APPENDIX D17

Water Supply Assessment

RUBIDOUX COMMUNITY SERVICES DISTRICT
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WATER SUPPLY ASSESSMENT AND WRITTEN VERIFICATION FOR THE DISTRICT AT JURUPA VALLEY SPECIFIC PLAN 21001 PROJECT (MA21269)

JUNE 2022

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Date: 6/29/2022

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RUBIDOUX COMMUNITY SERVICES DISTRICT

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General Manager

Date: July 8, 2022

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TABLE OF CONTENTS

TABLE OF CONTENTS

PAGE

CHAPTER I – INTRODUCTION **I-1**

A. Senate Bill No. 221 (California Government Code Section 66473.7) I-1
B. Senate Bill No. 610 (California Water Code Section 10910) I-3

CHAPTER II – PROJECT **II-1**

A. General II-1
B. Water Demand II-1

CHAPTER III – WATER SUPPLY **III-1**

A. General III-1
B. Availability of Water Supplies Over a Historical Record of at Least 20 Years III-2
C. Applicability of an Urban Water Shortage Contingency Analysis Prepared Pursuant to Section 10632 of the Water Code that Includes Actions to be Undertaken by the PWS in Response to Water Supply Shortages III-2
D. Reduction in Water Supply Allocated to a Specific Water Use Sector Pursuant to a Resolution or Ordinance Adopted or a Contract Entered Into by the PWS III-2
E. Amount of Water from Other Water Supply Projects Such As Conjunctive Use, Reclaimed Water, Water Conservation, and Water Transfer III-2
F. Review of any Information in the Urban Water Management Plan Relevant to the Identified Water Supply for the Proposed Project III-2
G. Description of Groundwater Basins from which the Proposed Project Will Be Supplied III-3
H. Description of the Amount of Groundwater RCSD has the Legal Right to Pump III-3
   1. Extractions from Colton Basin Area and Riverside Basin Area in San Bernardino County for use in Riverside County III-4
   2. Extractions from the Portion of Riverside Basin Area in Riverside County Tributary to Riverside Narrows III-6
   3. Replenishment to Offset New Exports of Water to Areas Not Tributary to Riverside Narrows III-7
   4. Replenishment Credits and Adjustments for Quality III-8
I. Identification of Other Public Water Systems that Receive a Water Supply or Have Existing Water Supply Entitlements, Water Rights, or Water Service Contracts to the Same Source of Water III-8
J. Detailed Description and Analysis of the Amount and Location of Groundwater Pumped by RCSD for the Past Five Years from any Groundwater Basin from which the Proposed Project Will Be Supplied III-8
K. Detailed Description and Analysis of the Amount and Location of Groundwater that is Projected to be Pumped by RCSD from any Basin from which the Proposed Project will be Supplied III-9
L. An Analysis of the Sufficiency of the Groundwater from the Basin from which the Proposed Project will be Supplied to Meet the Projected Water Demand Associated with the Project III-10

TABLE OF CONTENTS
(CONTINUED)

PAGE

CHAPTER IV – SUMMARY/CONCLUSIONS **IV-1**

A. Project IV-1
B. Projected Annual Water Production Requirements IV-1
C. Water Supply IV-2
D. Conclusion IV-3

APPENDICES

A. City of Jurupa Valley Request for Water Supply Assessment

B. Proposed Land Use Plan (LUP) April 2022

C. California Government Code Section 66473.7 (Senate Bill No. 221 as Amended)

D. California Water Code Section 10910 (Senate Bill No. 610 as Amended)

E. Determination of Water Demand for The District at Jurupa Valley

F. Superior Court of the State of California in and for the County of Riverside Judgment 78426 (1969 Judgment)

G. Verified 2020 Extractions for Riverside South Groundwater Basin

CHAPTER I

INTRODUCTION

CHAPTER I
INTRODUCTION

On June 21, 2022, Rubidoux Community Services District (RCSD) received a request from the City of Jurupa Valley (City) Planning Department (dated October 25, 2021) that RCSD prepare a Water Supply Assessment (WSA), in accordance with the provisions of California Water Code Sections 10910-10915, for use in preparing the environmental impact report for a development project known as "The District at Jurupa Valley", Jurupa Valley Specific Plan SP21001, MA21269 (Project). A copy of the City's request is included as **Appendix A**.

Under provisions of the California Water Code and California Government Code, RCSD has 90 days from receipt of the City's request to prepare the WSA. This WSA was prepared in response to the City's request and was approved by the Board of Directors on date shown on the cover page.

A. SENATE BILL NO. 221 (CALIFORNIA GOVERNMENT CODE SECTION 66473.7 (CGC 66473.7))

CGC 66473.7 (**Appendix C**) prohibits approval of a tentative map, or a parcel map for which a tentative map was not required, or a development agreement for subdivisions of more than 500 dwelling units unless the legislative body of a city or county provides written verification from the applicable public water system (PWS) that there is a sufficient water supply to support the Project, defined as "the total water supplies available during normal, single-dry, and multiple-dry years within a 20-year projection that will meet the projected demand associated with the proposed subdivision, in addition to existing and planned future uses, including, but not limited to, agricultural and industrial uses."

In determining sufficient water supply, all of the following factors shall be considered:

- Availability of water supplies over a historical record of at least 20 years.
- Applicability of an urban water shortage contingency analysis prepared pursuant to Section 10632 of the Water Code that includes actions to be undertaken by the PWS in response to water supply shortages.

- Reduction in water supply allocated to a specific water use sector pursuant to a resolution or ordinance adopted or a contract entered into by the PWS.
- Amount of water from other water supply projects such as conjunctive use, reclaimed water, water conservation, and water transfer.

In addition, the Written Verification shall be supported by substantial evidence which may include, but is not limited to, any of the following:

- The most recently adopted Urban Water Management Plan (UWMP).
- A WSA that was completed pursuant to Part 2.10 (commencing with Section 10910) of Division 6 of the Water Code.
- A groundwater sustainability plan (GSP) adopted or alternative approved pursuant to Part 2.74 (commencing with Section 10720) of Division 6 of the Water Code.
- Other information relating to the sufficiency of the water supply that contains analytical information substantially similar to the assessment required by Section 10635 of the Water Code.

If the Written Verification relies on projected water supplies that are not currently available, the availability of said supplies shall be based on written contracts or other proof of valid rights to the identified water supply, copies of a capital outlay program for financing the delivery of a sufficient water supply, securing of applicable federal, state, and local permits for construction of necessary infrastructure, and any necessary regulatory approvals.

The Written Verification shall also include a description, to the extent that data is reasonably available based on published records maintained by federal and state agencies, and public records of local agencies, of the reasonably foreseeable impacts of the proposed subdivision on the availability of water resources for agricultural and industrial uses within the PWS's service area that are not currently receiving water from the PWS but are utilizing the same sources of water.

If a water supply includes groundwater, the PWS shall evaluate, based on substantial evidence, the extent to which it or the landowner has the right to extract the additional groundwater to supply the proposed subdivision.

In addition, if the water supply includes groundwater, the following factors shall be considered in the Written Verification:

- For basins that have been adjudicated, a copy of the order or decree adopted by the court or the board.
- For basins that have not been adjudicated and are designated as medium- or high-priority under the Sustainable Groundwater Management Act (SGMA), the most recently adopted GSP or approved alternative plan;
- For medium- or high-priority basins that have not been adjudicated where no GSP or alternative has been approved, and for basins that have not been adjudicated that are designated as low- or very low-priority under SGMA, information as to whether the Department of Water Resources (DWR) has identified the basin as being overdrafted or projected that the basin will become overdrafted if present management conditions continue.

B. SENATE BILL NO. 610 (CALIFORNIA WATER CODE SECTION 10910 (CWC 10910))

CWC 10910 (**Appendix D**) requires that a city or county, upon determining that a project with a significant water demand is subject to CEQA, request that any PWS responsible for supplying water to the project determine whether the project's projected water demand was included in its most recently adopted UWMP. If such demand was not accounted for, the PWS must prepare a WSA, which must include a discussion of the ability of the PWS's available water supply to meet the project's projected water demand in addition to the PWS's existing and planned future demands.

CWC 10910 defines a Project as:

- A proposed residential development of more than 500 dwelling units.
- A proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space.
- A proposed commercial office building employing more than 1,000 persons or having more than 250,000 square feet of floor space.
- A proposed hotel or motel, or both, having more than 500 rooms.

- A proposed industrial, manufacturing, or processing plant, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area.
- A mixed-use project that includes one or more of the aforementioned projects.
- A project that would demand an amount of water equivalent to, or greater than, the amount of water required by a 500 dwelling unit project. If a PWS has fewer than 5,000 service connections, a project would also be defined as a proposed development that would account for an increase of 10% or more in the number of the PWS's existing service connections.

In addition to the above, CWC 10910 requires that the WSA identify any existing water supply entitlements, water rights, or water service contracts held by the PWS, as evidenced by written contracts, copies of capital outlay programs, necessary regulatory approvals, and federal, state, and local infrastructure construction permits relevant to the identified project's water supply, including a description of quantities of water received in prior years by the PWS under the existing water supply entitlements, water rights, or water service contracts. If no water has been received in prior years by the PWS, the WSA must identify another PWS that receives water supply from or has existing water supply entitlements, water rights, or water service contracts to the same source of water that the PWS has identified as a source of its water supply.

The WSA shall include:

- Identification of any existing water supply entitlements, water rights, or water service contracts relevant to the identified water supply for the proposed project and quantities of water received in prior years by the PWS under the existing water supply entitlements, water rights, or water service contracts, including a description of quantities of water received in prior years by the PWS under the existing water supply entitlements, water rights, or water service contracts. Identification of the existing entitlements, water rights, or contracts shall be demonstrated by providing information related to written contracts or other proof of entitlement to the identified water supply, copies of a capital outlay program for financing the delivery of a water supply that has been adopted by the PWS, federal, state, and local permits for construction of necessary infrastructure associated with delivering the water supply, and any necessary regulatory approvals required to convey or deliver the water supply. If no water has been received in prior years by the PWS, the

WSA must identify another PWS that receives water supply from or has existing water supply entitlements, water rights, or water service contracts to the same source of water that the PWS has identified as a source of its water supply.

- Identification of other PWSs that receive a water supply or have existing water supply entitlements, water rights, or water service contracts to the same source of water.
- A review of any information in the UWMP relevant to the identified water supply for the proposed project.
- If the water supply for a proposed project includes groundwater, CWC 10910 requires that the following additional information be included in the WSA:
  - A description of the groundwater basin or basins from which the proposed project will be supplied, together with pertinent documents (if adjudicated) or information as to actual or pending [i.e. potential] overdraft (if not adjudicated).
  - If a basin has been adjudicated, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the PWS has the legal right to pump under the order or decree shall be addressed.
  - If a basin has not been adjudicated, and has been designated by the DWR as "low" or "very low" priority, information as to whether the DWR has identified the basin as overdrafted or has projected that the basin will become overdrafted in the most current bulletin of the DWR that characterizes the condition of the groundwater basin shall be addressed as well as a detailed description of the efforts being undertaken to eliminate the long-term overdraft condition.
  - If a basin has not been adjudicated, and has been designated by the DWR as "medium" or "high" priority, information regarding the following:
    (i) Whether the DWR has identified the basin as being subject to critical conditions of overdraft.
    (ii) If a groundwater sustainability agency has adopted a groundwater sustainability plan or has an approved alternative, a copy of that alternative or plan.
  - A detailed description and analysis of the amount and location of groundwater pumped by the PWS for the past five years from any groundwater basin from which the proposed project will be supplied.

- A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the PWS from any basin from which the proposed project will be supplied.
- An analysis of the sufficiency of the groundwater from the basin from which the proposed project will be supplied to meet the projected water demand associated with the proposed project.

The city or county shall request the PWS to determine if the projected water demand associated with a project was included in the most recently adopted UWMP. If the projected water demand was accounted for in the most recently adopted UWMP, the PWS may incorporate information from the UWMP to comply with the aforementioned requirements.

If, as a result of the assessment, the PWS concludes that its water supplies are or will be insufficient for the proposed Project, the PWS shall provide its plans for acquiring additional water supplies. Said plans may include, but are not limited to, estimated total cost and proposed method of financing the costs associated with the additional water supplies; all federal, state, and local permits, approvals, or entitlements anticipated to be required to acquire and develop the additional water supplies; and estimated time frames to acquire the additional water supplies.

CHAPTER II

PROJECT

CHAPTER II
PROJECT

A. GENERAL

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 34th St. The overall size of the Project Site is 247 acres.

Based on the currently proposed Land Use Plan dated April 13, 2022 (**Appendix B**), 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 entire project will annex into the RCSD.

B. WATER DEMAND

The proposed project consists of a new specific plan (The District at Jurupa Valley Specific Plan) that would replace the Emerald Meadows Ranch Specific Plan (SP-337) that was approved by Riverside County in 2005, prior to the City of Jurupa Valley's incorporation.

On June 14, 2004, the District approved a WSA for the Emerald Meadows Ranch Specific Plan. The LUP for SP-337 included approximately 1,052 residential dwelling units, approximately 49 acres of churches, parks and schools, and approximately 50 acres of commercial development. Based on duty factors set forth in the District's 1999 Water Facilities Master Plan (1.0 acre-foot per year (AF/Yr) per dwelling unit, 4.0 acre-feet per acre per year (AF/ac/Yr) for schools and parks, and 0.7 AF/ac/Yr for commercial development) the water demand for the Emerald Meadows Ranch project was estimated to be 1,300 AF/Yr. Riverside County adopted an EIR (SCH 2004031007) in 2005 covering SP-337. The Emerald Meadows Ranch project was included, by name, in RCSD's 2015 Water Facilities Master Plan with a projected water demand of 1,100 AF/Yr.

The Emerald Meadows Ranch project was also identified by name in RCSD's 2020 Urban Water Management Plan (UWMP, adopted 6/17/2021, amended 4/7/2022) as a future development whose proposed land uses were already included in RCSD's land use plan. The water demands for said land uses had previously been identified as 1,100 AF/Yr in the 2015 Water Facilities Master Plan.

