be included in these reports.
 6. Each customer property receiving this rate is subject to site inspection every ⁵ two years to ensure the property continues to meet the Qualifying Criteria as defined in No. 1 of the DEFINITIONS and to ensure agricultural water allocations are accurate. Inspections may be conducted using aerial photography, GIS applications, or onsite visits. Customers on this rate grant RPU staff the right to enter and inspect their property for compliance if remote inspection processes are unable to provide adequate information to make a determination of compliance and accurate allocation. A change to the monthly CCF allocations will be made if it is found that agricultural activities onsite and associated areas have changed. Customers found to no longer be in compliance are subject to being transitioned to the otherwise applicable rate. 48 hours' advance notice will be given to a customer when an onsite inspection is required. If a customer declines access to RPU staff to conduct an onsite inspection, after having been given advanced notice, the customer will be transitioned to the applicable rate upon the next billing cycle.
 7. If staff determines that this rate is not applicable, the Customer may appeal the determination, following the requirements set out in Part A of the "General Provisions" section of the Water Rules and Rate Schedules.
 8. Any properties being sold will be subject to being placed on the applicable rate. The new owner of a property previously receiving this rate must certify that the property meets the Qualifying Criteria as defined in No. 1 of the DEFINITIONS within 60 days of closing escrow to remain on this rate. RPU staff may need to inspect the property to ensure the correct agricultural water allocation is being provided.
 9. If this rate is requested for a meter size larger than two (2) inch, RPU has the sole discretion to make a determination if the property can be allowed to receive this rate. Customer will be responsible for all costs and fees associated with a meter larger than (2) inch.
 10. Customers can petition to have their properties reassessed for re-allocation of agricultural water once every two years. Such re-allocation will require an onsite visit and inspection of the property to verify types and amounts of qualifying agriculture as well as to verify area in agricultural use. RPU reserves the right to reassess irrigable area on a customer property and/or adjust agricultural water allocations at any time.
 11. Water Conservation Surcharge: The rates and charges above are subject to a surcharge (Water Conservation Surcharge) as adopted via City Council Resolution No. 22675 on April 22, 2014 and such surcharge as in effect from time to time. The Water Conservation Surcharge will be applied to the Customer's total water usage charge including without limitation the quantity rates, customer and minimum charge for the applicable billing period.

FROM TOM EVANS

SCHEDULE WA-Ag Hybrid (v2.11)

Allocation Based Agricultural Promotion and Preservation Service

POLICY:

To support, promote, preserve and encourage agriculture and the agricultural heritage of the City of Riverside while fairly allocating resources and costs.

APPLICABILITY:

To customers who agree to receive a monthly Hundred Cubic Feet (CCF) allocation of agricultural water per the DEFINITIONS to: properties that meet the Qualifying Criteria in No. 1 of the DEFINITIONS; or existing WA-3 or WA-9 customers inside the City limits, per Special Conditions #3.

TERRITORY: Within the Riverside City Limits.

RATES:

Monthly Customer Charge, Per Meter

Per WA-1A Schedule

Hybrid Quantity Rates

Per (CCF)

- | | |
|--|-----------|
| a. Agricultural Water Use Allocation Per CCF/Per Month | \$x.xx ** |
| b. All CCF above "a" (with residence) | Per WA-1A |
| c. All CCF above "a" (without residence) | Per WA-6 |

** Subject to all currently proposed and future rate increases.

DEFINITIONS:

1. Qualifying Criteria - To qualify for this rate all of the following criteria **must be met**:
 - a. Property is located within the Riverside City Limits.
 - b. Property is allowed to conduct agricultural activities as a "permitted use" according to City Zoning codes and General Plan land uses.
 - c. Property is growing a minimum of 75 irrigated fruit or nut trees, and/or 75 fruit bearing vines; and/or property is cultivating and maintaining minimum of half an acre in row crop produce, nurse stock, or pasture for livestock; or a combination thereof comprising a minimum total of half an acre of irrigable area of qualifying agriculture.
 - d. If property is vacant and for sale, meets Qualifying Criteria a and b above, and the prospective buyer(s) agree(s) to Criteria c within six months of close of escrow on the property, the property can receive this rate upon proof of close of escrow and when agricultural activities begin.

