



Albuquerque Bernalillo County Water Utility Authority

Albuquerque/Bernalillo
County
Government Center
One Civic Plaza
Albuquerque, NM 87102

Agenda

Councilor Trudy E. Jones, Chair
Commissioner Debbie O'Malley, Vice-Chair
Mayor Timothy M. Keller
Commissioner Maggie Hart Stebbins
Councilor Klarissa J. Peña
Commissioner Steven Michael Quezada
Councilor Ken Sanchez
Trustee Pablo Rael

Wednesday, January 30, 2019

5:00 PM

Vincent E. Griego Chambers

1. **CALL TO ORDER**
2. **INVOCATION/PLEDGE OF ALLEGIANCE**
3. **APPROVAL OF MINUTES - December 4, 2018**
4. **PROCLAMATIONS AND AWARDS**
 - A. **Quarterly Employee Incentive Awards**
5. **PUBLIC COMMENT**
6. **ANNOUNCEMENTS/COMMUNICATIONS**
 - A. **Next Scheduled Meeting – February 27, 2019 at 5:00 PM**
7. **INTRODUCTION (FIRST READING) OF LEGISLATION**
 - A. [R-19-1](#) Amendment to the Approved Operating Budget of the Albuquerque Bernalillo County Water Utility Authority for the Fiscal Year Ending June 30, 2019
8. **CONSENT AGENDA**

(Any Board Member may request that a Consent Agenda item be placed under Approvals)

 - A. [R-19-2](#) Setting an Official List of the Albuquerque Bernalillo County Water Utility Authority Meetings for Calendar Year 2019
 - B. [R-19-3](#) Determining Reasonable Notice of Public Meetings of the Albuquerque Bernalillo County Water Utility Authority

- C. [C-19-1](#) Reappointment to the Technical Customer Advisory Committee
- D. [C-19-2](#) Approval of Contract with Aon Risk Services Southwest, Inc. for Insurance Broker Services
- E. [C-19-3](#) Approving Service Connection Agreement for Water and Sewer Service with Coronado Park, LTD. at 8401 Pan American FWY NE

9. APPROVALS

- A. [R-18-26](#) Amending Funds for the Capital Implementation Program of the Albuquerque Bernalillo County Water Utility Authority for the Fiscal Year 2019
- B. [C-19-4](#) Comprehensive Annual Financial Report for the Fiscal Years Ended June 30, 2018 and 2017
- C. [C-19-5](#) FY2019 Second Quarter Performance Indicator Report

10. OTHER BUSINESS

- A. [OB-19-1](#) Election of Officers
- B. [OB-19-2](#) Rio Grande Water Fund Presentation
- C. [OB-19-3](#) Solar Energy Update

11. ADJOURNMENT

Visit Our Website at www.abcwua.org

NOTICE TO PERSONS WITH DISABILITIES: If you have a disability and require special assistance to participate in this meeting, please contact the Authority Office as soon as possible before the meeting date at 289-3100 or by the TTY at 1-800-659-8331.



Meeting Date: January 30, 2019
Staff Contact: Stan Allred, Chief Financial Officer

TITLE: R-19-1 - Amendment to the Approved Operating Budget of the Albuquerque Bernalillo County Water Utility Authority for the Fiscal Year Ending June 30, 2019

ACTION: Introduction January 30, 2019; Final Action February 27, 2019

SUMMARY:

This legislation provides information to support a request to the Board to approve an amendment to the FY19 Operating Budget.

FISCAL IMPACT:

This action requests Board approval of the proposed amendment to the FY19 Operating Budget for the increase in operating and maintenance costs for the San Juan-Chama project billed by the U.S. Bureau of Reclamation and recognition of interest payment for the 2018 revenue bonds.

The amendment reallocates excess fund balance, which is a 0.03 percent impact to the FY19 beginning fund balance in the operating fund.

The various increases and decreases include the following:

- Increase of \$500,000 for the increased operating and maintenance expense to the U.S. Department of the Interior per the contract agreement (UC-447/ALB-621 WTR-4.00) which provides for significant rehabilitation and repair work for the San Juan-Chama project. The Bureau manages the infrastructure that conveys the Water Authority's and other contractors' allotment of the San Juan – Chama water. Each year, for several years in the past, the Bureau increases O&M costs at variable rates with different justifications. In FY19, additional funding has been requested by the Bureau to repair critical conveyance infrastructure and replacement of heavy equipment.
- Increase of \$636,000 for the transfer of funds from Fund 21 to Fund 31 designated for payment of interest expense for the Series 2018 Revenue Bonds issued on October 16, 2018.

Staff recommends approval of the proposed FY19 Operating Budget amendment which increases the current year operating budget.

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

BILL NO. R-19-1

1 **RESOLUTION**
2 **AMENDMENT TO THE APPROVED OPERATING BUDGET OF THE ALBUQUERQUE**
3 **BERNALILLO COUNTY WATER UTILITY AUTHORITY FOR THE FISCAL YEAR**
4 **ENDING JUNE 30, 2019**

5 WHEREAS, the Operating Budget is governed by the requirements established
6 under Section 2-1-8, 2006, which provides for amendments to the approved program;
7 and

8 WHEREAS, appropriations for the Fiscal Year ending June 30, 2019 that were
9 previously approved under R-18-12 require an amendment due to a change operating
10 and maintenance costs for the San Juan-Chama project billed by the U.S. Bureau of
11 Reclamation and recognition of interest payment for the 2018 revenue bonds.

12 THEREFORE, BE IT RESOLVED BY THE WATER AUTHORITY:

13 Section 1. That funds in the amount of Five Hundred Thousand Dollars
14 (\$500,000) are hereby increased in the General Fund 21 for the increased expense to the
15 U.S. Bureau of Reclamation.

16 Section 2. That funds in the amount of Six Hundred Thirty-Six Thousand Dollars
17 (\$636,000) are hereby transferred from General Fund 21 to the Debt Service Fund 31 for
18 the increase of interest expense.

[+Bracketed Material+] - New
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Meeting Date: January 30, 2019
Staff Contact: Mark S. Sanchez, Executive Director

TITLE: R-19-2 – Setting an Official List of Albuquerque Bernalillo County Water Utility Authority Meetings for Calendar Year 2019

ACTION: Recommend Approval

SUMMARY:

The Albuquerque Bernalillo County Water Utility Authority (Water Authority) Rules of Practice and Procedure require that in January of each year the Water Authority adopt a schedule of meetings. This resolution would establish the third Wednesday of each month, except for conflicts with City Council meetings, as the regular meeting date of the Water Authority. It also provides the notice requirements of the meetings as well. The schedule of meetings would provide a monthly meeting with the exception of July.

FISCAL IMPACT:

None

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

BILL NO. R-19-2

1 **RESOLUTION**
2 **SETTING AN OFFICIAL LIST OF ALBUQUERQUE BERNALILLO COUNTY WATER**
3 **UTILITY AUTHORITY MEETINGS FOR CALENDAR YEAR 2019**

4 WHEREAS, the Albuquerque Bernalillo County Water Utility Authority (Water
5 Authority) Rules of Practice and Procedure in Article I, Section 1 require that the Water
6 Authority pass a resolution determining the schedule and reasonable public notice of
7 meetings.

8 BE IT RESOLVED BY THE WATER AUTHORITY:

9 Section 1. That the official list of regular Water Authority meeting dates for
10 calendar year 2019 are as follows: January 30, February 27, March 20, April 17, May
11 22, June 19, August 21, September 18, October 23, November 20, December 18 and
12 January 15, 2020.

13 Section 2. That notice for regular meetings shall continue to be five days in
14 advance of Water Authority meetings and 72 hours for special meetings and emergency
15 meetings shall provide 24 hour notice unless the threat of personal injury or property
16 damage requires less notice or as is permitted by the nature of the emergency and in
17 compliance with the State of New Mexico Open Meetings Act.

[+Bracketed Material+] - New
[-Bracketed Material-] - Deletion

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Meeting Date: January 30, 2019
Staff Contact: Mark S. Sanchez, Executive Director

TITLE: R-19-3 – Determining Reasonable Notice of Public Meeting of the Albuquerque Bernalillo County Water Utility Authority

ACTION: Recommend Approval

SUMMARY:

This Resolution fulfills the requirements of Section 10-15-1 (D) of the Open Meetings Act, which states that an affected public body shall determine at least annually in a public meeting what notice for a public meeting is reasonable when applied to that body.

The Water Authority notice requirements exceed state law.

FISCAL IMPACT:

None

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

BILL NO. R-19-3

1 **RESOLUTION**

2 **DETERMINING REASONABLE NOTICE OF PUBLIC MEETINGS OF THE**
3 **ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY**

4 WHEREAS, Section 10-15-1(B) of the Open Meetings Act (NMSA 1978,
5 Sections 10-15-1 to 4) states that, except as otherwise provided in the constitution of
6 New Mexico or the Open Meetings Act, all meetings of a quorum of members of any
7 board, commission, administrative adjudicatory body or other policy making body of
8 any state or local agency held for the purpose of formulating public policy,
9 discussing public business or for the purpose of taking any action within the authority
10 of or the delegated authority of such body, are declared to be public meetings open
11 to the public at all times; and

12 WHEREAS, any meetings subject to the Open Meetings Act at which the
13 discussion or adoption of any proposed ordinance, resolution, rule, regulation or
14 formal action occurs shall be held only after reasonable notice to the public; and

15 WHEREAS, Section 10-15-1(D) of the Open Meetings Act requires the
16 Albuquerque Bernalillo County Water Utility Authority (Water Authority) to determine
17 at least annually what constitutes reasonable notice of its public meetings.

18 **BE IT RESOLVED BY THE WATER AUTHORITY:**

19 Section 1. Meetings of the Water Authority shall normally be held at the Vincent
20 E. Griego Chambers, lower level of the Albuquerque/Bernalillo County Government
21 Center at One Civic Plaza, near the intersection of Fifth Street and Marquette
22 Avenue, NW, Albuquerque, New Mexico.

23 Section 2. Meetings will be held each month on the dates specified by Water
24 Authority resolution. Generally, Water Authority meetings are regularly held at 5
25 p.m. on the third Wednesday of each month. Reasonable notice for regular
26 meetings shall be five (5) days prior to the meeting and the agenda shall be
27 available 72 hours prior to the meeting where practicable or as required by law, but

1 shall be available at least twenty-four (24) hours prior to the meeting at the office of
2 the Albuquerque Bernalillo County Water Utility Authority located on the fifth floor,
3 Room 5012, Albuquerque/Bernalillo County Government Center.

4 Section 3. Special meetings may be called by the Chair of the Water Authority
5 upon seventy-two (72) hours' notice. The notice shall include information on how
6 members of the public may obtain a copy of the agenda. The agenda shall be
7 available to the public at least twenty-four (24) hours before any special meeting.

8 Section 4. Emergency meetings will be called only under circumstances when
9 an unexpected occurrence or condition, or the state resulting therefrom requires
10 immediate consideration or action to protect the health, safety and property of
11 citizens or to protect the public body from substantial financial loss. The Water
12 Authority will avoid emergency meetings whenever possible. Emergency meetings
13 may be called by the Chair of the Water Authority upon twenty-four (24) hours
14 notice, unless the threat of personal injury or property damage requires less notice.
15 The notice for all emergency meetings shall include an agenda for the meeting or
16 information on how the public may obtain a copy of the agenda.