Due to the implementation of water conservation measures starting around 2012 and continuing to the current date, residential water demands have decreased since preparation of the 2015 Water Facilities Master Plan. The following statement occurs on p. 4-12 of RCSD's 2020 UWMP:

"…the aforementioned large development projects (i.e., Agua Mansa, Rio Vista, Emerald Meadows, Shadow Rock) will include water-efficient features that may reduce the currently estimated water demands for these projects."

A demand determination for the Project, incorporating the current proposed land use plan and updated residential water use assumptions as set forth in RCSD's 2022 Water Master Plan (adopted 6/16/2022, incorporated herein by reference), is included herein as **Appendix E**. According to the calculations set forth in **Appendix E**, the maximum anticipated total water demand for the project is approximately 612 AF/Yr, which is considerably less than the 1,100 AF/Yr covered by the 2020 UWMP. Therefore, the Project's water demand has been included in RCSD's most recently adopted UWMP, with a substantial safety factor.

Since the Project's water demand has been included in RCSD's most recently adopted UWMP, a WSA under CWC 10910 (SB 610) is technically not required; however, this fact does not eliminate the requirement for a Written Verification under CGC 66473.7.

Since the Project's water demand has been included in RCSD's most recently adopted UWMP, said 2020 UWMP is hereby incorporated into this Written Verification and Water Supply Assessment by reference and submitted as substantial evidence, in accordance with the requirements of CGC 66473.7, that there is a sufficient water supply to support the Project, defined as "the total water supplies available during normal, single-dry, and multiple-dry years within a 20-year projection that will meet the projected demand associated with the proposed subdivision, in addition to existing and planned future uses, including, but not limited to, agricultural and industrial uses."

CHAPTER III

WATER SUPPLY

CHAPTER III
WATER SUPPLY

A. GENERAL

This chapter provides information required by CGC 66473.7 and CWC 10910 pertinent to the Project's water supply. Since RCSD potable water supply consists of groundwater, information specific to groundwater sources is included herein. This chapter will address the following:

- Availability of water supplies over a historical record of at least 20 years.
- Applicability of an urban water shortage contingency analysis prepared pursuant to Section 10632 of the Water Code that includes actions to be undertaken by the PWS in response to water supply shortages.
- Reduction in water supply allocated to a specific water use sector pursuant to a resolution or ordinance adopted or a contract entered into by the PWS.
- Amount of water from other water supply projects such as conjunctive use, reclaimed water, water conservation, and water transfer.
- Review of any information in the UWMP relevant to the identified water supply for the proposed project.
- Description of groundwater basins from which the proposed project will be supplied.
- Description of the amount of groundwater RCSD has the legal right to pump.
- Identification of other PWSs that receive a water supply or have existing water supply entitlements, water rights, or water service contracts to the same source of water.
- Detailed description and analysis of the amount and location of groundwater pumped by RCSD for the past five years from any groundwater basin from which the proposed project will be supplied.
- Detailed description and analysis of the amount and location of groundwater that is projected to be pumped by RCSD from any basin from which the proposed project will be supplied.
- An analysis of the sufficiency of the groundwater from the basin from which the proposed project will be supplied to meet the projected water demand associated with the project.

B. AVAILABILITY OF WATER SUPPLIES OVER A HISTORICAL RECORD OF AT LEAST 20 YEARS

Table 6A in RCSD's 2020 UWMP, adopted 6/17/2021 and amended 4/7/2022, provides RCSD's groundwater productions records since 1970.

C. APPLICABILITY OF AN URBAN WATER SHORTAGE CONTINGENCY ANALYSIS PREPARED PURSUANT TO SECTION 10632 OF THE WATER CODE THAT INCLUDES ACTIONS TO BE UNDERTAKEN BY THE PWS IN RESPONSE TO WATER SUPPLY SHORTAGES

Chapter 8 OF RCSD's 2020 UWMP contains an Urban Water Shortage Contingency Plan.

D. REDUCTION IN WATER SUPPLY ALLOCATED TO A SPECIFIC WATER USE SECTOR PURSUANT TO A RESOLUTION OR ORDINANCE ADOPTED OR A CONTRACT ENTERED INTO BY THE PWS

RCSD has not adopted a resolution or ordinance, or entered into a contract, that reduces water supply allocated to a specific water use sector.

E. AMOUNT OF WATER FROM OTHER WATER SUPPLY PROJECTS SUCH AS CONJUNCTIVE USE, RECLAIMED WATER, WATER CONSERVATION, AND WATER TRANSFER

Chapter 6 of RCSD's 2020 UWMP addresses these concerns.

F. REVIEW OF ANY INFORMATION IN THE URBAN WATER MANAGEMENT PLAN RELEVANT TO THE IDENTIFIED WATER SUPPLY FOR THE PROPOSED PROJECT

RCSD's 2020 UWMP addresses water supply/water resources, reliability planning, water use provisions, supply and demand comparison provisions, water demand management measures, and water recycling, and includes a water shortage contingency plan. RCSD's 2020 UWMP is incorporated herein by reference.

The Emerald Meadows Ranch project, which was the predecessor to the proposed Project, was identified by name in RCSD's 2020 UWMP (p. 3-27) as a future development whose proposed land uses were already included in RCSD's land use plan. The water demands for said land uses had previously been identified as 1,100 AF/Yr in the 2015 Water Facilities Master Plan.

RCSD's 2020 UWMP acknowledges (p. 4-12), that the actual water demands of the proposed Project will be less than those anticipated in the 2020 UWMP, as follows: *"…the aforementioned large development projects (i.e., Agua Mansa, Rio Vista, Emerald Meadows, Shadow Rock) will include water-efficient features that may reduce the currently estimated water demands for these projects."*

G. DESCRIPTION OF GROUNDWATER BASINS FROM WHICH THE PROPOSED PROJECT WILL BE SUPPLIED

RCSD currently has six potable and six non-potable water production wells that extract groundwater from the Riverside South Groundwater Basin. Essentially, all of RCSD's service area overlies the Riverside South Groundwater Basin. Based on RCSD's 2020 UWMP, future water demand (including water demand for the proposed Project) will be met by continued and increased production of groundwater from the Riverside South Groundwater Basin, augmented by water purchased from Western Municipal Water District and wheeled through the City of Riverside's distribution system (RPU connection).

The Riverside South Groundwater Basin is that portion of the Riverside Groundwater Basin located in Riverside County (The Riverside North Groundwater Basin is that portion of the Riverside Groundwater Basin located in San Bernardino County). The Riverside Basin is located between the Chino Groundwater Basin on the northwest and the Colton Groundwater Basin on the northeast.

Chapter 6 of RCSD's 2020 UWMP includes additional descriptive information pertaining to the Riverside South Groundwater Basin.

H. DESCRIPTION OF THE AMOUNT OF GROUNDWATER RCSD HAS THE LEGAL RIGHT TO PUMP

On March 1, 1963, Western Municipal Water District (WMWD) filed a suit for a general adjudication of water rights within the San Bernardino Basin Area. A physical settlement was completed and documents delineating the settlement were entered in the Superior Court of the State of California in and for the County of Riverside on April 17, 1969, being Judgment No. 78426 (hereafter referred to as the 1969 Judgment). The 1969 Judgment included the establishment of rights to extract water from three groundwater basins (San Bernardino, Colton, and Riverside) and

provided for replenishment in the event actual extractions exceed those rights. The 1969 Judgment is included as **Appendix F**.

The 1969 Judgment required the Watermaster to determine base extraction rights and export rights based on the average annual extractions and exports which occurred over the five-year period 1959 through 1963. The Court appointed a Watermaster, composed of two persons (each representing the interests of one of the parties), to administer and enforce the provisions of the 1969 Judgment and to report annually to the Court and the parties to the litigation. Accordingly, the Watermaster prepares an annual report which provides an accounting of extractions within the noted basins.

The 1969 Judgment established principles for determining allowable extractions from the San Bernardino, Colton, and Riverside Groundwater Basins. According to the terms of the 1969 Judgment, WMWD and San Bernardino Valley Municipal Water District are obligated to provide groundwater replenishment if actual extractions exceed allowable extractions; however, neither agency has ever had to provide replenishment in accordance with the 1969 Judgment. If replenishment is ever required, the costs for such replenishment will probably be allocable to the groundwater extractors, including RCSD. However, neither the Watermaster nor the Court have ever established a formula for allocating replenishment costs to groundwater extractors.

The 1969 Judgment was amended on February 24, 1992 to clarify provisions relating to the computation of the replenishment obligations and credits of the parties.

Discussions with the WMWD Watermaster indicate that replenishment would not commence until the combined credits of the Colton, Riverside North, and Riverside South groundwater basins are depleted; therefore, the following recitals from the 1969 Judgment apply to RCSD:

1. Extractions from Colton Basin Area and Riverside Basin Area in San Bernardino County for use in Riverside County

Recital VIII (a) provides "The average annual extractions from the Colton Basin Area and that portion of the Riverside Basin Area within San Bernardino County for use outside San Bernardino Valley for the five-year period ending with 1963 are assumed to be 3,349 acre-feet (AF) and 20,191 AF, respectively, the correct figures shall be determined by the Watermaster as therein provided." The extractions were later adjusted by the Watermaster in accordance with the 1969 Judgment to 3,381 AF/Yr for the Colton

Groundwater Basin and 21,085 AF/Yr for the Riverside North Groundwater Basin, hereinafter referred to as base rights.

Recital VIII (b) provides "Over any five-year period, there may be extracted from each such Basin Area for use outside San Bernardino Valley, without replenishment obligation, and [sic] amount equal to five times such annual average for the Basin Area; provided, however, that if extractions in any year exceed such average by more than 20%, WMWD shall provide replenishment in the following year equal to the excess extractions over such 20% peaking allowance."

The five-year limits for the Colton Groundwater Basin and the Riverside North Groundwater Basin are 5 x 3,381 AF = 16,905 AF and 5 x 21,085 AF = 105,425 AF, respectively. The one-year maximum extraction for the Colton Groundwater Basin and the Riverside North Groundwater Basin are 1.2 x 3,381 AF = 4,057 AF and 1.2 x 21,085 AF = 25,302 AF, respectively.

The pertinent information from the most recent Watermaster report dated August 1, 2021, which addresses extractions for calendar years 1971 through 2020, is summarized as follows:

a. As shown in Volume 2, Table No. 5 of the Watermaster Report, extractions from the Colton Groundwater Basin for use in Riverside County for the five-year period 2016-2020 amounted to 4,086 AF or about 24% of the 16,905 AF five-year limit. Watermaster records show that the maximum five-year extraction occurred in 1975-79 at 11,402 AF. Since 1971, annual extractions have never exceeded the 4,057 AF limit. The maximum annual extraction occurred in 1975 at 3,873 AF. Extractions for 2020 were substantially lower at 5 AF.

b. As shown in Volume 3, Table No. 5 of the Watermaster Report, extractions from the Riverside North Groundwater Basin for use in Riverside County for the five-year period 2016-2020 amounted to 50,372 AF, or about 48% of the 105,425 AF five-year limit. Watermaster records show that the maximum five-year extraction occurred in 1989-93 at 80,014 AF. Since 1971, annual extractions have never exceeded the 25,302 AF limit. The maximum annual

extraction occurred in 1972 at 18,588 AF. Extractions for 2019 were substantially lower at 10,069 AF.

2. Extractions from the Portion of Riverside Basin Area in Riverside County Tributary to Riverside Narrows

Recital IX (a) provides "The average annual extractions from the portion of the Riverside Basin Area in Riverside County which is tributary to Riverside Narrows, for use in Riverside County, for the five-year period ending with 1963 are assumed to be 30,044 AF; the correct figures shall be determined by the Watermaster as herein provided." The extraction was later adjusted by the Watermaster in accordance with the 1969 Judgment to 29,633 AF/Yr, hereinafter referred to as base rights.

Recital IX (b) provides "Over any five-year period, there may be extracted from such Basin Area, without replenishment obligation, an amount equal to five times such annual average for the Basin Area; provided, however, that if extractions in any year exceed such average by more than 20%, WMWD shall provide replenishment in the following year equal to the excess extractions over such 20% peaking allowance."

The five-year limit for that portion of the Riverside Basin Area (Riverside South Groundwater Basin) in Riverside County which is tributary to Riverside Narrows is 148,165 AF and the one-year maximum extraction is 35,560 AF.

As shown in Volume 4, Table No. 4 of the most recent Watermaster Report dated August 1, 2021 (which addresses extractions for calendar years 1971 through 2020), extractions for the five-year period 2016-2020 amounted to 132,530 AF, or about 89% of the 148,165 AF five-year limit. Watermaster records show that maximum five-year extraction occurred in 1972-76 at 169,052 AF.

Since 1971, annual extractions exceeded the 35,560 AF single year limit during three years (1972, 1974, and 2007). The maximum annual extraction occurred in 1974 at 38,304 AF. Extractions for 2020 amounted to 27,447 AF.

The net accumulated credits for the Colton Groundwater Basin and the Riverside Groundwater Basins had reached 466,040 AF by 2014.

3. Replenishment to Offset New Exports of Water to Areas Not Tributary to Riverside Narrows

Recital X provides "Certain average annual amounts of water extracted from the San Bernardino Basin Area and the area downstream therefrom to Riverside Narrows during the five-year period ending in 1963 have been exported for use outside of the area tributary to Riverside Narrows and are assumed to be 50,667 AF annually as set forth in Table C-1 of Appendix "C"; the correct amount shall be determined by the Watermaster as herein provided." The extraction was later adjusted by the Watermaster in accordance with the 1969 Judgment to 42,535 AF/Yr.

Based on Volume 6 of the most recent Watermaster Report dated August 1, 2021, which addresses exports for calendar years 1972 through 2020, exports for 2020 amounted to 37,657 AF or about 89% of the 42,535 AF base right. Since 1971, annual exports exceeded the 42,535 AF single year limit during six years (1976, 1984, 1988, 1989, 1990, and 1991). The maximum annual export occurred in 1991 (46,606 AF).

Replenishment credits apply to extractions, rather than to exports; thus, credits are not applicable to exports of water to areas not tributary to Riverside Narrows.