2. **Agricultural Use Water Needs** – The amount of agricultural water determined to be necessary to support and maintain any combination of items in “c” above in good health. See Appendix A for a detailed explanation.

3. **Irrigated Area Allocation** – Irrigated area:

A - Trees or Vines - will be determined by multiplying the number of trees/vines by the irrigation are in Table A (e.g.75 grapefruit x 300 sq. ft./ tree = 22.5k sq. ft. or .52 acres)

Table A: Square Feet per Mature Trees and Vines -

Orange - 210 sq. ft

Lemon - 205 sq. ft

Grapefruit -300 sq. ft

Avocado - 250 sq. ft.

Grape Vine - 115 sq. ft.

B. – Row Crops, Pasture, Nurseries - will be determined by multiplying the length and width of the entire area where agricultural activities are taking place. The following will be excluded from Areas that are not directly being used for agriculture such as buildings, roads, pathways, fallow areas, hardscapes, and landscaping, will not be included in irrigable area allocation.

C. Fallow areas - When fallow areas are converted to Ag production, the water allocation will be increased proportionally based on A. or B. above

4. **Monthly Agricultural Water Use Allocation in CCF** – The total agricultural water allocation in CCF as determined for each month of the year. The allocation will be updated annually in Dec. as defined in Appendix A. The monthly allocation using will be determined using the following formula

Number of Trees or Vines X Sq. Ft factorX Monthly ET from Table B/43500

TABLE B.

	15 Year Average Reference Et (2004 – 2018) in Inches Per Month and Other Conversion Factors											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
CIMIS Sta #44 Ref 15 yr. avg ET ₀	2.61	2.92	4.66	5.68	6.42	7.02	7.47	7.17	5.7	4.07	2.89	2.28
Citrus ccf	61.58	68.90	109.95	134.02	151.48	165.64	176.25	169.18	134.49	96.03	68.19	53.80
Avocado ccf	61.58	68.90	109.95	134.02	151.48	165.64	176.25	169.18	134.49	96.03	68.19	53.80
Grape ccf	0	10	84.5	103	116	126	230	126	103	80	25	0

Examples

1.- 80 avocado X 300 = 24000/43500 x 61.58 = 34 ccf for Jan.

SPECIAL CONDITIONS:

1. The Board of Public Utilities will publish a list of Best Water Management Practices for the WA-Ag customers to use as a guide and menu for efficient agricultural irrigation and conservation practices. These practices will be reviewed and updated at least every 5 years.
2. Any agricultural activities must comply with all applicable City municipal, zoning, land use and building codes.
3. Upon the effective date of this rate, all existing WA-3 and WA-9 customers inside the City limits will transition onto this rate in accordance with the RATES section. Initial agricultural water allocations for these prior WA-3 and WA-9 customers will be determined by Riverside Public Utilities (RPU) staff using various methods, as appropriate, including: available aerial photography, GIS applications, customer surveys, and site inspection in conjunction with Definitions 2, 3 and 4. Within 6 months of the effective date of this rate schedule, RPU staff will conduct an onsite inspection of each prior WA-3 and WA-9 customer property to ensure they are being allocated the correct monthly amount of agricultural water per the terms of the DEFINITIONS. If a prior WA-3 or WA-9 customer property is found to no longer meet the Qualifying Criteria as outlined in the DEFINITIONS the customer will have six (6) months to bring their property back into compliance with the Qualifying Criteria as outlined in the DEFINITIONS or the customer will be transitioned to WA-1 (residence on property) or WA-6 (no residence on property). Existing WA-3 or WA-9 customers outside the City limits will transition to WA-1 (residence on property) or WA-6 (no residence) upon the effective date of this rate schedule.
4. Customers are responsible for notifying RPU staff 30 days in advance of changes to expected crops and/or planting schedules so that allocations can be properly updated.
5. Each customer property receiving this rate is subject to site inspection every five years to ensure the property continues to meet the Qualifying Criteria as defined in No. 1 of the DEFINITIONS and to ensure agricultural water allocations are accurate. Inspections may be conducted using aerial photography, GIS applications, or onsite visits. Customers on this rate grant RPU staff the right to enter and inspect their property for compliance if remote inspection processes are unable to provide adequate information to make a determination of compliance and accurate allocation. A change to the monthly CCF allocations will be made if it is found that agricultural activities onsite and associated areas have changed. Customers found to no longer be in compliance are subject to being transitioned to the otherwise applicable rate. 48 hours' advance notice will be given to a customer when an onsite inspection is required. If a