17 Section 5. For the purpose of meetings described in Section 2 of this
18 resolution, notice requirements are met if notice of the date, time and place of the
19 meeting is placed in one or more newspapers of general circulation in Albuquerque,
20 published on the Water Authority website at www.abcwua.org at least five (5) days
21 prior to the meeting and/or posted in the lobby of the Albuquerque/Bernalillo County
22 Government Center.

23 Section 6. For the purpose of special meetings and emergency meetings
24 described in Sections 3 and 4 of this resolution, notice requirements shall be met by
25 posting notice of the meeting date, time, place and agenda in the lobby of the
26 Albuquerque/Bernalillo County Government Center. The Executive Director of the
27 Water Authority shall also provide telephone notice to those broadcast stations
28 licensed by the Federal Communications Commission and newspapers of general
29 circulation in Albuquerque that have made a written request for notice of public
30 meetings.

31 Section 7. In addition to the information specified above, all notices shall
32 include the following language:

1 "NOTICE TO PERSONS WITH DISABILITIES: If you have a disability and require
2 special assistance to participate in this meeting, please contact the Water Authority
3 Office, Suite 5012, Albuquerque/Bernalillo County Government Center, phone 289-
4 3100 or by the TTY 1-800-659-8331, as soon as possible prior to the meeting date.
5 Public documents, including the agendas and minutes, can be provided in various
6 accessible formats. Please contact the Executive Director of the Water Authority at
7 the Water Authority Office if a summary or other type of accessible format is
8 needed."

9 Section 8. Cancellations and different meeting times and places may be
10 announced at prior meetings of the Water Authority.

11 Section 9. Minutes or a transcription shall be made of all open meetings with
12 at least the following minimal information:

- 13 A. Date, time, and place of meeting;
- 14 B. Names of members present;
- 15 C. A general statement of each discussion topic and of how each
16 member voted on any motion before the Water Authority. A draft copy of the
17 minutes shall be available within three (3) working days prior to the next meeting.
18 Minutes become official when approved by the Water Authority at a subsequent
19 meeting.

20 Section 10. Closed meetings shall not be held except as provided in Open
21 Meetings Act.

22 Section 11. All or any part of this resolution may be amended or modified by
23 the Board from time to time.

24 Section 12. All ordinances, resolutions, rules or parts thereof, inconsistent
25 herewith, are hereby repealed to the extent only of such inconsistency. This
26 repealer shall not be construed to revive any ordinance, resolution, rule or part
27 thereof heretofore repealed.

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Meeting Date: January 30, 2019
Staff Contact: Frank Roth, Senior Policy Manager

TITLE: C-19-1 - Reappointment to the Technical Customer Advisory Committee

ACTION: Recommend Approval

SUMMARY:

The Technical Customer Advisory Committee (TCAC) was established in 2006 to assist in and facilitate public review and discussion of Water Authority policies, plans and programs. The TCAC was established to provide a professional/ technical group of volunteer individuals who represent the five core functional areas of operating a water and wastewater utility. This group is intended to provide outside expertise in best practices and private sector applications for continuous business improvement.

Andrew Bernard has completed his first term and is eligible to be reappointed to a second two-year term. Staff recommends that Mr. Bernard continue to serve on the TCAC. Below is a summary of his professional and academic background.

Andrew Bernard

Andrew Bernard is a landscape architect at Sites Southwest LLC. He has a Masters degree in Landscape Architecture from the University of New Mexico and a Bachelors degree in Environmental Studies from Virginia Commonwealth University. Prior to his career in landscape architecture, he spent 10 years in the field of hydrology with the U.S. Geological Survey. His passion for water conservation, innovative green infrastructure, place-making and environmentally sensitive design has influenced his path to landscape architecture. He feels that it is a critical field in resolving many of our most pressing environmental and social issues. He has always maintained an interest in water infrastructures and management practices in arid regions worldwide. He has also traveled abroad to other arid cities to research the practices they observe around water conservation and infrastructure development in hopes of better understanding their values around water. He has received numerous honors and awards in his field of work and is involved in community service and public engagement.

CURRENT MEMBERS:

Member	Category	Term Expiration
Ege Richardson	Water System Engineering	6/2019
Michael Hightower	Water Resource Planning	6/2019
Dave Hill	Financial/Business Management	4/2020
Scott Verhines	Water System Engineering	4/2020
Janie Chermak	Resource Economics	12/2020
Andrew Bernard	Landscape Architecture	1/2021
Melissa Armijo	Customer Service / Stakeholder Engagement	5/2019
Amy Miller	Non-profit Water Management Advocacy/Education	8/2019
Ron Schwarzwald	Water System Operations	6/2020

FISCAL IMPACT:

None

Meeting Date: January 30, 2019
Staff Contact: Karen Cunningham, Risk Program Manager

TITLE: C-19-2 - Approval of Contract with Aon Risk Services Southwest, Inc. for Insurance Broker Services

ACTION: Recommend Approval

SUMMARY:

Requesting approval to delegate signature authority to the Executive Director to enter into a contract with Aon Risk Services Southwest, Inc. (Aon) to provide insurance broker services.

If approved by the Board, an Agreement will be executed between the Water Authority and Aon to enable Aon to be our broker of record.

The Albuquerque Bernalillo County Water Utility Authority (Water Authority) issued the subject Request for Proposal (RFP) to solicit responses from qualified vendors to provide insurance broker of record services. The RFP was posted on the SICOMM website and advertised in the local newspapers. Responses were received and submitted for evaluation. The Ad Hoc Evaluation Committee reviewed, evaluated, and scored the responses in accordance with the evaluation criteria published in the RFP.

The committee recommended the award of a contract to **Aon**, as that company had the highest composite score.

FISCAL IMPACT:

The fiscal impact is expected to be \$278,207 (including all taxes) for the total broker fee and \$1,800,000 yearly for all insurance premiums paid by the broker.

Memo

To: Mark S. Sanchez, Executive Director

From: Candida Kelcourse, Purchasing Administrator *CK*

Through: Jonathan Daniels, Chief Purchasing Officer *JD*

Date: January 15, 2019

Re: Recommendation of Award, P2019000003, Insurance Broker of Record RFP

The Albuquerque Bernalillo County Water Utility Authority issued the above referenced Request for Proposals (RFP) to solicit proposals from qualified vendors to provide insurance broker services.

The RFP was posted on SicomNet and advertised in the local newspaper. Five (5) responses were received and submitted for evaluation. The Ad Hoc Evaluation Committee reviewed, evaluated, and scored the responses in accordance with the evaluation criteria published in the RFP. From the initial offers, two (2) finalists were identified and were requested to provide best and final offers. Two rounds of scoring were held, and subsequent tabulations are attached.

Listed are the finalist's total composite scores. Scores for all other offerors can be seen on the attached preliminary score tabulation. The largest total composite score possible without preferences applied is 100. Neither finalist applied for the small or local preferences nor the NM Resident Preference. All scores listed are the combined average of all Committee members.

<u>Offeror</u>	<u>Total Composite Score</u>
Aon Risk Services Southwest, Inc.	91
Marsh USA, Inc.	85

The Committee recommended the award of contract to **Aon Risk Services Southwest, Inc.** as the company had the highest composite score after final scoring and is qualified to perform the work. I concur with the Committee's recommendation.

Approved:

Recommended:



Mark S. Sanchez
Executive Director

1/17/19

Date



Karen Cunningham
Risk Manager

1/17/19

Date

Enclosures: Composite Score Sheets

Insurance Broker of Record
Request for Proposals No. P2019000003
Preliminary Tabulation

EVALUATION CRITERIA	EVALUATION FACTORS	OFFERORS				
		HUB International	Alliant	Aon	MARSH	USI
1. Experience and qualifications of the Offeror and personnel.	Up to 40	25	30	37	35	22
2. The Offeror's general approach and plans to meet the requirements of the RFP.	Up to 40	25	24	35	30	23
3. Cost Proposal – The costs proposed by the Offeror to perform the tasks listed in the Scope of Services.	Up to 20	14	16	15	16	20
TOTAL COMPOSITE SCORES		64	70	87	81	65
Resident Business Preference	Up to 5%	5				
Resident Veteran Business Preference	Up to 10%					
Recycled Content Goods Preference	Up to 5%					
Local Business Preference	Up to 5 %	5				
Small Business Preference	Up to 5%					
Pay Equity Preference (NOT CURRENTLY AVAILABLE)	Up to 5%					
15% Preference Max		10	0	0	0	0
TOTAL COMPOSITE SCORES WITH PREFERENCES		74	70	87	81	65
RANKING		3	4	1	2	5
		HUB International	Alliant	Aon	MARSH	USI

Insurance Broker of Record
Request for Proposals No. P2019000003
Final Tabulation

EVALUATION CRITERIA	EVALUATION FACTORS	OFFERORS	
		Aon	MARSH
1. Experience and qualifications of the Offeror and personnel.	Up to 40	37	35
2. The Offeror's general approach and plans to meet the requirements of the RFP.	Up to 40	35	30
3. Cost Proposal – The costs proposed by the Offeror to perform the tasks listed in the Scope of Services.	Up to 20	19	20
TOTAL COMPOSITE SCORES		91	85
Resident Business Preference	Up to 5%		
Resident Veteran Business Preference	Up to 10%		
Recycled Content Goods Preference	Up to 5%		
Local Business Preference	Up to 5 %		
Small Business Preference	Up to 5%		
Pay Equity Preference (NOT CURRENTLY AVAILABLE)	Up to 5%		
15% Preference Max		0	0
TOTAL COMPOSITE SCORES WITH PREFERENCES		91	85
RANKING		1	2
		Aon	MARSH

Meeting Date: January 30, 2019

Staff Contact: Kristopher Cadena, Principal Engineer, Utility Development

TITLE: C-19-3 – Service Connection Agreement for Water and Sewer Service with Coronado Park, LTD. at 8401 Pan American FWY NE

ACTION: Recommend Approval

SUMMARY:

Coronado Park, LTD. desires an emergency water connection to existing public water infrastructure located at 8401 Pan American Fwy NE. The property is located at the northwest corner of I-25 and Paseo Del Norte. The proposed property is an existing mobile home park with plans to expand the private water system. The request is for a metered connection to the public water system to serve as an emergency backup source in the event that the onsite private water system fails. The property has existing sanitary sewer service from the Water Authority.

No additional infrastructure requirements are needed to provide emergency water service to this property other than an emergency service connection agreement approved by the Water Authority Board.

As a condition of service, the owner will be required to:

- Comply with the ordinances, resolutions, plans, and regulations of the Water Authority
- Pay the Utility Expansion Charge (UEC) at the rates that are imposed at the time of a service connection based on the size of the emergency service connection water meter.

FISCAL IMPACT:

None

EMERGENCY SERVICE CONNECTION AGREEMENT
**(with Coronado Park, LTD., for Coronado Park Mobile Home Park,
8401 Pan American Freeway, N.E., Albuquerque, NM 87113)**

Albuquerque Bernalillo County Water Utility Authority, a New Mexico political subdivision (the “Water Authority”) and **Coronado Park, LTD.** (“Owner”), whose address is 11100 Santa Monica Blvd. Suite 1150, Los Angeles, CA 90025, agree as follows:

1. Recitals.

A. Owner is the owner of 8401 Pan American FWY NE, Albuquerque, NM 87113 (Legal Description: A Tract of Land, situate within the Elena Gallegos Grant, Projected Sections 13 and 14, Township 11 North, Range 03 East, of the New Mexico Principal Meridian, Bernalillo County, State of New Mexico, being Tract A-1 of the Plat entitled Coronado Village) (herein “Property”), more particularly described and as shown in the Serviceability Statement for the Property, attached hereto as Exhibit A and incorporated herein by reference.