Most of RCSD's water use is within areas tributary to Riverside Narrows. In 2020, RCSD exports to other areas amounted to about 687 AF (Volume 6, Table No. A). Said areas are considered to have reached ultimate development; therefore, said amounts are not expected to increase in future years.

4. Replenishment Credits and Adjustments for Quality

Recital XI (b) provides that credits against future replenishment obligations accrue for underextractions (amount extracted is less than the allowed amount), return flows from excess extractions, increased treated sewage flows, excess replenishment, conserved storm flows, and return flows from imported water use. Credits for underextractions in the Colton and Riverside Basins are considered in the aggregate. Such credits accrue on an annual basis in the Colton and Riverside Basins.

With a combined net credit of 546,307 AF (including 2,086 for 2020, see Volume 6, Table No. 7) for the Colton, Riverside North, and the Riverside South groundwater basins, it is

likely that actual extractions from the Riverside South Groundwater Basin can exceed the allowable extractions without replenishment so long as water is available and credits associated with underextractions remain.

Chapter 6 of RCSD's 2020 UWMP provides additional discussion of these matters.

I. IDENTIFICATION OF OTHER PUBLIC WATER SYSTEMS THAT RECEIVE A WATER SUPPLY OR HAVE EXISTING WATER SUPPLY ENTITLEMENTS, WATER RIGHTS, OR WATER SERVICE CONTRACTS TO THE SAME SOURCE OF WATER

The Watermaster report dated August 1, 2021 (Volume 4, Table 3A) identifies five PWSs that extract water from the Riverside South Groundwater Basin. For 2020, a total of 27,447 AF/Yr was extracted from the Riverside South Groundwater Basin by all pumpers. Extractions by the five PWSs in CY 2020 are summarized as follows:

Public Water System	2020 Extractions (AF/Yr)
City of Riverside	17,302
Rubidoux Community Services District	5,186
City of Riverside – Gage Canal	3,175
Jurupa Community Service District	491
Eastern Municipal Water District	0
Total:	**26,154**

These five PWSs account for approximately 95% of the water extracted from the Riverside South Groundwater Basin. All of the public and private entities that extract water from the Riverside South Groundwater Basin are set forth in **Appendix G**.

J. DETAILED DESCRIPTION AND ANALYSIS OF THE AMOUNT AND LOCATION OF GROUNDWATER PUMPED BY RCSD FOR THE PAST FIVE YEARS FROM ANY GROUNDWATER BASIN FROM WHICH THE PROPOSED PROJECT WILL BE SUPPLIED

As set forth in Chapter 6 of RCSD's 2020 UWMP, RCSD currently has six potable and six non-potable water production wells that can extract groundwater from the Riverside South Groundwater Basin. The amount of groundwater pumped by RCSD from the Riverside South

Groundwater Basin for 2016 through 2020 (from Submittal Table 6-1 of RCSD's 2020 UWMP) is summarized as follows:

Year	Groundwater Production (AF/Yr)
2016	7,329
2017	7,636
2018	5,256
2019	4,717
2020	5,187

K. DETAILED DESCRIPTION AND ANALYSIS OF THE AMOUNT AND LOCATION OF GROUNDWATER THAT IS PROJECTED TO BE PUMPED BY RCSD FROM ANY BASIN FROM WHICH THE PROPOSED PROJECT WILL BE SUPPLIED

As set forth in Chapter 6 of RCSD's 2020 UWMP, future water demand (including water demand for the proposed project) will be met by continued and increased production of groundwater from the Riverside South Groundwater Basin, augmented by water purchased from Western Municipal Water District and wheeled through the City of Riverside's distribution system (RPU connection).

Based on data presented in Submittal Table 4-2 of RCSD's 2020 UWMP, the projected amount of groundwater to be pumped by RCSD from the Riverside South Groundwater Basin (including water for the proposed Project) is summarized as follows:

Year	Projected Groundwater Production (rounded) (AF/Yr)
2025	8,182
2030	10,914
2035	11,649
2040	12,388
2045	13,130

Submittal Table 4-2 of RCSD's 2020 UWMP includes a detailed breakdown of the projected production by usage sector.

L. AN ANALYSIS OF THE SUFFICIENCY OF THE GROUNDWATER FROM THE BASIN FROM WHICH THE PROPOSED PROJECT WILL BE SUPPLIED TO MEET THE PROJECTED WATER DEMAND ASSOCIATED WITH THE PROJECT

In accordance with the 1969 Judgment, RCSD can extract groundwater from the Riverside South Groundwater Basin without restrictions until the combined credit of the Colton, Riverside North, and Riverside South groundwater basins are depleted. Once the available credit is depleted, WMWD will be obligated to provide groundwater replenishment. It is anticipated that the cost for replenishment will be allocated to all groundwater extractors, including RCSD.

Based on the latest Watermaster Report (dated August 1, 2021), total extractions from the Colton, Riverside North, and Riverside South Basins have increased from 36,036 AF/Yr in 2016 to 37,521 AF/Yr in 2020, approximately a 1% increase per year. Assuming groundwater extractions from these three groundwater basins continues to increase 1% per year, total extraction would increase to approximately 48,777 AF/Yr by 2050. At this rate, it would take over 11 years to deplete the currently available credit of 546,307 AF (a figure which continues to increase).

Even after the available credit is depleted, RCSD can continue to extract groundwater from the Riverside South Groundwater Basin; however, RCSD could be subject to payment of its share of the cost of groundwater replenishment to maintain pumping to meet future water demands.

Chapter 6 of RCSD's 2020 UWMP provides additional information affirming the sufficiency of the groundwater from the Riverside South Groundwater Basin to meet RCSD's projected water demands, including the water demands associated with the proposed Project.

CHAPTER IV

SUMMARY/CONCLUSIONS

CHAPTER IV
SUMMARY/CONCLUSIONS

A. PROJECT

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 34th 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.

B. PROJECTED ANNUAL WATER PRODUCTION REQUIREMENTS

Projected annual water production requirements for RCSD as set forth in RCSD's 2020 UWMP are summarized as follows:

Year	Projected Groundwater Production (rounded) (AF/Yr)
2025	7,960
2030	10,686
2035	11,416
2040	12,149
2045	12,886

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

for the current District at Jurupa Valley Plan was included, with a significant margin of safety, in RCSD's 2020 UWMP.

C. WATER SUPPLY

RCSD's current and future water supply will consist of groundwater extracted from the Riverside South Groundwater Basin, augmented by water purchased from Western Municipal Water District and wheeled through the City of Riverside's distribution system (RPU connection).

As a result of the 1969 Judgment, RCSD can extract groundwater from the Riverside South Groundwater Basin without restrictions until the combined credit of the Colton, Riverside North, and Riverside South Groundwater Basins are depleted. Once the available credit is depleted, WMWD will be obligated to provide groundwater replenishment. It is anticipated that the cost of the replenishment will be allocated to all groundwater extractors, including RCSD.

Based on the latest Watermaster Report (dated August 1, 2021), total extractions from the Colton, Riverside North, and Riverside South Basins have increased from 36,036 AF/Yr in 2016 to 37,521 AF/Yr in 2020, approximately a 1% increase per year. Assuming groundwater extractions from these three groundwater basins continues to increase 1% per year, total extraction would increase to approximately 48,777 AF/Yr by 2050. At this rate, it would take over eleven years to deplete the currently available credit of 546,307 AF (a figure which continues to increase).

Even after the available credit is depleted, RCSD can continue to extract groundwater from the Riverside South Groundwater Basin; however, RCSD could be subject to payment of its share of the cost of groundwater replenishment to maintain pumping to meet future water demands.

Chapter 6 of RCSD's 2020 UWMP provides additional information affirming the sufficiency of the groundwater from the Riverside South Groundwater Basin to meet RCSD's projected water demands, including the water demands associated with the proposed Project.

D. CONCLUSION

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.

APPENDIX A

CITY OF JURUPA VALLEY
REQUEST FOR
WATER SUPPLY ASSESSMENT

City of Jurupa Valley

Lorena Barajas Mayor, Chris Barajas Mayor Pro Tem,
Leslie Altamirano, Council Member, Brian Berkson, Council Member, Guillermo Silva, Council Member

October 25, 2021

Mr. Ted Beckwith
Rubidoux Community Services District
Director of Engineering
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509

Sent via email: tbeckwith@rcsd.org

SUBJECT: REQUEST FOR WATER SUPPLY ASSESSEMNT FOR THE DISTRICT@RUBIDOUX PROJECT (CITY CASE NO. MA21269)

Dear Mr. Beckwith,

The City of Jurupa Valley is the Lead Agency pursuant to the California Environmental Quality Act (CEQA), for the Environmental Impact Report (EIR) that is being prepared for the District@Rubidoux Project. The Project is an approximately 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 rescind and replace the existing Emerald Meadow's Ranch Specific Plan. The District at Rubidoux Specific Plan 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.

For this reason, the City will need to comply with the water supply assessment requirements of the State Water Code (Section 10910-10915), pursuant to State CEQA Guidelines Section 15155 (a) (1) (G). Therefore, the City is requesting a water supply assessment from the District to determine the District's ability to meet the water demands of the proposed project. The following information is intended to aid the District in the preparation of the requested water supply assessment.

Please refer to Attachment 1-*Project Description* and Attachment 2-*Conceptual Site Plan* for the proposed Project information.

If you have any questions or need additional information from the Project Proponent, please contact the following:

Jennifer Brooks
Project Manager
DO Capital Partners
484 S. San Vicente Blvd.
Los Angeles, CA 90048
E-Mail: jenniferb@docapgroup.com
Office: 310.441.5001
Cell: 949.922.2456

Brent McManigal
Shareholder
Gresham Savage Nolan & Tilden, PC
550 East Hospitality Lane, Suite 300
San Bernardino, CA 92408-4205
Office: (909) 890-4499 Ext. 1807
brent.mcmanigal@greshamsavage.com

If you have any questions or need additional information from the City, please contact the following:

Rocio Lopez
Senior Planner
City of Jurupa Valley
8930 Limonite Avenue
Jurupa Valley, CA 92509
(951) 332-6474 ext. 212

Sincerely,



Ernest Perea, CEQA Administrator

Attachments:

Project Description
Conceptual Site Plan

APPENDIX B

PROPOSED LAND USE PLAN (LUP) APRIL 2022


STATE ROUTE 60
RUBIDOUX BLVD
COMMERCIAL NEIGHBORHOOD
COMMERCIAL RETAIL
COMMERCIAL TOURIST
COMMERCIAL TOURIST
COMMERCIAL RETAIL (POWER CENTER)
BUSINESS PARK
N.A.P. 3
INDUSTRIAL (LOGISTICS)
A STREET
RESIDENTIAL
PARK AREA
N.A.P. 2
N.A.P. 1
PARK AREA
RESIDENTIAL
PARK AREA
PARK AREA
RESIDENTIAL
ANA RIVER
SANTA
WALLACE STREET
CRESTMORE ROAD

Table 2-1: Land Use Summary

Land Use	TTM Reference	Gross Acreage	Non-Residential Square Feet	Hotel Rooms[1]	Dwelling Unit
Commercial					
Neighborhood	1	10.8	165,000	---	---
Retail	2	17.8	175,000	---	---
Retail - Power Center	3,4,5	49.1	1,000,000	---	---
Tourist	14, 15	6.0	142,500	160	---
Vacate R/W	---	4.5	---	---	---
NAP Parcel	---	3.0	---	---	---
Commercial Sub-Total		**91.2**	**1,482,500**	**160**	**0**
Residential					
High Density Residential[2] 25 du/acre	9, 10, 11, 12, 13	47.5	---	---	1,196
Open Space	---	7.2	---	---	---
Residential Sub-Total		**54.7**	**0**	**0**	**1,196**
Business Park					
Business Park	7	4.4	30,000	---	---
Vacate R/W	---	1.2		---	---
NAP Parcel	---	1.0		---	---
Business Park Sub-Total		**6.5**	**30,000**	**0**	**0**
Industrial/Logistics					
Industrial	8	70.4	1,500,000	---	---
Vacated R/W	---	0.4	---	---	---
Industrial Sub-total		**70.8**	**1,500,000**	**0**	**0**
Public Improvements					
Public Streets	A, Q, C, D, J, K, L	20.1	---	---	---
Public Parkway	E, I	0.9	---	---	---
Public Facility	H	2.7	---	---	---
Public Imp Sub-Total		**23.6**	**0**	**0**	**0**
TOTALS		**247 AC**	**3,012,500 SF**	**160 Rm**	**1,196 DU**

Notes:
1. Hotel Square Feet included in Non-Residential Square Feet.
2. Density permits up to 25 du/acre, with no minimum.

APPENDIX C

CALIFORNIA GOVERNMENT CODE SECTION 66473.7
(SENATE BILL NO. 221 AS AMENDED)

State of California

GOVERNMENT CODE

Section 66473.7

66473.7. (a) For the purposes of this section, the following definitions apply:

(1) "Subdivision" means a proposed residential development of more than 500 dwelling units, except that for a public water system that has fewer than 5,000 service connections, "subdivision" means any proposed residential development that would account for an increase of 10 percent or more in the number of the public water system's existing service connections.

(2) "Sufficient water supply" means the total water supplies available during normal, single-dry, and multiple-dry years within a 20-year projection that will meet the projected demand associated with the proposed subdivision, in addition to existing and planned future uses, including, but not limited to, agricultural and industrial uses. In determining "sufficient water supply," all of the following factors shall be considered:

(A) The availability of water supplies over a historical record of at least 20 years.

(B) The applicability of an urban water shortage contingency analysis prepared pursuant to Section 10632 of the Water Code that includes actions to be undertaken by the public water system in response to water supply shortages.

(C) The reduction in water supply allocated to a specific water use sector pursuant to a resolution or ordinance adopted, or a contract entered into, by the public water system, as long as that resolution, ordinance, or contract does not conflict with Section 354 of the Water Code.

(D) The amount of water that the water supplier can reasonably rely on receiving from other water supply projects, such as conjunctive use, reclaimed water, water conservation, and water transfer, including programs identified under federal, state, and local water initiatives such as CALFED and Colorado River tentative agreements, to the extent that these water supplies meet the criteria of subdivision (d).