customer declines access to RPU staff to conduct an onsite inspection, after having been given advanced notice, the customer will be transitioned to the applicable rate upon the next billing cycle.

6. If staff determines that this rate is not applicable, the Customer may appeal the determination, following the requirements set out in Part A of the "General Provisions" section of the Water Rules and Rate Schedules.
7. Any properties being sold will be subject to being placed on the applicable rate. The new owner of a property previously receiving this rate must certify that the property meets the Qualifying Criteria as defined in No. 1 of the DEFINITIONS within 60 days of closing escrow to remain on this rate. RPU staff may need to inspect the property to ensure the correct agricultural water allocation is being provided.
8. If this rate is requested for a meter size larger than two (2) inch, RPU has the sole discretion to make a determination if the property can be allowed to receive this rate. Customer will be responsible for all costs and fees associated with a meter larger than (2) inch.
9. Customers can petition to have their properties reassessed for re-allocation of agricultural water once every two years. Such re-allocation will require an onsite visit and inspection of the property to verify types and amounts of qualifying agriculture as well as to verify area in agricultural use. RPU reserves the right to reassess irrigable area on a customer property and/or adjust agricultural water allocations at any time.
10. RPU reserves the right to make adjustments to allocation amounts due to extreme weather conditions.
11. Customers found to be out of compliance more than one time within a 5 year period will be transitioned to the applicable WA-1 or WA-6 rate within 90 days of such determination, unless otherwise determined as the result of an appeal. Customers who have been found to be out of compliance twice within a 5 year period and transitioned off this rate can reapply for this rate 2 years after the transition date.
12. Water Conservation Surcharge: The rates and charges above are subject to a surcharge (Water Conservation Surcharge) as adopted via City Council Resolution No. 22675 on April 22, 2014 and such surcharge as in effect from time to time. The Water Conservation Surcharge will be applied to the Customer's total water usage charge including without limitation the quantity rates, customer and minimum charge for the applicable billing period.
13. Water General Fund Transfer: The Water General Fund Transfer is a component of every customer's water bill, and is a transfer of up to 11.5% of revenues from the Water Fund to the City's General Fund. On June 4, 2013, the voters of the City of Riverside approved the Water General Fund Transfer as a general tax, pursuant to Article 13.C of the California Constitution.

ENERGY COST ADJUSTMENT FOR PUMPING WATER:

The Quantity Rates shall be subject to an energy cost adjustment relating to increases and decreases in the cost of electric power for pumping water. This energy cost adjustment shall apply to each one hundred cubic feet (CCF) of sales to which Quantity Rates apply.

Determination of the adjustment factor shall be made at the beginning of each quarter, with the initial adjustment beginning February 1, 1983.

The energy cost adjustment shall be calculated by dividing the CCF of metered Water sold in each quarter into the total dollar amount of fuel cost adjustments plus any base rate increases imposed by power suppliers for pumping water during that quarter:

- A. Fuel cost adjustment charges by Southern California Edison Company.
- B. Fuel cost surcharge charges by City of Riverside.
- C. Base rate increase charges by Southern California Edison Company.*
- D. Base rate increase charges by City of Riverside.*

$$\frac{\$ (A+B+C+D)}{\text{CCF (Metered Sales)}} = \$.0000 \text{ per CCF}$$

CCF (Metered Sales)

The resultant shall be the energy cost adjustment factor for pumping water and shall be expressed in terms of cents per CCF carried out to the nearest \$0.0001. This factor shall be divided by 0.885 to allow for the 11.5% of gross revenue payable to the City General Fund. The resultant shall then become the energy cost adjustment to be multiplied by all CCF increments reported in billings to Customers. The resultant amount in each case, expressed to the nearest \$0.01, shall constitute the adjustment to be added to the Customer's bill.