B. The Property is located within the Water Authority’s Adopted Service Area. The Property currently is served by a private well and water distribution system. The Property’s current use is as a mobile home park. The mobile home park has 327 mobile home spaces.

C. Owner desires a 2-inch connection to the public water system to provide emergency back-up water service to the existing mobile home park via the internal private water distribution network. The emergency back-up connection will only deliver water to Owner’s existing tanks for delivery to Owner’s existing customers. The emergency back-up system is solely for the Owner’s existing mobile home park on the Property and is not for expansion of the existing use or any other use. “Emergency” back-up use in this Agreement means any failure of a critical element of Owner’s private water system which requires a closing of Owner’s current private well system, to be determined by Owner in Owner’s discretion.

D. Emergency water service to the Property will be taken from an existing Water Authority 8-inch waterline stub located near the southeast corner of the Property. A private valve to be operated by Owner shall be installed downstream of the water meter to provide for the emergency service. Installation of service shall be performed under the standard tapping permit process, as shown on attached Exhibit B.

E. Sanitary sewer service to the site is currently being provided by an on-site private sanitary sewer system which discharges into the Water Authority sanitary sewer system.

2. Service.

A. Owner shall comply with the Water Authority’s Water and Sewer System Expansion Ordinance, as amended from time to time.

B. Owner will be responsible for paying the monthly bills associated with the emergency connection, regardless if water is not used. The monthly bill will be determined by the Rate Ordinance in effect, and as amended from time to time.

C. For any emergency to Owner's water system during the term of this Agreement, the Water Authority shall be obligated to provide back-up emergency water ("Emergency Use") to Owner for one hundred twenty (120) days following Owner's turning on emergency water due to an emergency under this Agreement. For good cause, Owner by notice to the Water Authority may extend the one hundred twenty (120) day period for an additional thirty (30) days to cure the emergency. If Owner desires continued water service, after the Emergency Use period described above, from the Water Authority under this Agreement, such continued water use following the end of the Emergency Use period shall be considered "Permanent Use", and Owner shall make applicable separate arrangements with the Water Authority, which shall include paying usual UECs based on mobile home park calculations, connection fees and other charges, in accordance with the Water Authority's Water and Sewer Rate Ordinance and other standards and regulations in effect at that time.

D. For the connection for Emergency Use contemplated by this Agreement, before provision of any emergency water service, Owner shall be required to pay a one-time UEC charge based upon the size of the meter, in accordance with the schedule set forth in the Water Authority's Water and Sewer Rate Ordinance, Section 1-1-1, et seq. In the event that Owner's use becomes Permanent Use, as provided in Section 2.D herein, Owner shall be required to pay the applicable UEC, based on the requirements of the Rate Ordinance, as amended from time to time, then in effect. Any use by Owner found to be non-Emergency Use shall result in the Water Authority removal of the existing meter and disconnecting the service in addition to the Owner being obligated to pay the entire UEC amount, based on the rate ordinance for mobile home parks.

E. This Agreement is voided if the Property takes on a use other than the existing mobile home park.

F. The emergency connection will be activated by Owner's operation of the private valve. Water Authority personnel will not turn on/off the water meter or any valve to provide the emergency water.

G. All containment devices will be required per the Water Authority's Cross Connection Ordinance. The Owner shall be responsible for coordination, review and approval of the appropriate device.

H. Owner may terminate this Agreement upon ninety (90) days advance written notice to the Water Authority, in which case the connection to the Water Authority's system will be closed.

3. Termination. If construction of the Connection Point (being defined as the physical connection to the Water Authority system, located as shown on attached Exhibit B,

being an approved point of connection with the appropriate valving and back flow prevention as required by the Water Authority) to the waterline by Owner has not been completed and accepted by the Water Authority within seven (7) years of the effective date of this Agreement, this Agreement shall automatically terminate, and the Water Authority and Owner shall have no further rights, obligations, or liabilities with respect to this Agreement, unless otherwise agreed in writing.

4. Indemnification. Owner will indemnify and hold harmless the Water Authority and its officials, agents, and employees from any claims, actions, suits, or other proceedings arising from the acts or omissions of Owner, its agents, representatives, contractors, or subcontractors, or arising from the failure of Owner, its agents, representatives, contractors, or subcontractors to perform any act or duty required of Owner herein. The indemnification by Owner will not extend to the negligent acts of the Water Authority.

5. Representations and Warranties of Owner. Owner represents and warrants that:

A. Owner is a foreign limited partnership registered under the laws of the State of New Mexico.

B. Owner has all the requisite power and authority to enter into this Agreement and bind Owner under the terms of the Agreement; and

C. The undersigned officer of Owner is fully authorized to execute this Agreement on behalf of Owner.

6. Notices. Any notice to be given under this Agreement will be in writing and will be deemed to have been given when deposited in the United States Mail postage prepaid addressed:

If to the Water Authority:

Mark Sanchez
Executive Director
Albuquerque Bernalillo County Water Utility Authority
One Civic Plaza, Room 5012 Albuquerque, New Mexico 87102

If to Owner:

Coronado Park, LTD.
11100 Santa Monica Blvd. Suite 1150
Los Angeles, CA 90025

7. Assignment. This Agreement may not be assigned without the prior written consent of the Water Authority and Owner.

8. **No Third Party Beneficiary.** This Agreement is not intended to nor shall it create or authorize a third party beneficiary or authorize anyone not a party to the Agreement to maintain any cause of action whatsoever pursuant to the provisions of the Agreement.

9. **Miscellaneous.** This Agreement will be governed by and interpreted in accordance with the laws of the State of New Mexico. The headings used in this Agreement are for convenience only and shall be disregarded in interpreting the substantive provisions of the Agreement. This Agreement binds and benefits the Water Authority and its successors, assigns, and transferees and Owner and its successors, assigns and transferees. Time is of the essence of each term of this Agreement. If any provision of this Agreement is determined by a court of competent jurisdiction to be void, invalid, illegal, or unenforceable, that portion will be severed from this Agreement and the remaining parts will remain in full force as though the invalid, illegal, or unenforceable portion had never been a part of this Agreement.

10. **Integration; Interpretation.** This Agreement contains or expressly incorporates by reference the entire agreement of the parties with respect to the matters contemplated by this Agreement and supersedes all prior negotiations. This Agreement may only be modified in writing executed by both parties.

11. **Approval.** This Agreement is subject to the approval of the Board of Directors of the Water Authority and will not become effective until approved by the Water Authority.

12. **Effective Date.** The effective date of this Agreement is the date last entered below.

In Witness Whereof, the parties hereto have executed this Agreement on the dates entered below.

**ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY**

CORONADO PARK, LTD.

By _____
Mark S. Sanchez, Executive Director

By _____

Its _____

Date: _____

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

This instrument was acknowledged before me on this ____ day of _____, 2019,

by _____ [name] _____, [title]
of Coronado Park, Ltd. a _____, on behalf of said company.

Notary Public

My Commission Expires:

STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

 This instrument was acknowledged before me on this ____day of _____,
by Mark S. Sanchez, Executive Director of the Albuquerque Bernalillo County Water Utility
Authority, a political subdivision of the State of New Mexico, on behalf of said political
subdivision.

Notary Public

My Commission Expires:

January 3, 2019

Chair

Trudy E. Jones
City of Albuquerque
Councilor, District 8

Vice Chair

Debbie O'Malley
County of Bernalillo
Commissioner, District 1

Pat Davis
City of Albuquerque
Councilor, District 6

Timothy M. Keller
City of Albuquerque
Mayor

Klarissa J. Peña
City of Albuquerque
Councilor, District 3

Steven Michael Quezada
County of Bernalillo
Commissioner, District 2

Lonnie Talbert
County of Bernalillo
Commissioner, District 4

Ex-Officio Member
Pablo R. Rael
Village of Los Ranchos
Board Trustee

Executive Director
Mark S. Sanchez

Website
www.abcwua.org

Ron Bohannon
Tierra West, LLC
5574 Midway Park Place NE
Albuquerque, New Mexico 87109

**RE: Water and Sanitary Sewer Serviceability Letter #181113
Coronado Mobile Home Park:
8401 Pan American FWY NE 87113**

Dear Mr. Bohannon:

Project Description: The subject site is located on the northwest corner of Interstate 25 and Paseo Del Norte, within the City of Albuquerque. The property consists of approximately 57 acres and is currently zoned NR-BP (Business Park). The property lies within the Pressure Zone 2E in the Alameda trunk. The request for information indicates no development plans. The site is the existing Coronado Mobile Home Park, which contains approximately 300 units. The site is currently being served by an onsite private water system, which includes a private well and private tank. There are plans to expand the private water system to include a new 100,000 gallon tank. Sanitary sewer service to the site is currently being provided by an onsite private sanitary sewer system which discharges into the Water Authority sanitary sewer system. The request is for a metered connection to the public water system to serve as an emergency backup source in the event that the onsite private water system fails.

Emergency Backup Service Connection Agreement: The Water Authority and developer shall enter into an Emergency Backup Service Connection Agreement that defines financial and other obligations of the developer. The Water Authority Board must approve this agreement to serve this property and establish requirements as a condition of service. The Emergency Backup Service Connection shall only be valid for the emergency connection and will not be applicable if the site redevelops.

Existing Conditions: Water infrastructure in the area consists of the following:

- 36 inch ductile iron pipe transmission main (project #26-9030.61-14) along southwest border of the site
- 24 inch ductile iron pipe transmission main (project #26-9030.63-14) along southeast border of the site
- 16 inch CCYL distribution main (project #not present) along east border of the site
- 8 inch PVC distribution main (project #26-9030.63-14) along stub at the southeast border of the site

Sanitary sewer infrastructure in the area consists of the following:

- 18 inch RCP interceptor line (project #07-049-69) along the south border of the site

Water Service: New metered water service to the property can be provided via routine connection to the existing eight inch waterline stub located near the south side of the

subject property. The metered connection shall also include a backflow device and a private valve downstream of the water meter. This private valve will be owned and operated by the property owner for use when the emergency connection is needed. When water is desired by the property owner, the property owner will be responsible for turning on the private valve.

Existing metered service and fire lines that will not be utilized are to be removed by shutting the valve near the distribution main and capping the line near the valve. For fire lines, the valve access shall be grouted and collar removed. Service is also contingent upon compliance with the Fire Marshal's instantaneous fire flow requirements. Water service will not be sold without adequate fire protection. Water service will only be sold in conjunction with sanitary sewer service.

Sanitary Sewer Service: As mentioned above, sanitary sewer service to the site is currently being provided by an onsite private sanitary sewer system which discharges into the Water Authority sanitary sewer system.

Fire Protection: The instantaneous fire flow requirements for the subject property were not submitted in the request for availability; therefore, this letter may not be complete and/or valid at the time of future construction. All new required hydrants as well as their exact locations must be determined through the City of Albuquerque Fire Marshal's Office and verified through the Utility Development Office prior to the sale of service.

Cross Connection Prevention: Any residential premises having existing private wells and who desire to connect to the public water system shall have two options as follows: 1) Customers shall permanently abandon the use of private wells by plugging the wells as accepted by the Water Authority prior to connecting to the public water system; or 2) Customers who choose to maintain their private wells shall completely sever the private well from the premises' potable plumbing system and shall install a reduced pressure principle backflow prevention assembly approved by the Water Authority at the terminal end of the water service from the public water system (e.g., service connection). Contact Cross Connection at 289-3439 for more information.