(E) If a proposed subdivision relies in whole or in part on groundwater, the following factors:

(i) For a basin for which a court or the State Water Resources Control Board has adjudicated the rights to pump groundwater, the order or decree adopted by the court or the State Water Resources Control Board.

(ii) For a basin that has not been adjudicated, as follows:

(I) For a basin designated as high- or medium-priority pursuant to Section 10722.4 of the Water Code, the most recently adopted or revised adopted groundwater sustainability plan or approved alternative. If there is no adopted groundwater sustainability plan or approved alternative, information as to whether the Department

of Water Resources has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue.

(II) For a basin designated as low- or very low priority pursuant to Section 10722.4 of the Water Code, information as to whether the Department of Water Resources has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue.

(3) "Public water system" means the water supplier that is, or may become as a result of servicing the subdivision included in a tentative map pursuant to subdivision (b), a public water system, as defined in Section 10912 of the Water Code, that may supply water for a subdivision.

(b) (1) The legislative body of a city or county or the advisory agency, to the extent that it is authorized by local ordinance to approve, conditionally approve, or disapprove the tentative map, shall include as a condition in any tentative map that includes a subdivision a requirement that a sufficient water supply shall be available. Proof of the availability of a sufficient water supply shall be requested by the subdivision applicant or local agency, at the discretion of the local agency, and shall be based on written verification from the applicable public water system within 90 days of a request.

(2) If the public water system fails to deliver the written verification as required by this section, the local agency or any other interested party may seek a writ of mandamus to compel the public water system to comply.

(3) If the written verification provided by the applicable public water system indicates that the public water system is unable to provide a sufficient water supply that will meet the projected demand associated with the proposed subdivision, then the local agency may make a finding, after consideration of the written verification by the applicable public water system, that additional water supplies not accounted for by the public water system are, or will be, available prior to completion of the subdivision that will satisfy the requirements of this section. This finding shall be made on the record and supported by substantial evidence.

(4) If the written verification is not provided by the public water system, notwithstanding the local agency or other interested party securing a writ of mandamus to compel compliance with this section, then the local agency may make a finding that sufficient water supplies are, or will be, available prior to completion of the subdivision that will satisfy the requirements of this section. This finding shall be made on the record and supported by substantial evidence.

(c) The applicable public water system's written verification of its ability or inability to provide a sufficient water supply that will meet the projected demand associated with the proposed subdivision as required by subdivision (b) shall be supported by substantial evidence. The substantial evidence may include, but is not limited to, any of the following:

(1) The public water system's most recently adopted urban water management plan adopted pursuant to Part 2.6 (commencing with Section 10610) of Division 6 of the Water Code.

(2) A water supply assessment that was completed pursuant to Part 2.10 (commencing with Section 10910) of Division 6 of the Water Code.

(3) A groundwater sustainability plan adopted or alternative approved pursuant to Part 2.74 (commencing with Section 10720) of Division 6 of the Water Code.

(4) Other information relating to the sufficiency of the water supply that contains analytical information that is substantially similar to the assessment required by Section 10635 of the Water Code.

(d) When the written verification pursuant to subdivision (b) relies on projected water supplies that are not currently available to the public water system, to provide a sufficient water supply to the subdivision, the written verification as to those projected water supplies shall be based on all of the following elements, to the extent each is applicable:

(1) Written contracts or other proof of valid rights to the identified water supply that identify the terms and conditions under which the water will be available to serve the proposed subdivision.

(2) Copies of a capital outlay program for financing the delivery of a sufficient water supply that has been adopted by the applicable governing body.

(3) Securing of applicable federal, state, and local permits for construction of necessary infrastructure associated with supplying a sufficient water supply.

(4) Any necessary regulatory approvals that are required in order to be able to convey or deliver a sufficient water supply to the subdivision.

(e) If there is no public water system, the local agency shall make a written finding of sufficient water supply based on the evidentiary requirements of subdivisions (c) and (d) and identify the mechanism for providing water to the subdivision.

(f) In making any findings or determinations under this section, a local agency, or designated advisory agency, may work in conjunction with the project applicant and the public water system to secure water supplies sufficient to satisfy the demands of the proposed subdivision. If the local agency secures water supplies pursuant to this subdivision, which supplies are acceptable to and approved by the governing body of the public water system as suitable for delivery to customers, it shall work in conjunction with the public water system to implement a plan to deliver that water supply to satisfy the long-term demands of the proposed subdivision.

(g) The written verification prepared under this section shall also include a description, to the extent that data is reasonably available based on published records maintained by federal and state agencies, and public records of local agencies, of the reasonably foreseeable impacts of the proposed subdivision on the availability of water resources for agricultural and industrial uses within the public water system's service area that are not currently receiving water from the public water system but are utilizing the same sources of water. To the extent that those reasonably foreseeable impacts have previously been evaluated in a document prepared pursuant to the California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) or the National Environmental Policy Act (Public Law 91-190) for the proposed subdivision, the public water system may utilize that information in preparing the written verification.

(h) Where a water supply for a proposed subdivision includes groundwater, the public water system serving the proposed subdivision shall evaluate, based on substantial evidence, the extent to which it or the landowner has the right to extract the additional groundwater needed to supply the proposed subdivision. Nothing in this subdivision is intended to modify state law with regard to groundwater rights.

(i) This section shall not apply to any residential project proposed for a site that is within an urbanized area and has been previously developed for urban uses, or where the immediate contiguous properties surrounding the residential project site are, or previously have been, developed for urban uses, or housing projects that are exclusively for very low and low-income households.

(j) The determinations made pursuant to this section shall be consistent with the obligation of a public water system to grant a priority for the provision of available and future water resources or services to proposed housing developments that help meet the city's or county's share of the regional housing needs for lower income households, pursuant to Section 65589.7.

(k) The County of San Diego shall be deemed to comply with this section if the Office of Planning and Research determines that all of the following conditions have been met:

(1) A regional growth management strategy that provides for a comprehensive regional strategy and a coordinated economic development and growth management program has been developed pursuant to Proposition C as approved by the voters of the County of San Diego in November 1988, which required the development of a regional growth management plan and directed the establishment of a regional planning and growth management review board.

(2) Each public water system, as defined in Section 10912 of the Water Code, within the County of San Diego has adopted an urban water management plan pursuant to Part 2.6 (commencing with Section 10610) of the Water Code.

(3) The approval or conditional approval of tentative maps for subdivisions, as defined in this section, by the County of San Diego and the cities within the county requires written communications to be made by the public water system to the city or county, in a format and with content that is substantially similar to the requirements contained in this section, with regard to the availability of a sufficient water supply, or the reliance on projected water supplies to provide a sufficient water supply, for a proposed subdivision.

(*l*) Nothing in this section shall preclude the legislative body of a city or county, or the designated advisory agency, at the request of the applicant, from making the determinations required in this section earlier than required pursuant to subdivision (b).

(m) Nothing in this section shall be construed to create a right or entitlement to water service or any specific level of water service.

(n) Nothing in this section is intended to change existing law concerning a public water system's obligation to provide water service to its existing customers or to any potential future customers.

APPENDIX D

CALIFORNIA WATER CODE SECTION 10910
(SENATE BILL NO. 610, AS AMENDED)

State of California

WATER CODE

Section 10910

10910. (a) Any city or county that determines that a project, as defined in Section 10912, is subject to the California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) under Section 21080 of the Public Resources Code shall comply with this part.

(b) The city or county, at the time that it determines whether an environmental impact report, a negative declaration, or a mitigated negative declaration is required for any project subject to the California Environmental Quality Act pursuant to Section 21080.1 of the Public Resources Code, shall identify any water system whose service area includes the project site and any water system adjacent to the project site that is, or may become as a result of supplying water to the project identified pursuant to this subdivision, a public water system, as defined in Section 10912, that may supply water for the project. If the city or county is not able to identify any public water system that may supply water for the project, the city or county shall prepare the water assessment required by this part after consulting with any entity serving domestic water supplies whose service area includes the project site, the local agency formation commission, and any public water system adjacent to the project site.

(c) (1) The city or county, at the time it makes the determination required under Section 21080.1 of the Public Resources Code, shall request each public water system identified pursuant to subdivision (b) to determine whether the projected water demand associated with a proposed project was included as part of the most recently adopted urban water management plan adopted pursuant to Part 2.6 (commencing with Section 10610).

(2) If the projected water demand associated with the proposed project was accounted for in the most recently adopted urban water management plan, the public water system may incorporate the requested information from the urban water management plan in preparing the elements of the assessment required to comply with subdivisions (d), (e), (f), and (g).

(3) If the projected water demand associated with the proposed project was not accounted for in the most recently adopted urban water management plan, or the public water system has no urban water management plan, the water supply assessment for the project shall include a discussion with regard to whether the public water system's total projected water supplies available during normal, single dry, and multiple dry water years during a 20-year projection will meet the projected water demand associated with the proposed project, in addition to the public water system's existing and planned future uses, including agricultural and manufacturing uses.

(4) If the city or county is required to comply with this part pursuant to subdivision (b), the water supply assessment for the project shall include a discussion with regard to whether the total projected water supplies, determined to be available by the city or county for the project during normal, single dry, and multiple dry water years during a 20-year projection, will meet the projected water demand associated with the proposed project, in addition to existing and planned future uses, including agricultural and manufacturing uses.

(d) (1) The assessment required by this section shall include an identification of any existing water supply entitlements, water rights, or water service contracts relevant to the identified water supply for the proposed project, and a description of the quantities of water received in prior years by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), under the existing water supply entitlements, water rights, or water service contracts.

(2) An identification of existing water supply entitlements, water rights, or water service contracts held by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), shall be demonstrated by providing information related to all of the following:

(A) Written contracts or other proof of entitlement to an identified water supply.

(B) Copies of a capital outlay program for financing the delivery of a water supply that has been adopted by the public water system.

(C) Federal, state, and local permits for construction of necessary infrastructure associated with delivering the water supply.

(D) Any necessary regulatory approvals that are required in order to be able to convey or deliver the water supply.

(e) If no water has been received in prior years by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), under the existing water supply entitlements, water rights, or water service contracts, the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), shall also include in its water supply assessment pursuant to subdivision (c), an identification of the other public water systems or water service contractholders that receive a water supply or have existing water supply entitlements, water rights, or water service contracts, to the same source of water as the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), has identified as a source of water supply within its water supply assessments.

(f) If a water supply for a proposed project includes groundwater, the following additional information shall be included in the water supply assessment:

(1) A review of any information contained in the urban water management plan relevant to the identified water supply for the proposed project.

(2) (A) A description of any groundwater basin or basins from which the proposed project will be supplied.

(B) For those basins for which a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the public water system, or the city

or county if either is required to comply with this part pursuant to subdivision (b), has the legal right to pump under the order or decree.

(C) For a basin that has not been adjudicated that is a basin designated as high- or medium-priority pursuant to Section 10722.4, information regarding the following:

(i) Whether the department has identified the basin as being subject to critical conditions of overdraft pursuant to Section 12924.

(ii) If a groundwater sustainability agency has adopted a groundwater sustainability plan or has an approved alternative, a copy of that alternative or plan.

(D) For a basin that has not been adjudicated that is a basin designated as low- or very low priority pursuant to Section 10722.4, information as to whether the department has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current bulletin of the department that characterizes the condition of the groundwater basin, and a detailed description by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), of the efforts being undertaken in the basin or basins to eliminate the long-term overdraft condition.

(3) A detailed description and analysis of the amount and location of groundwater pumped by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), for the past five years from any groundwater basin from which the proposed project will be supplied. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), from any basin from which the proposed project will be supplied. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(5) An analysis of the sufficiency of the groundwater from the basin or basins from which the proposed project will be supplied to meet the projected water demand associated with the proposed project. A water supply assessment shall not be required to include the information required by this paragraph if the public water system determines, as part of the review required by paragraph (1), that the sufficiency of groundwater necessary to meet the initial and projected water demand associated with the project was addressed in the description and analysis required by subparagraph (D) of paragraph (4) of subdivision (b) of Section 10631.

(g) (1) Subject to paragraph (2), the governing body of each public water system shall submit the assessment to the city or county not later than 90 days from the date on which the request was received. The governing body of each public water system, or the city or county if either is required to comply with this act pursuant to subdivision (b), shall approve the assessment prepared pursuant to this section at a regular or special meeting.

(2) Prior to the expiration of the 90-day period, if the public water system intends to request an extension of time to prepare and adopt the assessment, the public water

system shall meet with the city or county to request an extension of time, which shall not exceed 30 days, to prepare and adopt the assessment.

(3) If the public water system fails to request an extension of time, or fails to submit the assessment notwithstanding the extension of time granted pursuant to paragraph (2), the city or county may seek a writ of mandamus to compel the governing body of the public water system to comply with the requirements of this part relating to the submission of the water supply assessment.

(h) Notwithstanding any other provision of this part, if a project has been the subject of a water supply assessment that complies with the requirements of this part, no additional water supply assessment shall be required for subsequent projects that were part of a larger project for which a water supply assessment was completed and that has complied with the requirements of this part and for which the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), has concluded that its water supplies are sufficient to meet the projected water demand associated with the proposed project, in addition to the existing and planned future uses, including, but not limited to, agricultural and industrial uses, unless one or more of the following changes occurs:

(1) Changes in the project that result in a substantial increase in water demand for the project.

(2) Changes in the circumstances or conditions substantially affecting the ability of the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), to provide a sufficient supply of water for the project.

(3) Significant new information becomes available that was not known and could not have been known at the time when the assessment was prepared.

(i) For the purposes of this section, hauled water is not considered as a source of water.

(Amended by Stats. 2018, Ch. 15, Sec. 19. (AB 1668) Effective January 1, 2019.)