*(Over base rates in effect February 1, 1983)

APPENDIX A

Agricultural Use Water Needs – These needs will be determined using a 15 year historical average (2004 – 2018) of local Monthly Reference Evapotranspiration (ET_0) data from the California Irrigation Management Information System (CIMIS) Station #44 located at the University of California Riverside. This 15 year average ET_0 will provide required irrigation in inches for each month of the year. The ET_0 will then be multiplied by the crop coefficient (K_c) of 0.65 for citrus, as established by the University of California Cooperative Extension, Leaflet #21428. The result is the crop evapotranspiration rate (ET_{crop}) in inches of needed water per

month. This value can then be converted to CCF per month per irrigable area (square feet or acreage). The upcoming year's Monthly Agricultural Water Use Allocations, in CCF per month, will be established by using the ET_{crop} value in relation to the irrigable area determination.

Table 1 below shows the 15 year monthly average Reference ET_0 from CIMIS Station #44, with the resultant ET_{crop} requirement in inches of irrigation per month using the citrus K_c of 0.65. This table will be updated in December of each year to ensure a running 15 year average.

TABLE 1

	15 Year Average Reference ET (2004 – 2018) in Inches Per Month and Other Conversion Factors											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
CIMIS Sta #44 Ref 15 yr. avg ET_0	2.61	2.92	4.66	5.68	6.42	7.02	7.47	7.17	5.7	4.07	2.89	2.28
K_c Citrus per UC Co-op	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
ET_{crop} (inches/month)	1.70	1.90	3.03	3.69	4.17	4.56	4.86	4.66	3.71	2.65	1.88	1.48
ET_{crop} (gals/ft ² /month)	1.06	1.18	1.89	2.30	2.60	2.84	3.03	2.91	2.31	1.65	1.17	0.92
ET_{crop} (CCF/ft ² /month)	0.001	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.002	0.002	0.001
ET_{crop} (CCF/acre/month)	*61.58	68.90	109.95	134.02	151.48	165.64	176.25	169.18	134.49	96.03	68.19	53.80
ET_{crop} (Gals/acre/month)	46064	51535	82245	100247	113307	123896	131838	126544	100600	71832	51006	40240

* 61.58 CCF/acre/month in January was derived by multiplying the ET_{crop} of 1.70 inches/month by 7.48 gallons/ft³, and dividing the product by 12 inches/foot. The result was then divided by 748 gals/CCF and then multiplied by 43,560 ft²/acre, producing the final result of 61.58 CCF/acre/month for January.

Monthly Agricultural Water Use Allocation in CCF – By taking the monthly ET_{crop} value in CCF/acre/month from Table 1 and applying it to the determined irrigable acreage the total Agricultural Water Use Allocation in CCF can be determined for each month of the year.

Examples of Monthly Agricultural Water Use Allocation in CCF for January 2019

- Qualifying avocado trees occupying 0.53 acres.

0.53 acres of irrigable area

0.53 acres x 61.58 CCF/acre/month = 32.64 CCF/month

Total January 2019 agricultural water CCF allocation = 33 CCF

- **Nursery on 15 total acres, with 10 acres in active nursery stock.**

10 acres x 61.58 CCF/acre/month = 615.8 CCF/month

Total January 2019 agricultural water CCF allocation = 616 CCF

- **Produce Farm on 29.64 total acres, with 27.64 acres in agricultural use.**

27.64 acres x 61.58 CCF/acre/month = 1702.15 CCF/month

Total January 2019 agricultural water CCF allocation = 1702 CCF

- **0.5 acres of irrigated pasture for grazing of livestock.**

0.5 acres x 61.58 CCF/acre/month = 30.79 CCF/month

Total January 2019 agricultural water CCF allocation = 31 CCF

- **Fruit bearing vines on 1/3 acre**

0.33 acres x 84.58 CCF/acre/month = 27.9 CCF/month

Total March 2019 agricultural water CCF allocation = 28 CCF

Allocations are rounded to nearest whole CCF. Allocations do not carryover from month to month.