Easements: Exclusive public water and sanitary sewer easements are required for all public lines that are to be constructed outside of any dedicated rights-of-way. A minimum width easement of 20 feet is required for a single utility and 25 feet for water and sewer both within the same easement. Easements for standard sized water meters need to be five feet by five feet and include the length of the water service if located on private property. For larger meters that require a meter vault, a 35 feet by 35 feet easement is required. Actual easement widths may vary depending on the depth of the lines to be installed. Acceptable easements must be documented prior to approval of service.

Pro Rata: Pro Rata is not owed and the property can utilize the services available upon completion of the requirements of this statement to connect to water and sanitary sewer.

Design and Construction of all required improvements will be at the developer / property owner's expense. Improvements must be coordinated through the Water Authority Mini Work Order process. Please coordinate with the City to determine if a mini work order is acceptable based on the street classification. Construction must be performed by a licensed and bonded public utility contractor.

Costs and Fees: In addition to installation and construction costs, any new metered water services will be subject to both water and sanitary sewer Utility Expansion Charges (UEC) payable at the time of service application. All charges and rates collected will be based on the ordinances and policies in effect at the time service is actually requested and authorized.

Water Use: All new development shall be required to meet the standard water usage of 180 gallons per household per day which is equivalent to 75 gallons per capita per day. Where available, outdoor water usage shall utilize reclaimed water.

Closure: This serviceability letter does not provide a commitment from the Water Authority to provide services to the development. It only provides details of infrastructure that is available and potential precursors for the proposed development. For service to be provided, a Board approved Emergency Service Connection Agreement must be supplemented by this serviceability letter. The serviceability letter will remain in effect for a period of one year upon approval of the development agreement. Under no circumstances does this serviceability letter commit to service without the above mentioned conditions. Changes in the proposed development may require reevaluation of availability and should be brought to the attention of the Utility Development Section of the Water Authority as soon as possible.

Please feel free to contact Mr. Kristopher Cadena in our Utility Development Section at (505) 289-3301 or email at kcadena@abcwua.org if you have questions regarding the information presented herein or need additional information.

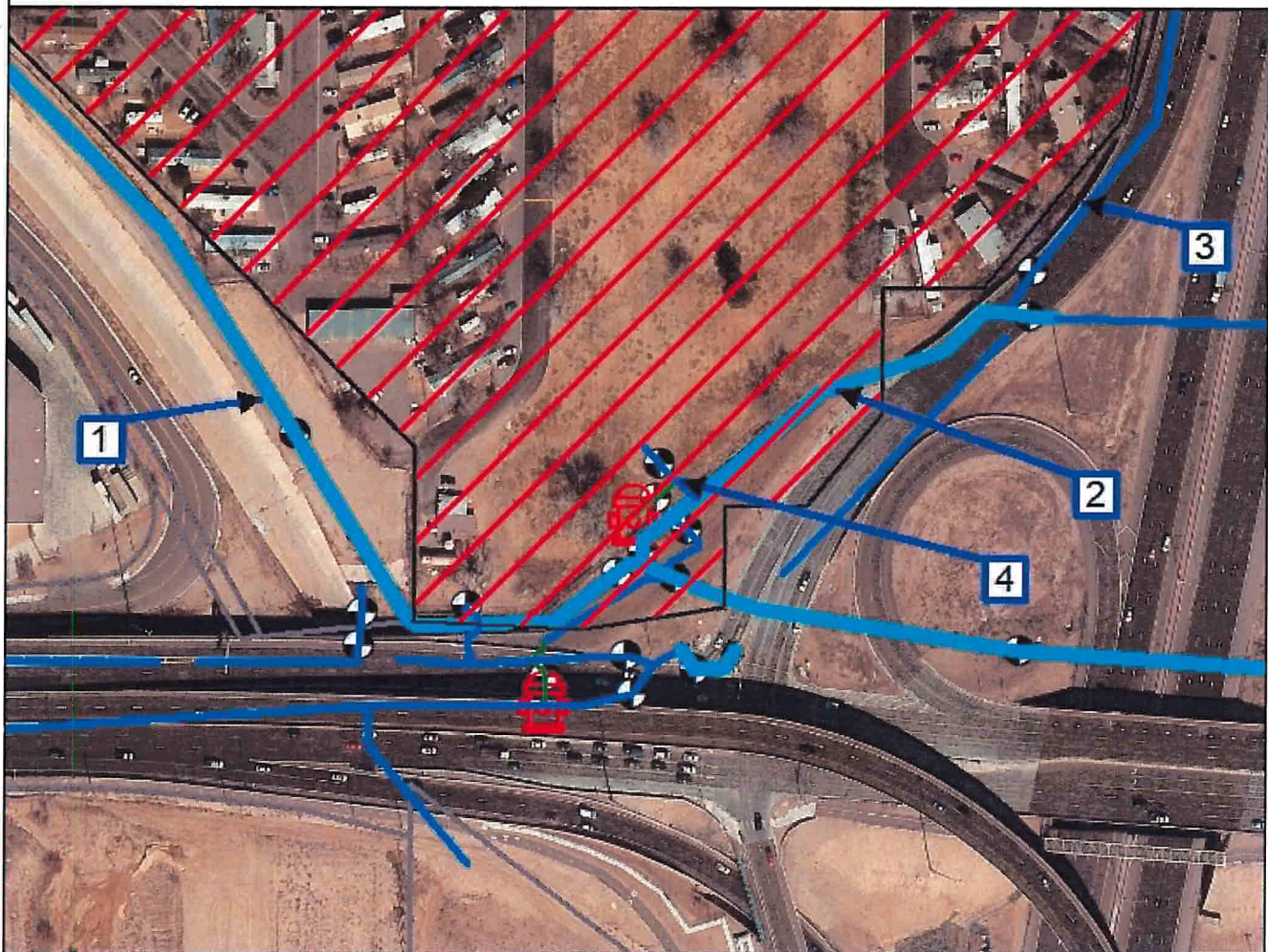
Sincerely,



Mark S. Sanchez
Executive Director

Enclosures: Infrastructure Maps (2)
f/ Serviceability Letter 181113

181113 - Water



Legend

Site Location

Water Pipe

— <all other values>

SUBTYPE

- Distribution Main
- Drain Line
- Hydrant Leg
- In Zone Transmission
- Out Zone Transmission
- SJC Transmission
- Sleeve
- Well Collector Line
- Well Wash Line

0 350 700 Feet



--- Water Infrastructure Map Keyed Notes:

1. --- 36" DIP Transmission Main
2. --- 24" DIP Transmission Main
3. --- 16" CCYL Transmission Main
4. --- 8" PVC Stub

181113 - Sanitary Sewer



Legend

 Site Location

Sewer Pipe

— <all other values>

SUBTYPE

— COLLECTOR

--- FORCE MAIN

— INTERCEPTOR

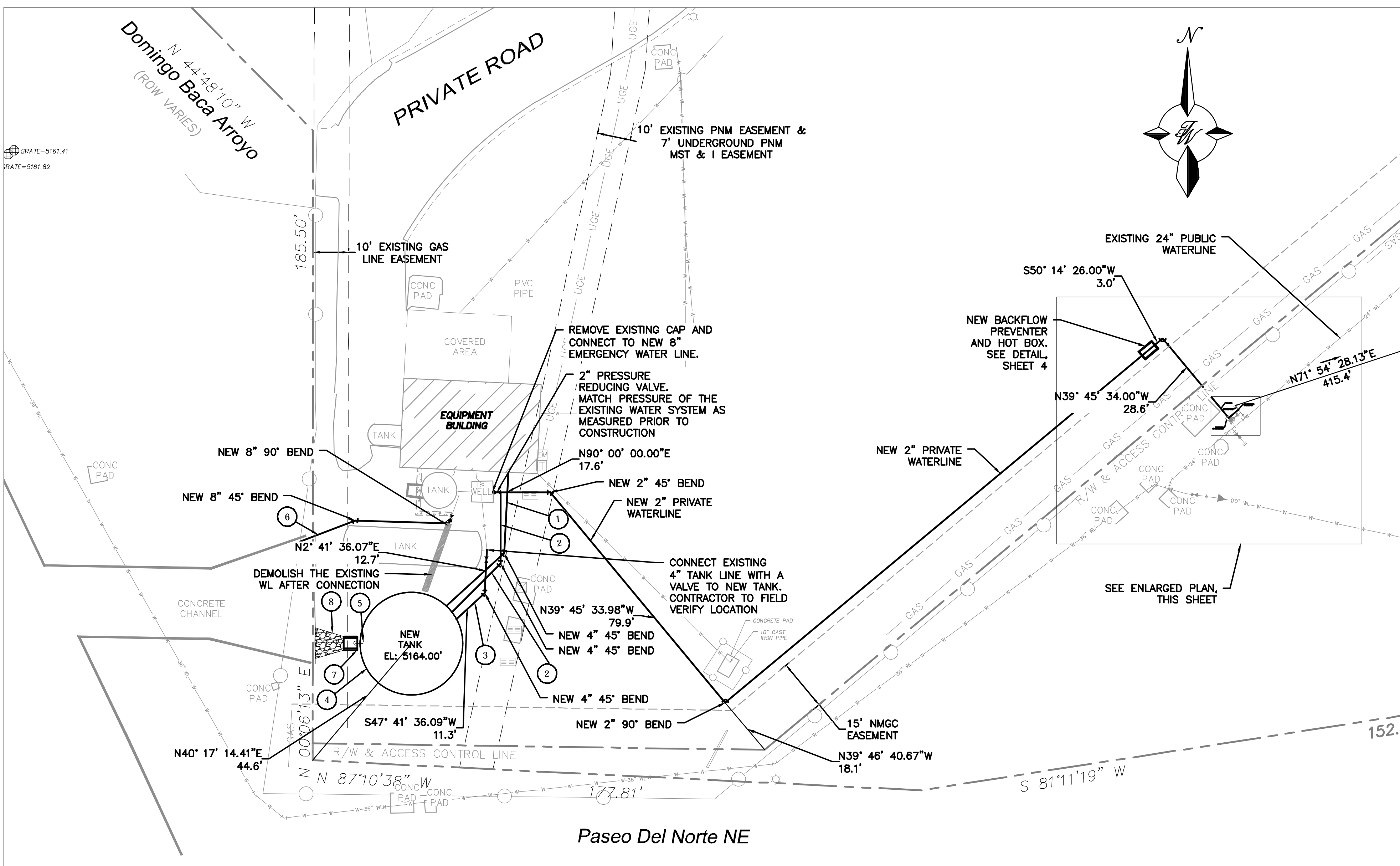
— VACUUM LINE

0 900 1,800 Feet

 --- Sanitary Sewer Infrastructure Map Keyed Notes:















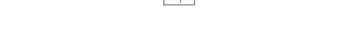
1. --- 18" RCP Interceptor Main





- ① 1-1/4" CONDUIT FOR PRE-WIRED FLOAT SWITCH
(LOW WATER FIRE PUMP CUTOFF)
- ② 4" COATED STEEL OUTLET PIPE
- ③ 4" COATED STEEL FILL LINE
- ④ 1/4" STEEL RING (30" DIA)
- ⑤ 8" STEEL OUTFLOW PIPE
- ⑥ 8" COATED STEEL DISCHARGE PIPE
- ⑦ 3'-0" WIDE CONCRETE CHANNEL
(SEE DETAIL, THIS SHEET)
- ⑧ RIPRAP (SEE DETAIL, THIS SHEET)

LEGEND

	EXISTING BOUNDARY LINE
	EXISTING EASEMENT
	RIGHT-OF-WAY
	EXISTING BUILDING
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING WATER LINE
	EXISTING UNDERGROUND ELECTRICAL
	EXISTING GAS LINE
	EXISTING STREET LIGHTS
	EXISTING ELECTRIC METER
	EXISTING ELECTRIC PULLBOX
	EXISTING TRANSFORMER
	EXISTING TELEPHONE PEDESTAL
	PROPOSED WATER LINE

CAUTION:

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

[illegible]



Meeting Date: January 30, 2019
Staff Contact: Stan Allred, Chief Financial Officer

TITLE: R-18-26 - Amending Funds for the Capital Implementation Program of the Albuquerque Bernalillo County Water Utility Authority for the Fiscal Year 2019

ACTION: Recommend Approval

SUMMARY:

This legislation appropriates additional funding for the FY19 Capital Implementation Program (CIP). This appropriation allows for carryover of all unobligated funds remaining at the end of the 2018 fiscal year and miscellaneous adjustments to the fiscal year 2019 budget for current contractual commitments.