APPENDIX E

DETERMINATION OF WATER DEMAND FOR THE DISTRICT AT JURUPA VALLEY

APPNDIX E PROJECT WATER DEMAND DETERMINATION						
COMMERCIAL						
Land Use	**Acres**	**Non-Residential Square Feet**	**Density, FAR**	**Hotel Rooms (1)**	**Duty Factor (3) (AF/ac/Yr)**	**Maximum Annual Use (AF/Yr)**
Neighborhood	**10.8**	**165,000**	**0.35**	**---**	**2.03**	**21.90**
Retail	**17.8**	**175,000**	**0.23**	**---**	**2.03**	**36.09**
Retail - Power Center (Furniture Store/Warehouse)	**49.1**	**1,000,000**	**0.47**	**---**	**2.46**	**121.01**
Tourist (Hotel)	**6**	**142,000**	**0.54**	**160**	**0.16**	**0.94**
Vacated R/W (Park)	**4.5**	**---**	**0**	**---**	**1.09**	**4.89**
NAP Parcel	**3**	**---**	**0**	**---**	**0.00**	**0.00**
COMMERCIAL SUBTOTAL	**91.2**	**1,482,000**		**--**	**--**	**184.83**
RESIDENTIAL						
Land Use	**Acres**	**Maximum DUs**	**Max Density, DU/Ac**		**Duty Factor (3) (AF/ac/Yr)**	**Maximum Annual Use (AF/Yr)**
Highest Density Residential (2)	47.5	1196	25	**--**	5.37	254.88
RESIDENTIAL SUBTOTAL	**47.5**	**1,196**		**--**	**--**	**254.88**
BUSINESS PARK						
Land Use	**Acres**	**Non-Residential Square Feet**	**Density, FAR**	**---**	**Duty Factor (3) (AF/ac/Yr)**	**Maximum Annual Use (AF/Yr)**
Business Park (BP)	4.4	30,000	0.16	---	2.46	10.84
Vacated R/W (Park)	1.2		---		1.09	1.30
NAP Parcel	1.0		---		0	0
BUSINESS PARK SUBTOTAL	**6.6**	**---**	**---**	**---**	**--**	**12.15**
INDUSTRIAL/LOGISTICS						
Land Use	**Acres**	**Non-Residential Square Feet**	**Density, FAR**	**---**	**Duty Factor (3) (AF/ac/Yr)**	**Maximum Annual Use (AF/Yr)**
Industrial/Logistics	70.4	1,500,000	0.49	**---**	2.24	157.73
Vacated R/W (Park)	0.4	---	---	**---**	1.09	0.43
INDUSTRIAL/LOGISTICS SUBTOTAL	**70.8**	---	---	**---**	**--**	**158.16**
PUBLIC IMPROVEMENTS						
Land Use	**Acres**	**Non-Residential Square Feet**	**---**	**---**	**Duty Factor (3) (AF/ac/Yr)**	**Maximum Annual Use (AF/Yr)**
Public Streets	20.1	--	--	--	0.00	0.00
Public Parkway (Park)	0.9	--	--	--	1.09	0.98
Public Facility	2.7	--	--	--	0.40	1.09
PUBLIC IMPROVEMENTS SUBTOTAL	**23.7**	**N/A**	**--**	**--**	**--**	**2.07**
PROJECT TOTALS						
	Acres	**Maximum DUs**	**--**	**--**	**--**	**Maximum Annual Use (AF/Yr)**
PROJECT TOTALS	**239.8**	**1,196**	**--**	**--**	**--**	**612.08**

NOTES:

(1) Hotel Square Feet included in Non-Residential Square Feet.

(2) Density permits up to 25/DU/acre, with no minimum.

(3) Duty Factors derived from Table 3-3 of RCSD 2022 Water Master Plan

APPENDIX F

SUPERIOR COURT OF THE STATE OF CALIFORNIA
IN AND FOR THE COUNTY OF RIVERSIDE
JUDGMENT 78426
(1969 JUDGMENT)

FILED
RIVERSIDE COUNTY
APR 17 1969
DONALD D. SHELLEY, Clerk
By _____ Deputy

IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA

IN AND FOR THE COUNTY OF RIVERSIDE

WESTERN MUNICIPAL WATER DISTRICT OF RIVERSIDE COUNTY, a municipal water district; CITY OF RIVERSIDE, a municipal corporation; THE GAGE CANAL COMPANY, a corporation; AGUA MANSA WATER COMPANY, a corporation, MEEKS & DALEY WATER COMPANY, a corporation; RIVERSIDE HIGHLAND WATER COMPANY, a corporation, and THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,

Plaintiffs,

-vs-

(A) EAST SAN BERNARDINO COUNTY WATER DISTRICT, et al.,

Defendants

No. 78726

JUDGMENT

TABLE OF CONTENTS

		Page
RECITALS		
I	Active Parties	5
II	Dismissed Parties	5
III	Prior Judgments	6
IV	Definitions	7
V	Extractions from the San Bernardino Basin Area	10
VI	San Bernardino Basin Area Rights and Replenishment	10
VII	Water Discharged Across the Bunker Hill Dike	16
VIII	Extractions from Colton Basin Area and Riverside Basin Area in San Bernardino County	16
IX	Extractions from the Portion of Riverside Basin Area in Riverside County which is tributary to Riverside Narrows.	20
X	Replenishment to Offset New Exports of Water to Areas not Tributary to Riverside Narrows.	21
XI	Replenishment Credits and Adjustment for Quality	22
XII	Conveyance of Water by San Bernardino Valley to Riverside Narrows.	24
XIII	Watermaster	25
XIV	Continuing Jurisdiction of the Court	27
XV	Saving Clauses	29
XVI	Effective Date	31
XVII	Costs	31

APPENDIX A -- Map showing San Bernardino Basin Area, Colton Basin Area, and Riverside Basin Area situated within San Bernardino County; Riverside Basin Area within Riverside County; Bunker Hill Dike; Riverside Narrows; and

Boundaries of San Bernardino Valley Municipal Water District & Western Municipal Water District of Riverside County

APPENDIX B -- Extractions by Plaintiffs from San Bernardino Basin Area.

APPENDIX C -- Exports for Use on Lands not Tributary to Riverside Narrows

APPENDIX D -- Miscellaneous Data

RECITALS

(a) Complaint. The complaint in this action was filed by certain parties exporting water from the area defined herein as the San Bernardino Basin Area for use within Western, and sought a general adjudication of water rights.

(b) Orange County Water District Action. Subsequently the Orange County Water District filed an action for the adjudication of the water rights of substantially all water users in the area tributary to Prado Dam in the Santa Ana River Watershed. A decree of physical solution has been entered in such action whereby individual water users were dismissed, and San Bernardino Valley and Western assumed responsibility for the deliveries of certain flows at Riverside Narrows and Prado respectively.

(c) Physical Solution. The Judgment herein will further implement the physical solution in the Orange County Water District action, as well as determine the rights of the hereinafter named Plaintiffs to extract water from the San Bernardino Basin Area, and provide for replenishment of the area above Riverside Narrows. Such Judgment is fair and equitable, in the best interests of the parties, and in furtherance of the water policy of the State. San Bernardino Valley has the statutory power and resources to effectuate this Judgment and accordingly the other defendants may be dismissed.

(d) Stipulation. The parties named herein through their respective counsel have proposed and filed a written stipulation agreeing to the making and entry of this Judgment. By reason of such stipulation, and good cause appearing

therefor,

IT IS HEREBY ORDERED, ADJUDGED AND DECREED as follows:

I

ACTIVE PARTIES

(a) The parties to this Judgment are as follows:

(1) Plaintiff Western Municipal Water District of Riverside County, a California municipal water district, herein often called "Western", appearing and acting pursuant to Section 71751 of the Water Code;

(2) Plaintiff City of Riverside, a municipal corporation;

(3) Plaintiffs Riverside Highland Water Company, Agua Mansa Water Company and Meeks & Daley Water Company, each of which is a mutual water company and a California corporation;

(4) Plaintiff The Regents of the University of California, a California public corporation;

(5) Defendant San Bernardino Valley Municipal Water District, a California municipal water district, herein often called "San Bernardino Valley", appearing and acting pursuant to Section 71751 of the Water Code;

(b) This Judgment shall inure to the benefit of, and be binding upon, the successors and assigns of the parties.

II

DISMISSED PARTIES

All parties other than those named in the preceding Paragraph I are dismissed without prejudice.

III

PRIOR JUDGMENTS

(a) The Judgment dated and entered on May 13, 1959, in that certain action filed in the Superior Court of the State of California in and for the County of San Bernardino, entitled and numbered "San Bernardino Valley Water Conservation District, a State Agency, Plaintiff v. Riverside Water Company, a corporation, et al., Defendants", No. 97031, is superseded effective January 1, 1971, and for so long as this Judgment remains in effect as to any party hereto that was a party to that action, and as to any party hereto that is a successor in interest to the rights determined in that action.

(b) The Judgment dated June 23, 1965, and entered on April 21, 1966, in that certain action filed in the Superior Court of the State of California in and for the County of San Bernardino entitled and numbered "San Bernardino Valley Water Conservation District, a State Agency, Plaintiff, v. Riverside Water Company, a corporation, et al., Defendants," No. 111614, is superseded effective January 1, 1971, and for so long as this Judgment remains in effect as to any party hereto that was a party to that action, and as to any party hereto that is a successor in interest to any rights determined in that action.

(c) As used in this Paragraph III only, "party" includes any person or entity which stipulates with the parties hereto to accept this Judgment.

IV

DEFINITIONS

The following ground water basins and tributary areas are situated within the Santa Ana River watershed upstream from Riverside Narrows and are tributary thereto, and their approximate locations and boundaries for purposes of this Judgment are shown upon the map attached hereto as Appendix "A": San Bernardino Basin Area (the area above Bunker Hill Dike, but excluding certain mountainous regions and the Yucaipa, San Timoteo, Oak Glen and Beaumont Basins); Colton Basin Area, Riverside Basin Area within San Bernardino County, and Riverside Basin Area within Riverside County.

As used herein the following terms shall have the meanings herein set forth:

(a) Bunker Hill Dike - The San Jacinto Fault, located approximately as shown on Appendix "A", and forming the principal downstream boundary of the San Bernardino Basin Area.

(b) Riverside Narrows - That bedrock narrows in the Santa Ana River indicated on Appendix "A".

(c) Extractions - Any form of the verb or noun shall include pumping, diverting, taking or withdrawing water, either surface or subsurface, by any means whatsoever, except extractions for hydroelectric generation to the extent that such flows are returned to the stream, and except for diversions for replenishment.

(d) Natural Precipitation - Precipitation which falls naturally in the Santa Ana River watershed.

(e) Imported Water - Water brought into the Santa Ana River watershed from sources of origin outside such watershed.

(f) Replenishment - Artificial recharge of the ground water body achieved through the spreading or retention of water for the purpose of causing it to percolate and join the underlying ground water body, or injection of water into the ground water resources by means of wells; provided that as used with reference to any obligation of Western to replenish the Riverside Basin Area in Riverside County, the term replenishment shall include any water caused to be delivered by Western for which credit is received by San Bernardino Valley against its obligation under the Orange County Judgment to provide base flow at Riverside Narrows.

(g) Safe Yield - Safe yield is that maximum average annual amount of water that could be extracted from the surface and subsurface water resources of an area over a period of time sufficiently long to represent or approximate long-time mean climatological conditions, with a given areal pattern of extractions, under a particular set of physical conditions or structures as such affect the net recharge to the ground water body, and with a given amount of usable underground storage capacity, without resulting in long-term, progressive lowering of ground water levels or other undesirable result. In determining the operational criteria to avoid such adverse results, consideration shall be given to maintenance of adequate ground water quality, subsurface outflow, costs of pumping, and other relevant factors.

The amount of safe yield is dependent in part upon the amount of water which can be stored in and used from the ground water reservoir over a period of normal water supply under a given set of conditions. Safe yield is thus related to factors which influence or control ground water recharge, and

to the amount of storage space available to carry over recharge occurring in years of above average supply to years of deficient supply. Recharge, in turn, depends on the available surface water supply and the factors influencing the percolation of that supply to the water table.

Safe yield shall be determined in part through the evaluation of the average net groundwater recharge which would occur if the culture of the safe yield year had existed over a period of normal native supply.

(h) Natural Safe Yield - That portion of the safe yield of the San Bernardino Basin Area which could be derived solely from natural precipitation in the absence of imported water and the return flows therefrom, and without contributions from new conservation. If in the future any natural runoff tributary to the San Bernardino Basin Area is diverted away from that Basin Area so that it is not included in the calculation of natural safe yield, any replacement made thereof by San Bernardino Valley or entities within it from imported water shall be included in such calculation.

(i) New Conservation - Any increase in replenishment from natural precipitation which results from operation of works and facilities not now in existence, other than those works installed and operations which may be initiated to offset losses caused by increased flood control channelization.

(j) Year - A calendar year from January 1 through December 31. The term "annual" shall refer to the same period of time.

(k) Orange County Judgment - The final judgment in Orange County Water District v. City of Chino, et al., Orange County Superior Court No. 117628, as it may from time to

time be modified.

(l) Return Flow - That portion of the water applied for use in any particular ground water basin which subsequently reaches the ground water body in that basin.

(m) Five Year Period - a period of five consecutive years.

V

EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA

(a) For Use by Plaintiffs. The average annual extractions from the San Bernardino Basin Area delivered for use in each service area by each Plaintiff for the five year period ending with 1963 are hereby determined to be as set forth in Table B-1 of Appendix "B". The amount for each such Plaintiff delivered for use in each service area as set forth in Table B-1 shall be designated, for purposes of this Judgment, as its "base right" for such service area.

(b) For Use by Others. The total actual average annual extractions from the San Bernardino Basin Area by entities other than Plaintiffs for use within San Bernardino County for the five year period ending with 1963 are assumed to be 165,407 acre feet; the correct figure shall be determined by the Watermaster as herein provided.

VI

SAN BERNARDINO BASIN AREA RIGHTS AND REPLENISHMENT

(a) Determination of Natural Safe Yield. The natural safe yield of the San Bernardino Basin Area shall be computed by the Watermaster, reported to and determined initially by supplemental order of this Court, and thereafter

shall be subject to the continuing jurisdiction thereof.

(b) Annual Adjusted Rights of Plaintiffs.

1. The annual "adjusted right" of each Plaintiff to extract water from the San Bernardino Basin Area for use in each service area designated in Table B-1 shall be equal to the sum of the following:

(a) its base right for such service area, until the natural safe yield of the San Bernardino Basin Area is determined, and thereafter its percentage of such natural safe yield determined by the methods used in Table B-2; and (b) an equal percentage for each service area of any new conservation, provided the conditions of the subparagraph 2 below have been met.