FISCAL IMPACT:

The FY19 capital program appropriation totals \$88.3 million, which has been previously approved through Resolution R-18-12. Capital funds categories that have an excess/deficit budget amount carry their cumulative balance from one year to the next. This means the Water Authority starts the fiscal year with more money in a category if underspent in previous years, or with less money in a category if overspent.

The Water Authority Financial Services Division (FSD) shall record carryover of all unobligated funds remaining at the end of a budget year to the next budget year to cover allowable costs in that budget period. Restricted funds, grants, bond and loan proceeds, and cash transfers that are recorded in Capital funds are the only cumulative balances allowed.

The FY18 carryover amount totals \$28,689,179, which is detailed below in the various decade line categories along with miscellaneous adjustments for current contractual commitments:

	FY19 Budget	FY 18 Carryover Amounts	Current year Adjustments	FY19 Adjusted Budget
Basic Program Appropriations:				
Sanitary Sewer Pipeline Renewal	\$7,995,000	(\$3,467,608)	\$11,975,000	\$16,502,392
Drinking Water Pipeline Renewal	7,550,000	1,408,621	(1,425,000)	7,533,621

Southside Water Reclamation				
Plant Renewal	34,370,000	4,709,411	(17,025,000)	22,054,411
Soil Amendment Facility (SAF)				
Renewal	100,000	6,574	-	106,574
Lift Station and Vacuum Station				
Renewal	3,150,000	783,203	(625,000)	3,308,203
Odor Control Facilities Renewal	750,000	519,767	(660,000)	609,767
Drinking Water Plant Groundwater				
System Renewal	4,695,000	(60,893)	775,000	5,409,107
Drinking Water Plant Treatment				
System Renewal	4,910,000	486,314	(950,000)	4,446,314
Reuse Line and Plant Rehab	70,000	95,017	375,000	540,017
Compliance	195,000	382,109	-	577,109
Shared Renewal	15,000	465,844	(170,790)	310,054
Franchise Agreement Compliance	2,000,000	(1,265,031)	7,930,790	8,665,759
Vehicles and Heavy Equipment	4,818,326	659,274	(200,000)	5,277,600
Level 1 Priority Renewal Projects Total	\$70,618,326	\$4,722,602	-	\$75,340,928
	FY19 Budget	FY 18 Carryover Amounts	Current year Adjustments	FY19 Adjusted Budget
Special Projects:				
Steel Waterline Rehab	\$1,000,000	-	-	\$1,000,000
Automated Meter Infrastructure (AMI)	2,000,000	3,024,286	-	5,024,286
Renewable Energy Projects	350,000	(24,694)	-	325,306
Miscellaneous	9,075,000	13,148,894	(21,253)	22,202,641
Special Projects Total	\$12,425,000	16,148,486	(21,253)	28,552,233
Combined Level 1 Priority Renewal and Special Projects	\$83,043,326	20,871,088	(21,253)	103,893,161
Growth Projects:				
Development Agreements	1,250,000	719,307	-	1,969,307
MIS/GIS	3,500,000	1,031,334		4,531,334
Miscellaneous	250,000	6,067,450	21,253	6,338,703
Growth Total	5,000,000	7,818,091	21,253	12,839,344
Water 2120 Projects	300,000	-	-	300,000
Level 1 Priority Growth/Other Projects Total	5,300,000	7,818,091	-	13,139,344
Grand Total	\$88,343,326	\$28,689,179	-	\$117,032,505

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

BILL NO. R-18-26

1 **RESOLUTION**
2 **AMENDMENT TO THE APPROVED CAPITAL IMPLEMENTATION PROGRAM OF**
3 **THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY FOR**
4 **THE FISCAL YEAR ENDING JUNE 30, 2019**

5 WHEREAS, the Operating and Capital Implementation Program is governed by
6 the requirements established under NMSA 1978 Section 2-1-8 (2006), which provides for
7 amendments to the approved program; and

8 WHEREAS, appropriations for the Fiscal Year ending June 30, 2019 that were
9 previously approved under R-18-12 require an amendment due to a change in the
10 accounting for carryover of all unobligated funds remaining at the end of the 2018 fiscal
11 year budget year to the 2019 budget year and miscellaneous adjustments for current
12 contractual commitments.

13 THEREFORE, BE IT RESOLVED BY THE WATER AUTHORITY:

14 Section 1. That funds in the amount of Twenty-eight million Six hundred eighty-
15 nine thousand One hundred seventy-nine Dollars (\$28,689,179) are hereby increased in
16 the capital budget for reporting of carryover unobligated funds remaining at the end of the
17 2018 fiscal year and current year adjustments.

[+Bracketed Material+] - New
[-Bracketed Material-] - Deletion

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Meeting Date: January 30, 2019
Staff Contact: Stan Allred, Chief Financial Officer

TITLE: C-19-4 - Comprehensive Annual Financial Report for the Fiscal Years Ended June 30, 2018 and 2017

ACTION: Receipt be Noted

SUMMARY:

Submitted to the Board for review and informational purposes is the Comprehensive Annual Financial Report (CAFR) for the fiscal years ended June 30, 2018 and 2017. A review of the CAFR was presented to the Water Authority's Audit Committee and the Authority's Internal Auditor. The CAFR consists of four major sections:

1. *The Introductory Section:*
This section includes the Transmittal Letter with the Water Authority's Organizational Chart, and a listing of the Water Authority Officials, as well as other relevant information to assist the reader in understanding the Water Authority's management structure, operations and financial condition.
2. *The Financial Section:*
This section includes the Independent Auditor's Report, Management's Discussion and Analysis of the Financial Statements, the Water Authority's Financial Statements for the Fiscal Years ended June 30, 2018 and 2017, explanatory footnotes, and required supplementary information.
3. *The Statistical Section:*
This section contains tables with general information about the Water Authority and comparative data from prior years.
4. *Other Supplementary Information Section:*
This section includes all state compliance and operational findings required by the New Mexico Office of the State Auditor (OSA).

The Independent Public Accountant (IPA) firm contracted by the Water Authority to perform the financial and compliance audit was REDW, LLP. The Independent Auditor's Report found on page 20, reflects the opinion, which states "the financial statements referred to above present fairly, in all material respects, the financial position of the Water Authority as of June 30, 2018 and 2017, and the changes in its financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America."

FISCAL IMPACT:

None.

COMMENTS:

The CAFR was submitted to the OSA on November 21, 2018 well before the December 1st due date and was officially released on December 20, 2018.

In accordance with Section 12-6-14(B) NMSA 1978 and 2.2.2.13 NMAC, the Water Authority is required to present its CAFR at the next public board meeting after the official release notice from the OSA has been delivered.

Meeting Date: January 30, 2019
Staff Contact: Frank Roth, Senior Policy Manager

TITLE: C-19-5– FY2019 Second Quarter Performance Indicator Report

ACTION: Recommend Approval

SUMMARY:

The Second Quarter Performance Report provides a snapshot of utility performance. The Scorecard Indicators are categorized by Level of Service areas. The Scorecard Indicators are developed through benchmarking and performance assessments to identify performance gaps and to establish targets to address performance gaps. The Scorecard Indicators Targets are linked to performance benchmarking, the Goals and Objectives, Customer Opinion Survey responses, and Effective Utility Management. The purpose of this report is to provide a one page snapshot of the utility's performance so that stakeholders can easily gauge how the utility is performing in these Level of Service areas which is consistent with the feedback received through the Customer Conversation forums on reporting preferences.

The report identifies the fiscal year-to-date performance compared to the established target. A status of each indicator is provided in three categories: target achieved, work in progress, or target not met. Below is a summary status of the 22 Scorecard Indicators. The following page shows the actual and target performance for all 22 indicators.

Summary Status

On Target / Target Achieved	Work in Progress / Below Target	Target Not Met
17 of 22	5 of 22	0 of 22

FISCAL IMPACT:

None

Quarterly Performance Indicators FY19 2nd Quarter Scorecard

Level of Service Area	Indicator	FY19 2Q Actual	FY19 Target	Status
Regulatory	Number of Permit Excursions	1	<= 5	▲
	Reported Overflows	19	< 40	▲
	Sewer Use/Wastewater Control Ordinance Compliance	90% Permitted Industrial Users 84% Food Service Est. 91% Dental Offices	87% Permitted Industrial Users 87% Food Service Est. 87% Dental Office	■
Reliability	Facility Planned Maintenance Ratios	57% ground water 62% surface water 42% water reclamation	66% ground water 60% surface water 60% water reclamation	■
	Leak Detection Leaks Located / GPY Water Loss Reduction	395 miles surveyed 2,060 miles monitored 37 leaks found 20 MGY water loss reduced	650 miles surveyed 2,200 miles monitored > 80 leaks found >75 MGY water loss reduced	▲
	Miles of Small Diameter Sewer Line Cleaned	341	Btw. 400 to 600 miles	■
	Miles of Sewer Line Televised	13	>100 miles	■
	Injury Time	649 hours	< 2,650 hours	▲
Quality	Water Quality Complaints Rate (per 1,000 customers)	2.3	< 3	▲
	% of Biosolids to Compost	34%	> 30%	▲
	Renewable Energy	21% Bio Gas 7% Solar	20% Bio Gas 5% Solar	▲
	Water Consumption	8.9 BGY GW 6.6 BGY SW	< 18 BGY GW > 16 BGY SW	▲
Customer Service	Wait Time (minutes)	0:12 minutes	< 2 minutes	▲
	Contact Time (minutes)	3:55 minutes	< 4 minutes	▲
	Abandoned Call Ratio	1%	<8%	▲
	First Call Resolution	98%	> 90%	▲
	Bill Exception Rate (per 10,000 Bills)	8	<= 8	▲
Finance	Rehabilitation Spending	\$37 million	\$66 million	▲
	Pipe Infrastructure Emergency vs. Planned Spending	28% Planned 72% Emergency	50% Planned 50% Emergency	■
	Cash Reserves (Days)	429 days	Btw. 90-179 days	▲
	Revenue to Expenditures	101%	> 100%	▲
	Expenditures to Budget	93%	< 100%	▲

Performance Key

▲
On Target/Target Achieved

■
Work in Progress / Below Target

▼
Target Not Met



Rio Grande Water Fund

Laura McCarthy, Sarah Hurteau
January 2019

The Nature
Conservancy



Protecting nature. Preserving life.

RIO GRANDE
WATER FUND

A Wildfire and Water Source
Protection Project

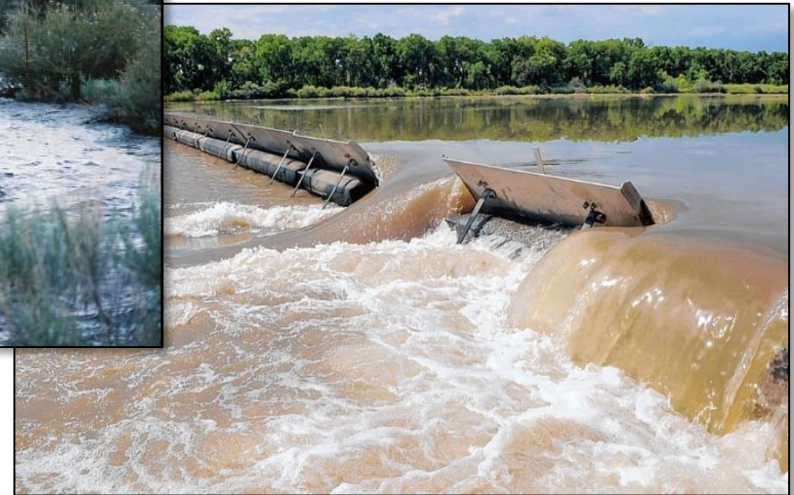
[Nature.org/riogrande](https://www.nature.org/riogrande)



Watershed Management



Watershed management is an insurance policy for the surface-water source of supply

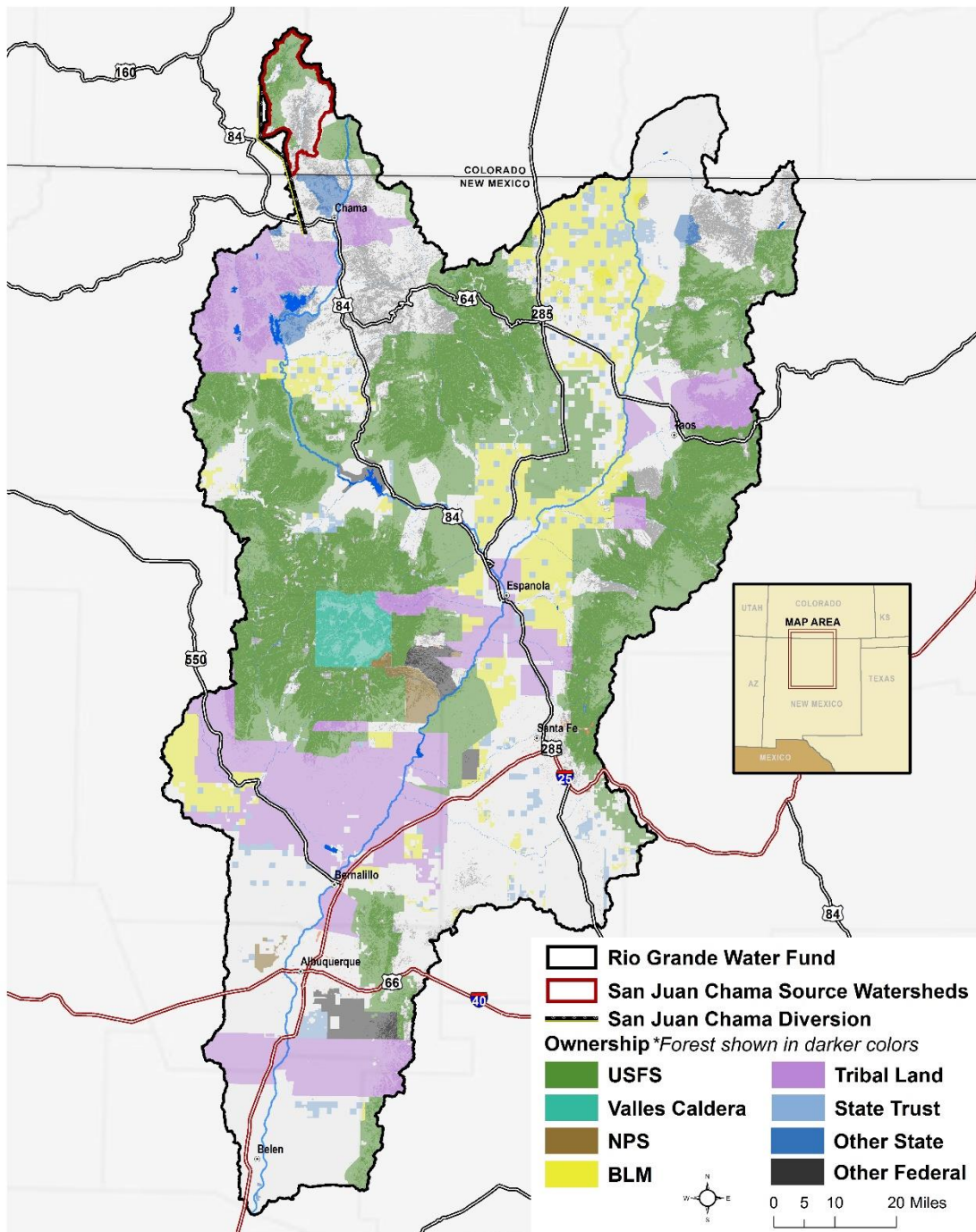


Policy J. Protect Valued Environmental and Cultural Resources, **Sub-policy 4.** The Authority shall work collaboratively and provide funding to protect and restore watersheds of the San Juan–Chama and Rio Grande.

Ownership Map

RIO GRANDE WATER FUND

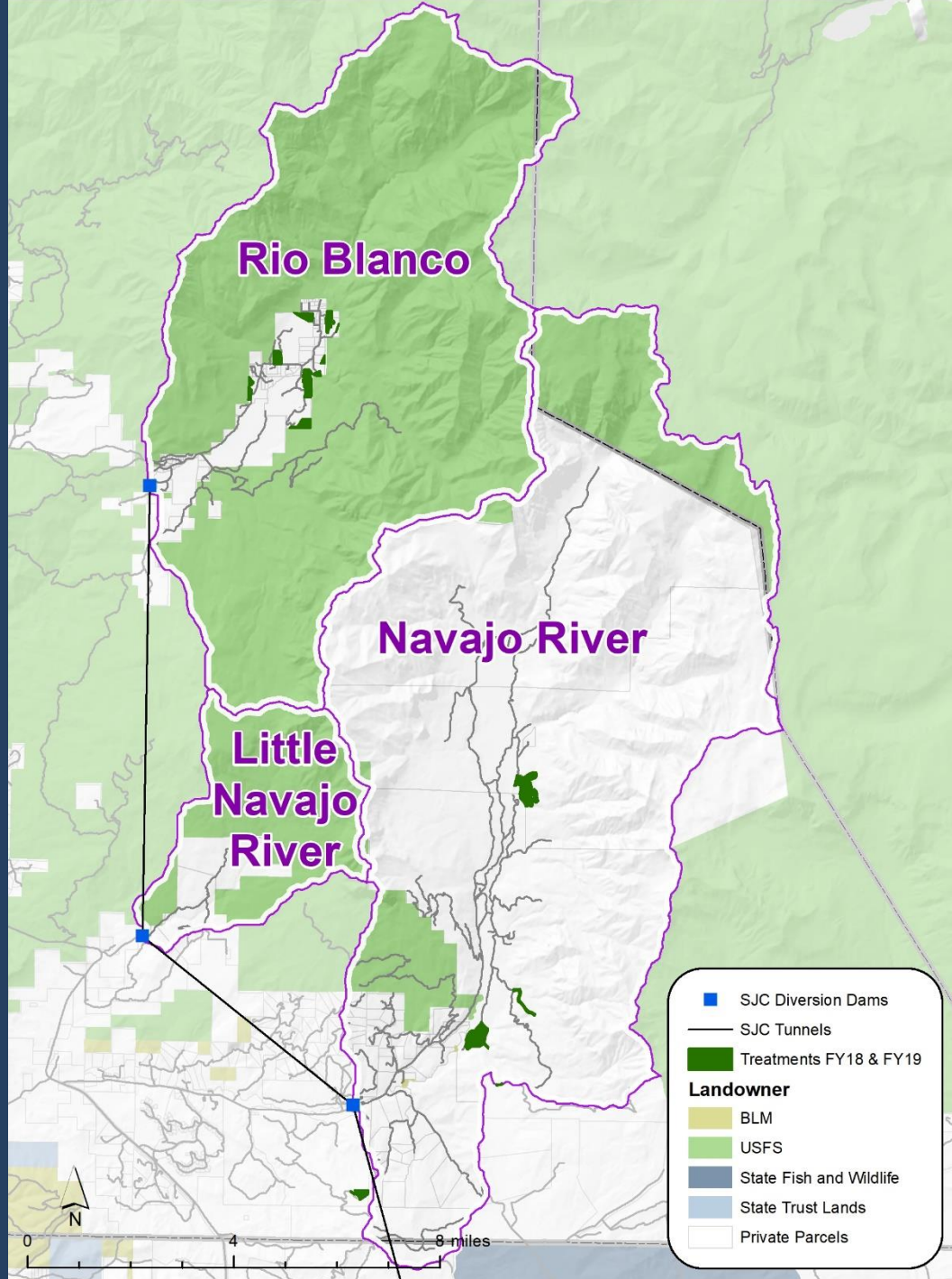
A Wildfire and Water Source
Protection Project