2. In order that the annual adjusted right of each such Plaintiff shall include its same respective percentage of any new conservation, such Plaintiff shall pay its proportionate share of the costs thereof. Each Plaintiff shall have the right to participate in new conservation projects, under procedures to be determined by the Watermaster for notice to Plaintiffs of the planned construction of such projects. With respect to any new conservation brought about by Federal installations, the term "costs" as used herein shall refer to any local share required to be paid in connection with such project. Each Plaintiff shall make its payment at times satisfactory to the constructing agency, and new conservation shall be credited to any participating Plaintiff as such conservation is effected.

3. In any five year period, each Plaintiff shall have the right to extract from the San Bernardino Basin Area for use in each service area designated in Table B-1 an amount of water equal to five times its adjusted right for such service area; provided, however, that extractions by each Plaintiff in any year in any service area shall not exceed such Plaintiff's adjusted right for that service area by more than 30 percent.

4. If the natural safe yield of the San Bernardino Basin Area has not been determined by January 1, 1972, the initial determination thereof shall be retroactive to that date and the rights of the Plaintiffs, and the replenishment obligation of San Bernardino Valley as hereinafter set forth, shall be adjusted as of such date. Any excess extractions by Plaintiffs shall be charged against their respective adjusted rights over the next five year period, or in the alternative, Plaintiffs may pay to San Bernardino Valley the full cost of any replenishment which it has provided as replenishment for such excess extractions. Any obligation upon San Bernardino Valley to provide additional replenishment, by virtue of such retroactive determination of natural safe yield, may also be discharged over such next five year period.

5. Plaintiffs and each of them and their agents and assigns are enjoined from extracting any more water from the San Bernardino Basin Area than is permitted under this Judgment. Changes in place

of use of any such water from one service area to another shall not be made without the prior approval of Court upon a finding of compliance with Paragraph XV(b) of this Judgment. So long as San Bernardino Valley is in compliance with all its obligations hereunder, and Plaintiffs are allowed to extract the water provided for in this Judgment, Plaintiffs are further enjoined from bringing any action to limit the water extracted from the San Bernardino Basin Area for use within San Bernardino Valley.

6. Nothing in this Judgment shall prevent future agreements between San Bernardino Valley and Western under which additional extractions may be made from the San Bernardino Basin Area, subject to the availability of imported water not required by San Bernardino Valley, and subject to payment satisfactory to San Bernardino Valley for replenishment required to compensate for such additional extractions.

(c) San Bernardino Valley Replenishment. San Bernardino Valley shall provide imported water for replenishment of the San Bernardino Basin Area at least equal to the amount by which extractions therefrom for use within San Bernardino County exceed during any five year period the sum of: (a) five times the total average annual extractions determined under Paragraph V(b) hereof, adjusted as may be required by the natural safe yield of the San Bernardino Basin Area; and (b) any new conservation to which users within San Bernardino Valley are entitled. Such replenishment shall be

supplied in the year following any five year period; provided that during the first five year period, San Bernardino Valley shall supply annual amounts on account of its obligations hereunder, and such amounts shall be not less than fifty percent of the gross amount of excess extractions in the previous year.

1. Against its replenishment obligation over any five year period San Bernardino Valley shall receive credit for that portion of such excess extractions that returns to the ground water of the San Bernardino Basin Area.

2. San Bernardino Valley shall also receive credit against any future replenishment obligations for all replenishment which it provides in excess of that required herein, and for any amounts which may be extracted without replenishment obligation, which in fact are not extracted.

(d) In this subparagraph (d), "person" and "entity" mean only those persons and entities, and their successors in interest, which have stipulated with the parties to this Judgment within six months after its entry to accept this Judgment.

San Bernardino Valley agrees that the base rights of persons or entities other than Plaintiffs to extract water from the San Bernardino Basin Area for use within San Bernardino Valley will be determined by the average annual quantity extracted by such person or entity during the five year period ending with 1963. After the natural safe yield of the San Bernardino Basin Area is determined hereunder, such

base rights will be adjusted to such natural safe yield; the adjusted right of each such person or entity shall be that percentage of natural safe yield as determined hereunder from time to time which the unadjusted right of such person or entity is of the amount determined under Paragraph V(b).

San Bernardino Valley further agrees that in the event the right to extract water of any of such persons or entities in the San Bernardino Basin Area is adjudicated and legal restrictions placed on such extractions which prevent extracting of water by said persons or entities in an amount equal to their base rights, or after natural safe yield is determined, their adjusted rights, San Bernardino Valley will furnish to such persons or entities or recharge the ground water resources in the area of extraction for their benefit with imported water, without direct charge to such persons or entities therefor, so that the base rights, or adjusted rights, as the case may be, may be taken by the person or entity.

Under the provisions hereof relating to furnishing of such water by San Bernardino Valley, such persons or entities shall be entitled to extract in addition to their base rights or adjusted rights any quantities of water spread for repumping in their area of extractions, which has been delivered to them by a mutual water company under base rights or adjusted base rights included by the Watermaster under the provisions of Paragraph V (b) hereof. Extractions must be made within three years of spreading to so qualify.

VII

WATER DISCHARGED ACROSS THE BUNKER HILL DIKE

San Bernardino Valley shall keep in force an agreement with the City of San Bernardino that the present annual quantity of municipal sewage effluent discharged across Bunker Hill Dike, assumed for all purposes herein to be 16,000 acre feet annually, shall be committed to the discharge of the downstream obligations imposed on San Bernardino Valley under this Judgment or under the Orange County Judgment, and that such effluent shall comply with the requirements of the Santa Ana River Basin Regional Water Quality Control Board in effect December 31, 1968.

VIII

EXTRACTIONS FROM COLTON BASIN AREA AND RIVERSIDE BASIN AREA IN SAN BERNARDINO COUNTY.

(a) The average annual extractions from the Colton Basin Area and that portion of the Riverside Basin Area within San Bernardino County, for use outside San Bernardino Valley, for the five year period ending with 1963 are assumed to be 3,349 acre feet and 20,191 acre feet, respectively; the correct figures shall be determined by the Watermaster as herein provided.

(b) Over any five year period, there may be extracted from each such Basin Area for use outside San Bernardino Valley, without replenishment obligation, an amount equal to five times such annual average for the Basin Area; provided, however, that if extractions in any year exceed such average by more than 20 percent, Western shall provide replenishment in the following year equal to the excess

extractions over such 20 percent peaking allowance.

(c). To the extent that extractions from each such Basin Area for use outside San Bernardino Valley exceed the amounts specified in the next preceding Paragraph (b), Western shall provide replenishment. Except for any extractions in excess of the 20 percent peaking allowance, such replenishment shall be supplied in the year following any five year period, and shall not be from reclaimed water produced within San Bernardino Valley. Such replenishment shall also be of a quality at least equal to the water extracted from the Basin Area being recharged; provided, that water from the State Water Project shall be deemed to be of acceptable quality. Replenishment shall be supplied to the Basin Area from which any excess extractions have occurred and in the vicinity of the place of the excess extractions to the extent required to preclude influence on the water level in the three wells below designated; provided that discharge of imported water into the Santa Ana River or Warm Creek from a connection on the State Aqueduct near the confluence thereof, if released in accordance with a schedule approved by the Watermaster to achieve compliance with the objectives of this Judgment, shall satisfy any obligation of Western to provide replenishment in the Colton Basin Area, or that portion of the Riverside Basin Area in San Bernardino County, or the Riverside Basin Area in Riverside County.

(d) Extractions from the Colton Basin Area and that portion of the Riverside Basin Area within San Bernardino County, for use within San Bernardino Valley, shall not be limited. However, except for any required replenishment by Western, San Bernardino Valley shall provide the water to maintain the static water levels in the area, as determined by wells numbered

1S 4W 21 Q3, 1S 4W 29 H1, and 1S 4W 29 Q1 at an average level no lower than that which existed in the Fall season of 1963. Such 1963 average water level is hereby determined to be 822.04 feet above sea level. In future years, the level shall be computed by averaging the lowest static water levels in each of the three wells occurring at or about the same time of the year, provided that no measurements will be used which reflect the undue influence of pumping in nearby wells, or in the three wells, or pumping from the Riverside Basin in Riverside County in excess of that determined pursuant to Paragraph IX(a) hereof.

(e) Extractions by Plaintiffs from the Colton Basin Area and the portion of the Riverside Basin Area in San Bernardino County may be transferred to the San Bernardino Basin Area if the level specified in Paragraph (d) above is not maintained, but only to the extent necessary to restore such 1963 average water level, provided that Western is not in default in any of its replenishment obligations. San Bernardino Valley shall be required to replenish the San Bernardino Basin Area in an amount equal to any extractions so transferred. San Bernardino Valley shall be relieved of responsibility toward the maintenance of such 1963 average water level to the extent that Plaintiffs have physical facilities available to accommodate such transfers of extractions, and insofar as such transfers can be legally accomplished.

(f) The Colton Basin Area and the portion of the Riverside Basin Area in San Bernardino County constitute a major source of water supply for lands and inhabitants in both San Bernardino Valley and Western, and the parties hereto have a mutual interest in the maintenance of water quality in these Basin Areas and in the preservation of such supply. If

the water quality in such Areas, as monitored by the City of Riverside wells along the river, falls below the Objectives set therefor by the Santa Ana River Basin Regional Water Quality Control Board, the Court shall have jurisdiction to modify the obligations of San Bernardino Valley to include, in addition to its obligation to maintain the average 1963 water level, reasonable provisions for the maintenance of such water quality.

(g) The primary objectives of Paragraph VIII and related provisions are to allow maximum flexibility to San Bernardino Valley in the operation of a coordinated replenishment and management program, both above and below Bunker Hill Dike; to protect San Bernardino Valley against increased extractions in the area between Bunker Hill Dike and Riverside Narrows, which without adequate provision for replenishment might adversely affect base flow at Riverside Narrows, for which it is responsible under the Orange County Judgment; and to protect the area as a major source of ground water supply available to satisfy the historic extractions therefrom for use within Western, without regard to the method of operation which may be adopted by San Bernardino Valley for the San Bernardino Basin Area, and without regard to the effect of such operation upon the historic supply to the area below Bunker Hill Dike.

If these provisions should prove either inequitable or unworkable, the Court upon the application of any party hereto shall retain jurisdiction to modify this Judgment so as to regulate the area between Bunker Hill Dike and Riverside Narrows on a safe yield basis; provided that under such method of operation, (1) base rights shall be determined on the basis of total average annual extractions for use within San Bernardino Valley and Western, respectively, for the five year period ending

with 1963; (2) such base rights for use in both Districts shall be subject to whatever adjustment may be required by the safe yield of the area, and in the aggregate shall not be exceeded unless replenishment therefor is provided; (3) in calculating safe yield, the outflow from the area at Riverside Narrows shall be determined insofar as practical by the base flow obligations imposed on San Bernardino Valley under the Orange County Judgment; and (4) San Bernardino Valley shall be required to provide replenishment for any deficiency between the actual outflow and the outflow obligation across Bunker Hill Dike as established by safe yield analysis using the base period of 1934 through 1960.

IX

EXTRACTIONS FROM THE PORTION OF RIVERSIDE BASIN AREA IN RIVERSIDE COUNTY WHICH IS TRIBUTARY TO RIVERSIDE NARROWS.

(a) The average annual extractions from the portion of the Riverside Basin Area in Riverside County which is tributary to Riverside Narrows, for use in Riverside County, for the five year period ending with 1963 are assumed to be 30,044 acre feet; the correct figures shall be determined by the Watermaster as herein provided.

(b) Over any five year period, there may be extracted from such Basin Area, without replenishment obligation, an amount equal to five times such annual average for the Basin Area; provided, however, that if extractions in any year exceed such average by more than 20 percent, Western shall provide replenishment in the following year equal to the excess extractions over such 20 percent peaking allowance.

(c) To the extent that extractions from such Basin Area exceed the amounts specified in the next preceding

Paragraph (b), Western shall provide replenishment. Except for any extractions in excess of the 20 percent peaking allowance, such replenishment shall be supplied in the year following any five year period, and shall be provided at or above Riverside Narrows.

(d) Western shall also provide such replenishment to offset any reduction in return flow now contributing to the base flow at Riverside Narrows, which reduction in return flow results from the conversion of agricultural uses of water within Western to domestic or other uses connected to sewage or waste disposal systems, the effluent from which is not tributary to the rising water at Riverside Narrows.

X

REPLENISHMENT TO OFFSET NEW EXPORTS OF WATER TO AREAS NOT TRIBUTARY TO RIVERSIDE NARROWS.

Certain average annual amounts of water extracted from the San Bernardino Basin Area and the area downstream therefrom to Riverside Narrows during the five year period ending in 1963 have been exported for use outside of the area tributary to Riverside Narrows and are assumed to be 50,667 acre feet annually as set forth in Table C-1 of Appendix "C"; the correct amount shall be determined by the Watermaster as herein provided. Western shall be obligated to provide replenishment at or above Riverside Narrows for any increase over such exports by Western or entities within it from such areas for use within areas not tributary to Riverside Narrows. San Bernardino Valley shall be obligated to provide replenishment for any increase over the exports from San Bernardino Valley for use in any area not within Western nor tributary to Riverside Narrows as set forth in Table C-2 of

Appendix "C", such amounts being subject to correction by the Watermaster, or for any exports from the San Bernardino Basin Area for use in the Yucaipa, San Timoteo, Oak Glen and Beaumont Basins.

XI

REPLENISHMENT CREDITS AND ADJUSTMENT FOR QUALITY

(a) All replenishment provided by Western under Paragraph IX and all credits received against such replenishment obligation shall be subject to the same adjustments for water quality applicable to base flow at Riverside Narrows, as set forth in the Orange County Judgment.

(b) Western shall receive credit against its replenishment obligations incurred under this Judgment for the following:

1. As against its replenishment obligation under Paragraph VIII, any return flow to the Colton Basin Area or the portion of the Riverside Basin Area within San Bernardino County, respectively, resulting from any excess extractions therefrom; and as against its replenishment obligation under Paragraph IX, any return flow to the portion of the Riverside Basin Area in Riverside County, which contributes to the base flow at Riverside Narrows, resulting from any excess extractions therefrom, or from the Riverside Basin Area in San Bernardino County, or from the Colton Basin Area.