San Juan-Chama Project Map

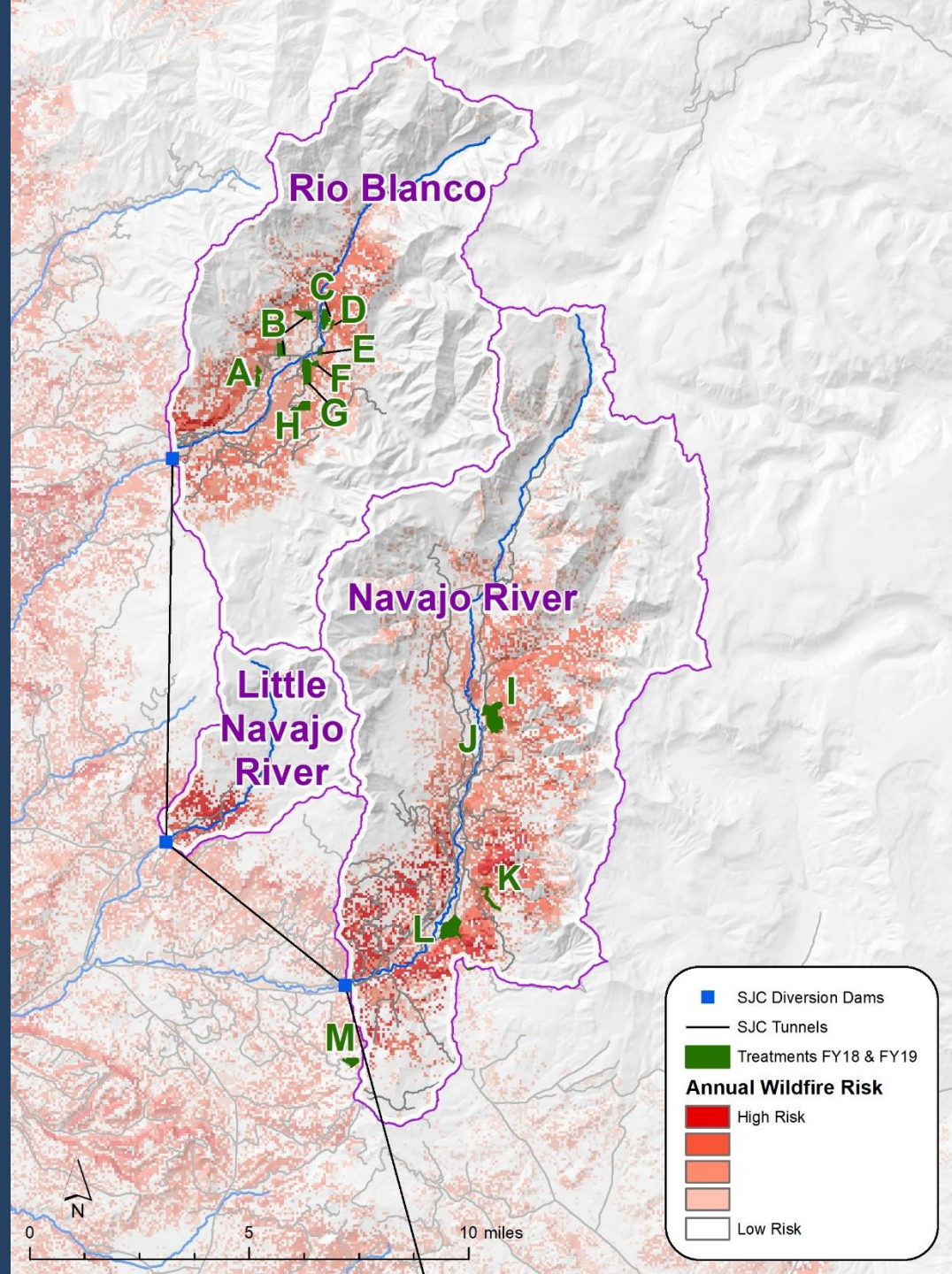
RIO GRANDE
WATER FUND

A Wildfire and Water Source
Protection Project



2018 Field Season: Project Location Map

RIO GRANDE
WATER FUND
A Wildfire and Water Source
Protection Project



2018 Field Season Projects

	Property/Project Name	Treatment Type	Area (acres)	Cost
A	Harvey #1 & #2	mastication	19.5	\$19,500
B	Reed-Hare #1 & #2	mastication	44.0	\$44,000
C	Logjam	masticate, lop, scatter	10.0	\$9,313
D	Lucky Dog #1	lop & scatter	4.0	\$1,600
E	Dillinger	masticate, lop, scatter	10.0	\$9,700
F	Rio Blanco #3	mastication	12.0	\$12,000
G	Rio Blanco #2	mastication	39.0	\$39,000
H	Rio Blanco #1	mastication	36.0	\$36,000
I	Catspaw #3	mastication	11.0	\$11,000
J	Catspaw #1 & #2	mastication	86.0	\$75,250
K	Banded Peak #3	mastication	11.0	\$9,625
L	Banded Peak #2	lop & scatter	46.0	\$17,250
M	Shahan #1	masticate, lop, scatter	30.0	\$26,000

Equipment



Barko 930

B. Reed-Hare #1 and #2

Before



After



Mastication | 44 acres | FY19 | ABCWUA \$24,000; MRGCD \$20,000

B. Reed-Hare #1 and #2

Before



After



Mastication | 44 acres | FY19 | ABCWUA \$24,000; MRGCD \$20,000

J. Catspaw #1 and #2

Before



After



Mastication | 86 acres | FY18 | ABCWUA \$70,520; MRGCD \$4,730

J. Catspaw #1 and #2

Before



After



Mastication | 86 acres | FY18 | ABCWUA \$70,520; MRGCD \$4,730

Blanco River



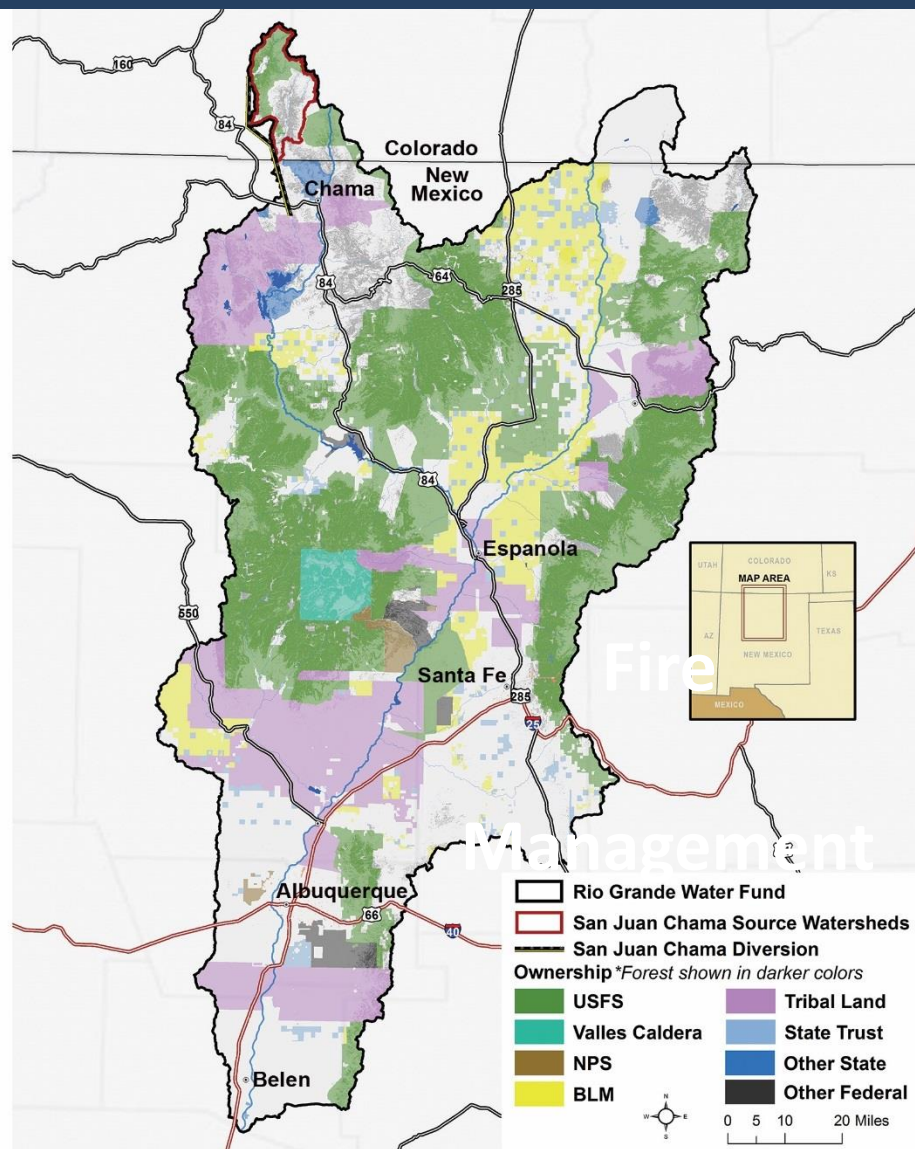
Accelerate Pace & Scale

Baseline in 2012:
3,000-5,000 acres/year

Restoration Goal:
30,000 acres/year or
600,000 acres in 20 years

Baseline funding:
\$6 million/year

Funding Goal:
\$21 million/year





Albuquerque Bernalillo County
Water Utility Authority

Water Authority Solar Energy Update

**Steve House, P.E.
Triple H Solar, LLC**



Albuquerque Bernalillo County
Water Utility Authority

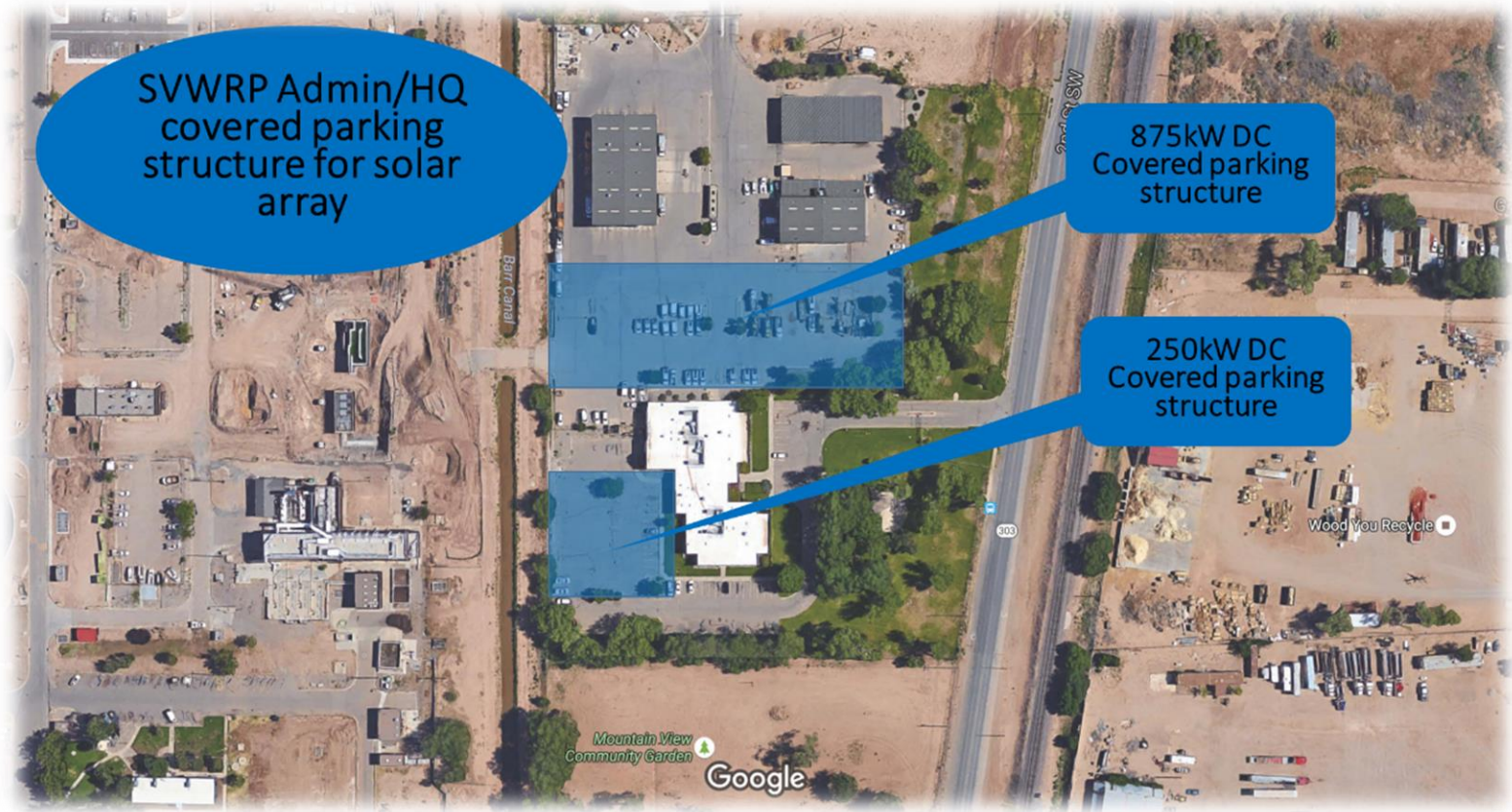
Water Authority Existing and In-development Solar Projects

- Southside Water Reclamation Plant – 21% of its usage will be generated via solar
 - 1 MW existing array
 - 3 MW in development
- San Juan-Chama Water Treatment Plant – 28% of its usage will be generated via solar
 - 1.7 MW existing array
 - 5 MW in development
- Raw Water Diversion Pump Station – 29% of its usage will be generated via solar
 - 2 MW in development