2. Subject to adjustment under Paragraph (a) hereof, any increase over the present amounts of sewage effluent discharged from

treatment plants within Riverside County which are tributary to Riverside Narrows, and which results from the use of imported water.

3. Any replenishment which may be provided in excess of that required; any amounts which hereunder are allowed to be extracted from the Colton and Riverside Basin Areas without replenishment obligation by Western, and which in fact are not extracted; any storm flows conserved between Bunker Hill Dike and Riverside Narrows by works financed solely by Western, or entities within it, which would not otherwise contribute to base flow at Riverside Narrows; and any return flow from imported water used in Riverside County which contributes to base flow at Riverside Narrows; provided, however, that such use of the underground storage capacity in each of the above situations does not adversely affect San Bernardino Valley in the discharge of its obligations at Riverside Narrows under the Orange County Judgment, nor interfere with the accomplishment by San Bernardino Valley of the primary objectives of Paragraph VIII, as stated in Subdivision (g).

(c) The replenishment obligations of Western under this Judgment shall not apply during such times as amounts of base flow at Riverside Narrows and the amounts of water stored in the ground water resources below Bunker Hill Dike and tributary to the maintenance of such flow are found by Order of the Court to be sufficient to satisfy any obligation which San Bernardino Valley may have under this Judgment, or under the

Orange County Judgment, and if the Court further finds by Order that during such times any such increase in pumping, changes in use or exports would not adversely affect San Bernardino Valley in the future.

(d) The replenishment obligations of San Bernardino Valley under Paragraph X of this Judgment for increase in exports from the Colton and Riverside Basin Areas within San Bernardino Valley below the Bunker Hill Dike shall not apply during such times as the amounts of water in the ground water resources of such area are found by Order of the Court to be sufficient to satisfy the obligations which San Bernardino Valley may have to Plaintiffs under this Judgment, and if the Court further finds by Order that during such times any such increases in exports would not adversely affect Plaintiffs in the future.

XII

CONVEYANCE OF WATER BY SAN BERNARDINO VALLEY TO RIVERSIDE NARROWS.

If San Bernardino Valley determines that it will convey reclaimed sewage effluent, or other water, to or near Riverside Narrows, to meet its obligations under this or the Orange County Judgment, the City of Riverside shall make available to San Bernardino Valley for that purpose any unused capacity in the former Riverside Water Company canal, and the Washington and Monroe Street storm drains, without cost except for any alterations or capital improvements which may be required, or any additional maintenance and operation costs which may result. The use of those facilities shall be subject to the requirements of the Santa Ana River Basin Regional Water Quality Control Board and of the State Health Department, and compliance

therewith shall be San Bernardino Valley's responsibility.

XIII

WATERMASTER

(a) This Judgment and the instructions and subsequent orders of this Court shall be administered and enforced by a Watermaster. The parties hereto shall make such measurements and furnish such information as the Watermaster may reasonably require, and the Watermaster may verify such measurements and information and obtain additional measurements and information as the Watermaster may deem appropriate.

(b) The Watermaster shall consist of a committee of two persons. San Bernardino Valley and Western shall each have the right to nominate one of such persons. Each such nomination shall be made in writing, served upon the other parties to this Judgment, and filed in Court. Such person shall be appointed by and serve at the pleasure of and until further order of this Court. If either Western or San Bernardino Valley shall at any time nominate a substitute appointee in place of the last appointee to represent it, such appointee shall be appointed by the Court in place of such last appointee.

(c) Appendix "D" to this Judgment contains some of the data which have been used in preparation of this Judgment, and shall be utilized by the Watermaster in connection with any questions of interpretation.

(d) Each and every finding and determination of the Watermaster shall be made in writing certified to be by unanimous action of both members of the Watermaster committee. In the event of failure or inability of such Watermaster Committee to reach agreement, the Watermaster committee may determine to submit the dispute to a third person to be selected

by them, or if they are unable to agree on a selection, to be selected by the Court, in which case the decision of the third person shall be binding on the parties; otherwise the fact, issue, or determination in question shall forthwith be certified to this Court by the Watermaster, and after due notice to the parties and opportunity for hearing, said matter shall be determined by order of this Court, which may refer the matter for prior recommendation to the State Water Resources Control Board. Such order of the Court shall be a determination by the Watermaster within the meaning of this Judgment.

(e) The Watermaster shall report to the Court and to each party hereto in writing not more than seven (7) months after the end of each year, or within such other time as the Court may fix, on each determination made by it pursuant to this Judgment, and such other items as the parties may mutually request or the Watermaster may deem to be appropriate. All of the books and records of the Watermaster which are used in the preparation of, or are relevant to, such reported data, determinations and reports shall be open to inspection by the parties hereto. At the request of any party this Court will establish a procedure for the filing and hearing of objections to the Watermaster's report.

(f) The fees, compensation and expenses of each person on the Watermaster shall be borne by the District which nominated such person. All other Watermaster service costs and expenses shall be borne by San Bernardino Valley and Western equally.

(g) The Watermaster shall initially compute and report to the Court the natural safe yield of the San Bernardino Basin Area, said computation to be based upon the cultural

conditions equivalent to those existing during the five calendar year period ending with 1963.

(h) The Watermaster shall as soon as practical determine the correct figures for Paragraphs V(b), VI(b)1, VIII(a), IX(a) and X, as the basis for an appropriate supplemental order of this Court.

XIV

CONTINUING JURISDICTION OF THE COURT

(a) The Court hereby reserves continuing jurisdiction of the subject matter and parties to this Judgment, and upon application of any party, or upon its own motion, may review and redetermine, among other things, the following matters and any matters incident thereto:

1. The hydrologic condition of any one or all of the separate basins described in this Judgment in order to determine from time to time the safe yield of the San Bernardino Basin Area.

2. The desirability of appointing a different Watermaster or a permanent neutral member of the Watermaster, or of changing or more clearly defining the duties of the Watermaster.

3. The desirability of providing for increases or decreases in the extraction of any particular party because of emergency requirements or in order that such party may secure its proportionate share of its rights as determined herein.

4. The adjusted rights of the Plaintiffs as required to comply with the provisions hereof with respect to changes in the natural safe yield of the San Bernardino Basin

Area. If such changes occur, the Court shall adjudge that the adjusted rights and replenishment obligations of each party shall be changed proportionately to the respective base rights.

5. Conforming the obligations of San Bernardino Valley under this Judgment to the terms of any new judgment hereafter entered adjudicating the water rights within San Bernardino Valley, if inconsistencies of the two judgments impose hardship on San Bernardino Valley.

6. Adjusting the figures in Paragraphs V(b), VI(b) 1, VIII(a) IX(a), and X, to conform to determination by the Watermaster.

7. Credit allowed for return flow in the San Bernardino Basin Area if water levels therein drop to the point of causing undue hardship upon any party.

8. Other matters not herein specifically set forth which might occur in the future and which would be of benefit to the parties in the utilization of the surface and ground water supply described in this Judgment, and not inconsistent with the respective rights of the parties as herein established and determined.

(b) Any party may apply to the Court under its continuing jurisdiction for any appropriate modification of this Judgment if its presently available sources of imported water are exhausted and it is unable to obtain additional supplies of imported water at a reasonable cost, or if there is any substantial delay in the delivery of imported water through the State Water Project.

XV

SAVING CLAUSES

(a) Nothing in this Judgment precludes San Bernardino Valley, Western, or any other party from exercising such rights as it may have or obtain under law to spread, store underground and recapture imported water, provided that any such use of the underground storage capacity of the San Bernardino Basin Area by Western or any entity within it shall not interfere with any replenishment program of the Basin Area.

(b) Changes in the place and kind of water use, and in the transfer of rights to the use of water, may be made in the absence of injury to others or prejudice to the obligations of either San Bernardino Valley or Western under Judgment or the Orange County Judgment.

(c) If any Plaintiff shall desire to transfer all or any of its water rights to extract water within San Bernardino Valley to a person, firm, or corporation, public or private, who or which is not then bound by this Judgment, such Plaintiff shall as a condition to being discharged as hereinafter provided cause such transferee to appear in this action and file a valid and effective express assumption of the obligations imposed upon such Plaintiff under this Judgment as to such transferred water rights. Such appearance and assumption of obligation shall include the filing of a designation of the address to which shall be mailed all notices, requests, objections, reports and other papers permitted or required by the terms of this Judgment.

If any Plaintiff shall have transferred all of its said water rights and each transferee not theretofore bound by this Judgment as a Plaintiff shall have appeared in this action

and filed a valid and effective express assumption of the obligations imposed upon such Plaintiff under this Judgment as to such transferred water rights, such transferring Plaintiff shall thereupon be discharged from all obligations hereunder. If any Plaintiff shall cease to own any rights in and to the wate supply declared herein and shall have caused the appearance and assumption provided for in the third preceding sentence with respect to each voluntary transfer, then upon application to this Court and after notice and hearing such Plaintiff shall thereupon be relieved and discharged from all further obligations hereunder. Any such discharge of any Plaintiff hereunder shall not impair the aggregate rights of defendant San Bernardino Valley or the responsibility hereunder of the remaining Plaintiffs or any of the successors.

(d) Non-use of any right to take water as provided herein shall not result in any loss of the right. San Bernardino Valley does not guarantee any of the rights set out herein for Western and the other Plaintiffs as against the claims of third parties not bound hereby. If Western or the other Plaintiffs herein should be prevented by acts of third parties within San Bernardino County from extracting the amounts of water allowed them by this Judgment, they shall have the right to apply to this Court for any appropriate relief, including vacation of this Judgment, in which latter case all parties shall be restored to their status prior to this Judgment insofar as possible.

(e) Any replenishment obligation imposed hereunder on San Bernardino Valley may be deferred until imported water first is available to San Bernardino Valley under its contract with the California Department of Water Resources and the

obligation so accumulated may be discharged in five approximately equal annual installments thereafter.

(f) No agreement has been reached concerning the method by which the cost of providing replenishment will be financed, and no provision of this Judgment, nor its failure to contain any provision, shall be construed to reflect any agreement relating to the taxation or assessment of extractions.

XVI

EFFECTIVE DATE

The provisions of Paragraphs III and V to XII of this Judgment shall be in effect from and after January 1, 1971; the remaining provisions are in effect immediately.

XVII

COSTS

No party shall recover its costs herein as against any other party.

THE CLERK WILL ENTER THIS JUDGMENT FORTHWITH.

DATED: April 17, 1969

ENTERED

APR 17 1969

JUDGE OF THE SUPERIOR COURT

JUDGMENT BOOK 124 PG 42

APPENDIX B
TABLE B-1

EXTRACTIONS BY PLAINTIFFS FROM THE SAN BERNARDINO BASIN AREA FOR AVERAGE OF 5-YEAR PERIOD ENDING WITH 1963

(All Values in Acre Feet)
Classified According to Service Area

Plaintiff	Total Extractions in San Bernardino Basin Area	Delivery to San Bernardino Basin Area	Delivery to Colton Basin Area & Riverside Basin Area in San Bernardino County	Delivery to Areas Outside San Bernardino Valley
City of Riverside — (including those rights acquired as successor to the Riverside Water Company and The Gage Canal Company)	53,448	1462	1260	50,726
Riverside High-Land Water Company	4,399	0	2509	1,890
Agua Mansa Water Company, and Meeks & Daley Water Company	8,026	0	326	7,700
The Regents of the University of California	581	0	0	581
Total	66,454	1,462	4,095	60,897

APPENDIX B
TABLE B-2

PLAINTIFFS' PERCENTAGES OF BASE RIGHT TO TOTAL PRODUCTION FROM SAN BERNARDINO VALLEY BASIN AREA,
231,861 Acre Feet Annually,
For 5-Year Average Ending With 1963
Classified According to Service Area

Plaintiff	Delivery to San Bernardino Basin Area	Delivery to Colton Basin Area & Riverside Basin Area in San Bernardino County	Delivery to Areas Outside San Bernardino Valley
City of Riverside (including those rights acquired as successor to the Riverside Water Company and The Gage Canal Company)	.630	.543	21.878
Riverside Highland Water Company		1.082	0.815
Aqua Mansa Water Company, and Meeks & Daley Water Company		.141	3.321
The Regents of the University of California			0.250
Total	.630	1.766	26.264

APPENDIX C
TABLE C-1

EXTRACTIONS FOR USE WITHIN WESTERN
FROM
THE SAN BERNARDINO BASIN AREA, COLTON BASIN AREA,
AND THE RIVERSIDE BASIN AREA
FOR USE ON LANDS THAT ARE NOT TRIBUTARY
TO THE RIVERSIDE NARROWS FOR
AVERAGE OF FIVE-YEAR PERIOD ENDING IN 1963

Extractor	Five-Year Average Ac. Ft.
City of Riverside, including Irrigation Division water extracted by Gage Canal Co. and former Riverside Water Co.	30,657
Meeks & Daley Water Co., Agua Mansa Water Co., and Temescal Water Co., including water received from City of Riverside	13,731
Extractions delivered by West Riverside Canal received from Twin Buttes Water Co., La Sierra Water Co., Agua Mansa Water Co., Salazar Water Co., West Riverside 350" Water Co., and Jurupa Water Co.	5,712
Rubidoux Community Services District	531
Jurupa Hills Water Co.	36
TOTAL	50,667

APPENDIX D
TABLE D-1

EXTRACTIONS FROM SAN BERNARDINO BASIN AREA
FOR THE AVERAGE OF FIVE-YEAR PERIOD ENDING WITH 1963
FOR USE WITHIN SAN BERNARDINO COUNTY

(ALL VALUES IN ACRE FEET)