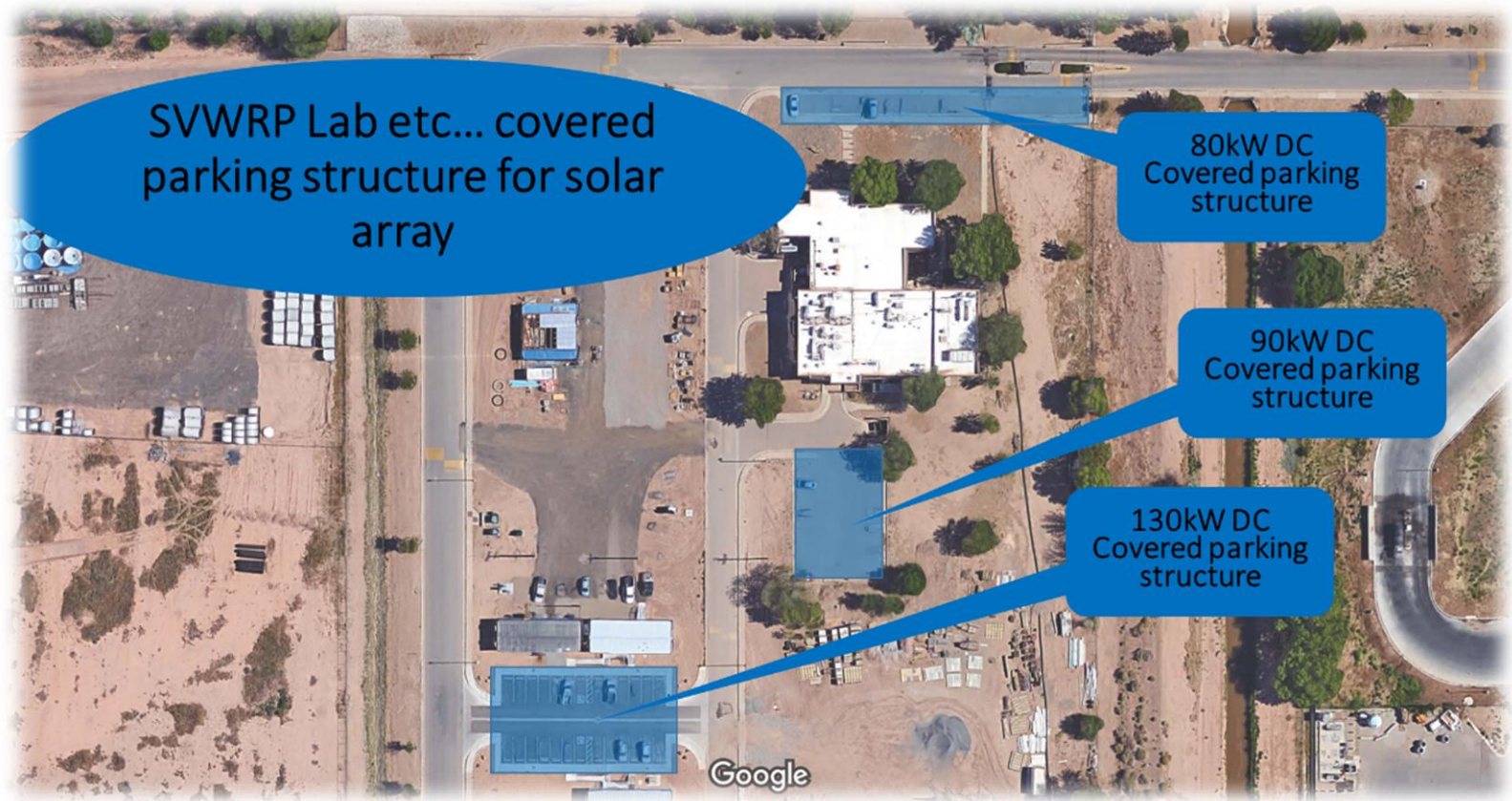
Southside Water Reclamation Plant (SWRP)



Southside Water Reclamation Plant Cont.



Southside Water Reclamation Plant Cont.





Albuquerque Bernalillo County
Water Utility Authority

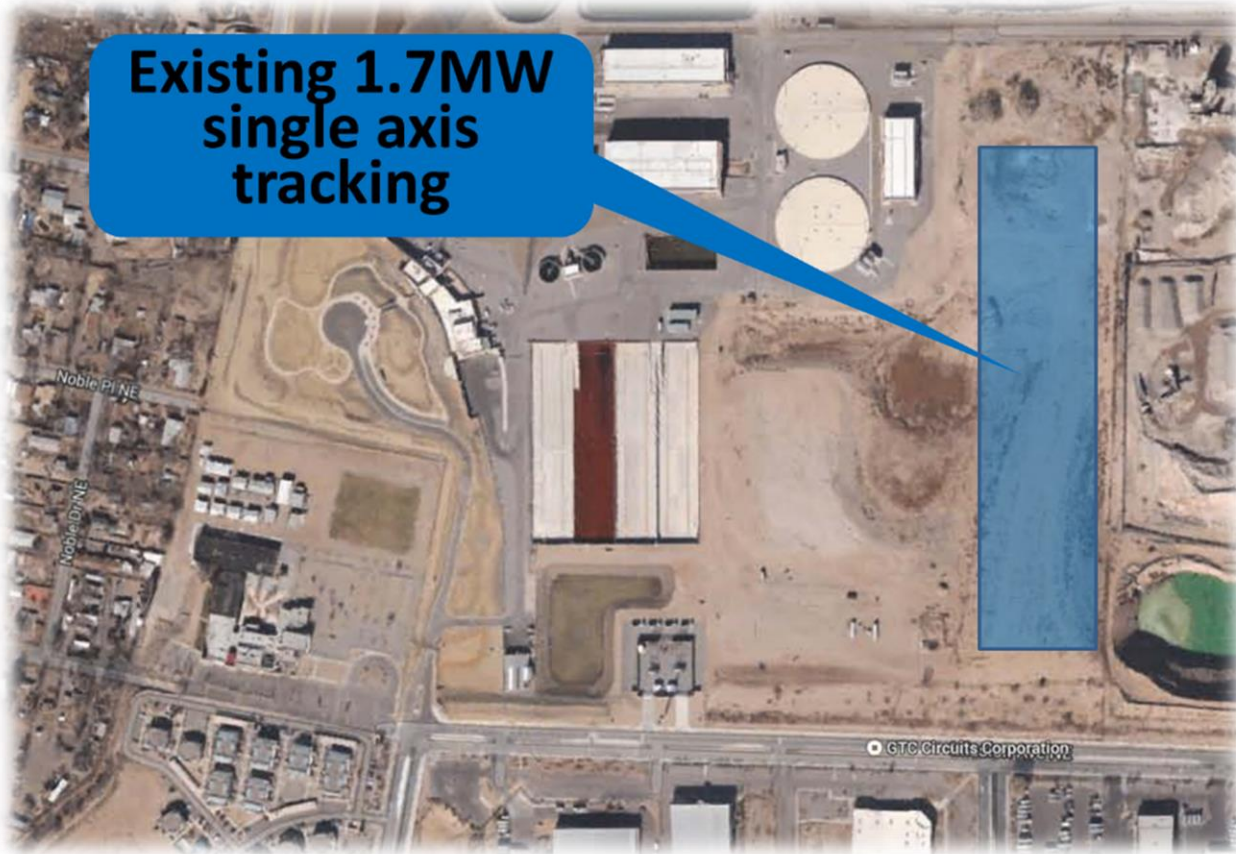
Southside Water Reclamation Plant Cont.





Albuquerque Bernalillo County
Water Utility Authority

San Juan-Chama Water Treatment Plant



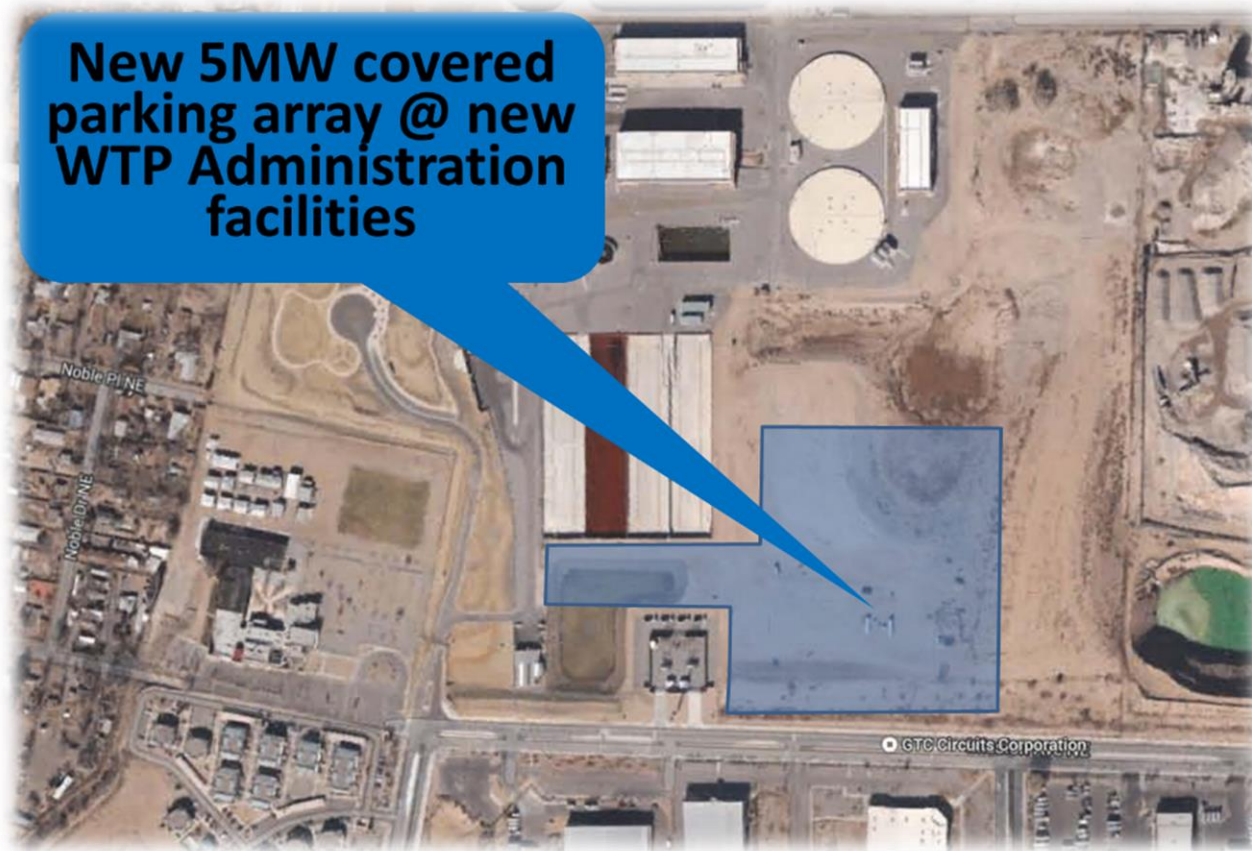
**Existing 1.7MW
single axis
tracking**



Albuquerque Bernalillo County
Water Utility Authority

San Juan-Chama Water Treatment Plant Cont.

**New 5MW covered
parking array @ new
WTP Administration
facilities**



Raw Water Diversion Pump Station (City/County Alameda Open Space)