Basin	Five Year Avg. 1959-63
Beaumont	10,064
Big Bear	1,171
Borea Canyon	91
Bunker Hill	181,600
City Creek	337
Cook Canyon	197
Devil Canyon	3,326
Devil Creek	42
Lower Cajon	2,090
Little San Creek	15
Lytle	29,364
Mill Creek	11,084
Oak Glen	935
Plunge Creek	1,265
Santa Ana	1,790
Strawberry Creek	291
San Timoteo	2,272
Waterman Canyon	367
Yucaipa	13,837
Upper Basin Total	260,139
Less: Beaumont	
Oak Glen	
San Timoteo	27,107
Yucaipa	
Subtotal	233,032
Less Big Bear	1,171
Subtotal	231,861
Less extractions for use outside San Bernardino County	60,897
Extractions from San Bernardino for use in San Bernardino County	170,964

APPENDIX D
TABLE D-2

EXTRACTIONS FROM
COLTON BASIN AREA FOR AVERAGE OF
FIVE-YEAR PERIOD ENDING WITH 1963
BY SAN BERNARDINO AND RIVERSIDE COUNTY ENTITIES
FOR USE WITHIN EACH COUNTY

(VALUES IN ACRE FEET)

Extractor	Place of Use		Total
	San Bernardino Co.	Riverside Co.	
San Bernardino County Entities	8,480	0	8,480
Riverside County Entities	147	3,349	3,496
TOTAL EXTRACTIONS	8,627	3,349	11,976

APPENDIX D
TABLE D-3

EXTRACTIONS FROM
RIVERSIDE BASIN AREA IN SAN BERNARDINO COUNTY
FOR AVERAGE FIVE-YEAR PERIOD ENDING WITH 1963
BY SAN BERNARDINO AND RIVERSIDE COUNTY ENTITIES
FOR USE WITHIN EACH COUNTY

(VALUES IN ACRE FEET)

Extractor	Place of Use		Total
	San Bernardino Co.	Riverside Co.	
San Bernardino County Entities	9,582	0	9,582
Riverside County Entities	3,929	20,191	24,120
TOTAL EXTRACTIONS	13,511	20,191	33,702

APPENDIX D
TABLE D-4

EXTRACTIONS FROM
SAN BERNARDINO BASIN AREA, COLTON BASIN AREA
AND RIVERSIDE BASIN AREA USED WITHIN
RIVERSIDE COUNTY FOR THE AVERAGE
FIVE-YEAR PERIOD ENDING WITH 1963

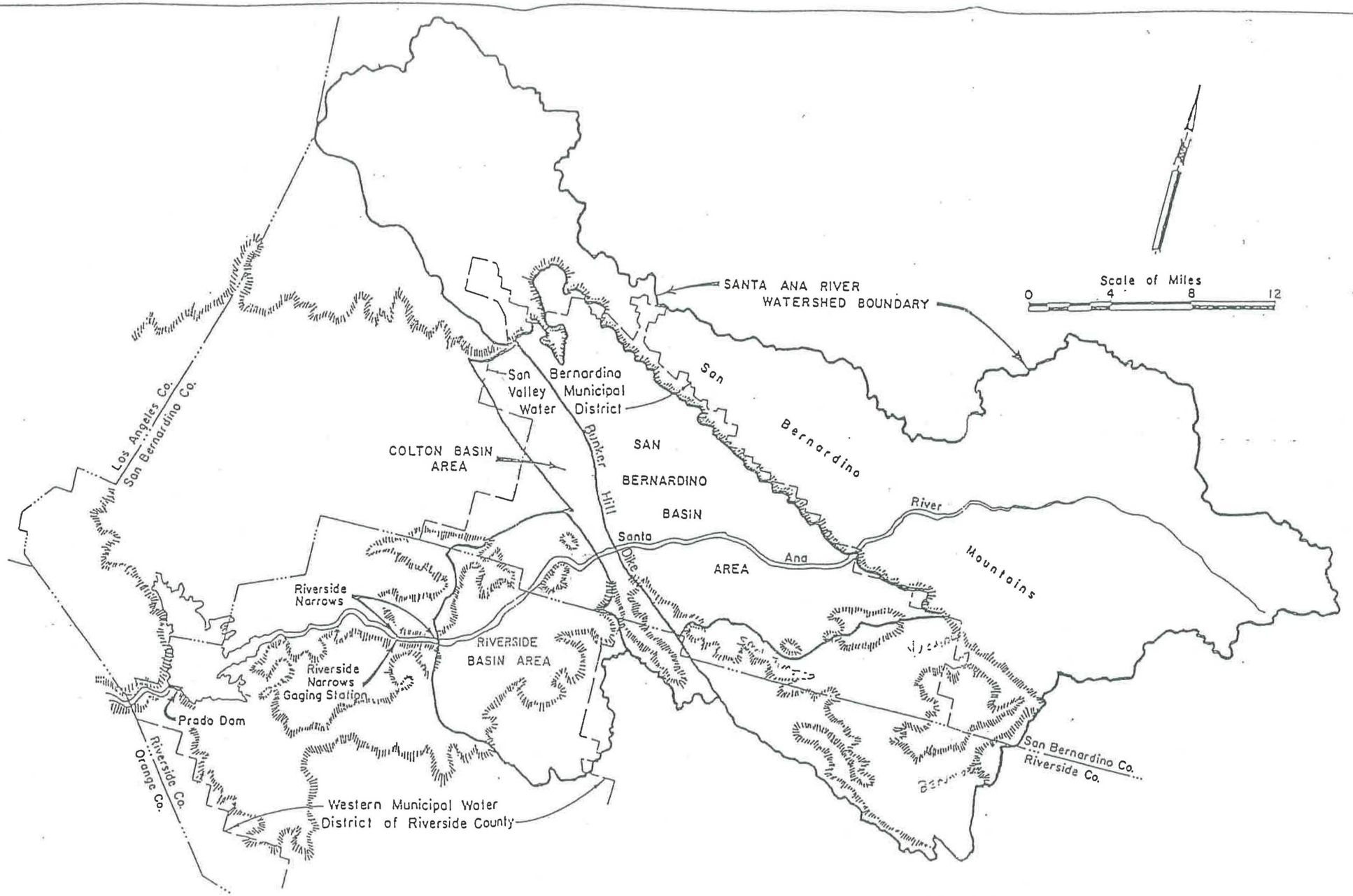
(ALL VALUES IN ACRE FEET)

Basin	Five-Year Average
San Bernardino Basin Area	60,897
Colton Basin Area	3,349
Riverside Basin Area in San Bernardino County	20,191
Riverside Basin Area in Riverside County	30,044
TOTAL	114,481

APPENDIX D
TABLE D-5

IRRIGATED ACREAGE IN RIVERSIDE BASIN AREA IN RIVERSIDE COUNTY PRESENTLY TRIBUTARY TO RIVERSIDE NARROWS WHICH UPON CONVERSION TO URBAN USES REQUIRING SEWAGE DISPOSAL THROUGH THE RIVERSIDE TREATMENT PLANT WILL BE DISCHARGED TO THE RIVER BELOW RIVERSIDE NARROWS

Entity Serving Acreage	Acres
Gage Canal	1,752
Alta Mesa Water Co.	65
East Riverside Water Co.	926
Riverside Highland Water Company	1,173
TOTAL	3,916



MAP SHOWING

SAN BERNARDINO BASIN AREA, COLTON BASIN AREA, AND RIVERSIDE BASIN AREA SITUATED WITHIN SAN BERNARDINO COUNTY; RIVERSIDE BASIN AREA WITHIN RIVERSIDE COUNTY; BUNKER HILL DIKE; RIVERSIDE NARROWS; AND BOUNDARIES OF SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT & WESTERN MUNICIPAL WATER DISTRICT OF RIVERSIDE COUNTY.

APPENDIX G

VERIFIED 2020 EXTRACTIONS
FOR
RIVERSIDE SOUTH GROUNDWATER BASIN

WESTERN - SAN BERNARDINO WATERMASTER
TABLE 3A
VERIFIED EXTRACTION, SUMMARY - FILED AND NON-FILED
RIVERSIDE BASIN AREA WITHIN RIVERSIDE COUNTY

	BASE YEARS						CALENDAR YEAR EXTRACTIONS					
OWNER	1959	1960	1961	1962	1963	AVG	2016	2017	2018	2019	2020	AVG
AGUA MANSA PROPERTIES, INC	121	151	134	0	0	81	-	-	-	-	-	0
ALAMO WATER COMPANY	79	100	132	163	149	125	23	20	20	22	22	21
AMERICAN TEXTILE MAINTENANCE	30	34	38	35	31	34	1	1	1	1	1	1
BANK OF AMERICA N.T.&S.A.	90	90	90	90	94	91	-	-	-	-	-	0
BOX SPRINGS MUTUAL WATER COMPANY	526	503	547	497	470	509	262	265	259	120	218	225
BURNS F L AND LAURA	0	0	0	0	0	0	-	-	-	-	-	0
CALIF BAPTIST UNIVERSITY	-	-	-	-	-	0	0	0	0	0	0	0
CANYON CREST COUNTRY CLUB	-	-	-	-	-	0	50	50	50	0	0	30
CARPENTER COMPANY	118	247	420	300	300	277	-	-	-	-	-	0
CITIZENS NATIONAL COMPANY	0	33	33	33	33	26	-	-	-	-	-	0
CRESTMORE HEIGHTS MUTUAL WATER COMPANY	67	63	65	61	58	63	-	-	-	-	-	0
EASTERN MUNICIPAL WATER DISTRICT	3	1	0	0	0	1	-	-	-	-	-	0
FLABOB AIRPORT, LLC	5	5	5	5	5	5	0	0	0	0	0	0
GROSS, DALE P	0	0	0	0	0	0	-	-	-	-	-	0
GRUBBS, V W	45	40	51	38	39	43	-	-	-	-	-	0
HEYMING, FRANK & LUCY	-	-	-	-	-	0	13	0	5	2	2	4
HIGH GROVE VILLAGE	-	-	-	-	-	0	-	-	-	-	-	0
HUNTER ENGINEERING COMPANY	0	0	0	31	188	44	-	-	-	-	-	0
JOHNSON, TRUMAN	274	218	252	191	254	238	-	-	-	-	-	0
JURUPA COMMUNITY SERVICES DISTRICT	1,003	1,068	1,056	1,146	1,414	1,137	473	503	516	492	491	495
LA CASA CONTENTA MOTEL	0	0	0	0	0	0	-	-	-	-	-	0
MADISON, ERIN	1,167	1,485	1,196	991	1,443	1,256	-	-	-	-	-	0
MARTIN, KENNETH ALLAN	0	0	0	0	0	0	-	-	-	-	-	0
MASTERCRAFT HOMES	987	987	987	987	987	987	-	-	-	-	-	0
MICHAEL, C.	354	354	354	354	354	354	-	-	-	-	-	0
MIPO CORP, DBA MISSION	73	73	73	73	73	73	-	-	-	-	-	0
PEDLEY LAND COMPANY LLC	-	-	-	-	-	0	468	485	450	464	464	466
PROPERTY ACQUISITION COMPANY	140	136	143	139	141	140	-	-	-	-	-	0
RIVERSIDE CEMENT COMPANY	1,067	1,080	2,702	2,434	2,205	1,898	30	30	1	1	1	13
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	-	-	-	-	-	0	0	0	0	0	0	0
RIVERSIDE COUNTY PARKS DEPARTMENT	2,240	2,240	2,240	2,240	2,240	2,240	254	254	0	254	0	152
RIVERSIDE HIGHLAND WATER CO	0	0	0	1,393	1,381	555	81	124	158	204	247	163
RIVERSIDE INDUSTRIAL PARK	315	315	224	209	174	247	-	-	-	-	-	0
RIVERSIDE THOROUGHBRED FARM	-	-	-	-	90	18	-	-	-	-	-	0
RIVERSIDE UNIFIED SCHOOL DISTRICT	-	-	-	-	-	0	18	19	29	19	25	22
RIVERSIDE, CITY OF	12,916	16,177	16,741	13,552	11,543	14,186	11,881	12,915	15,531	16,241	17,302	14,774
RIVERSIDE, CITY OF-GAGE CANAL	3,057	2,987	3,236	2,017	2,171	2,694	3,899	4,167	3,988	3,629	3,175	3,772
RIVINO WATER COMPANY	297	211	187	477	372	309	-	-	-	-	-	0
ROCKY R RANCH	45	24	6	6	5	17	-	-	-	-	-	0
ROOS CHARLES E	0	200	0	0	0	40	-	-	-	-	-	0
ROSS SAM	0	0	0	0	0	0	-	-	-	-	-	0
RUBIDOUX C.S.D.	1,006	1,112	1,389	1,179	1,219	1,181	7,329	7,636	5,256	4,717	5,186	6,025
SCHWAB A M	110	88	42	11	12	53	-	-	-	-	-	0
SCOPE CORPORATION	116	90	135	199	100	128	-	-	-	-	-	0
STOKER GEORGE	158	165	159	165	134	156	-	-	-	-	-	0

WESTERN - SAN BERNARDINO WATERMASTER
TABLE 3A
VERIFIED EXTRACTION, SUMMARY - FILED AND NON-FILED
RIVERSIDE BASIN AREA WITHIN RIVERSIDE COUNTY

	BASE YEARS						CALENDAR YEAR EXTRACTIONS					
OWNER	1959	1960	1961	1962	1963	AVG	2016	2017	2018	2019	2020	AVG
TAYLOR WALTER & BARBARA	0	0	0	30	15	9	-	-	-	-	-	0
UNIVERSAL FOREST PRODUCTS	-	-	-	-	-	0	0	0	0	0	0	0
UNIVERSITY OF CALIFORNIA, REGENTS OF	131	283	370	94	227	221	0	0	0	0	0	0
VICTORIA COUNTRY CLUB	0	0	0	0	0	0	392	355	345	345	326	353
VON KANEL ALFRED	83	87	94	94	78	87	-	-	-	-	-	0
WATERMAN ALLEN H	25	33	16	0	0	15	-	-	-	-	-	0
WHITE SULPHUR SPRINGS POOL	49	53	54	44	40	48	-	-	-	-	-	0
WIGHT MRS CHARLES H	76	0	0	0	0	15	-	-	-	-	-	0
ZINKE VERA	53	37	47	20	18	35	-	-	-	-	-	0
TOTALS FOR 155 WELLS	26,826	30,770	33,218	29,298	28,057	29,634	25,174	26,824	26,609	26,511	27,460	26,516

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