



Lower Rio Grande Public Water Works Authority
Sign In Sheet Page 1 of 1

Date: 7/20/16 Time: 9:30 AM Places: VADO OFFICE Event: URG-PWW-Board Meeting

Signature	Print Name, Title, Company or Agency Represented	Contact Information	Email Address
	URG-PWWA	17a.lopez@lrgauthority.org	
	Mark Miller	markmiller@lrgauthority.org	
	Roberto Nichols	978-502-7552	
	Karen Nichols	956-365-3451	Karen.Nichols@lrgauthority.org
	FURMAN SMITH	382-5982	SAME
	JOHNNY TECHARA	644-2590	
	RAY AVELLAR	915-252-1014	SAME
	La Mear	757-233-445	SAME
	URG-PWWA	649-8644	marichide@lrgauthority.com
		649-8630	



Lower Rio Grande Public Water Works Authority
 Sign In Sheet Page 2 of 2

Date: 7/20/14 Time: 9:30 AM Places: Vado Office Event: Ug pwnw Board Meeting

Signature	Print Name, Title, Company or Agency Represented	Contact Information	Email Address
Mike Lopez	Ug pwnw	635-3924	mike.lopez@rgauthority.org
John Holsie	LRG PWR	625-9007	jhs@water.pwr.org
John Smith	Attorney	508-0500	josh@watson-smith.com
John P. Davis	NM CAFE	545-3412	johna@organization.org
Rep. Benjamin Honig	N.M. State Rep. Dist 34	575-642-1379	beahonig@msn.com

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LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY

Minutes—REGULAR BOARD OF DIRECTORS MEETING

9:30 a.m. Wednesday, July 20, 2016 at our Vado Office, 325 Holguin Rd., Vado , NM

NOTE: Minutes are a DRAFT until approved & signed by the Board of Directors

- I. **Call to Order, Roll Call to Establish Quorum:** Chairman Roberto Nieto called the meeting to order at 9:30 a.m. and called the roll. Mr. Raymundo Sanchez representing District #1 was absent, Ms. Alma Boothe representing District #2 was absent, Ms. Blanca Martinez representing District #3 was absent, Mr. John Holguin representing District #4 was present, Mr. Nieto representing District #5 was present, Mr. Mike McMullen representing District #6 was present, and Mr. Furman Smith representing District #7 was present. Staff members present were General Manager Martin Lopez, Operations Manager Mike Lopez, Finance Manager Kathi Jackson, Projects Manager Karen Nichols, and Projects Specialist Liza Lopez. Also present were community members Esperanza Jimenez, Johnny Lechuga, Ray Avelar, and Orlando Jimenez, attorney Josh Smith, NM Café member Johana Bencomo, and NM State Representative Bill Gomez.
- II. **Pledge of Allegiance:** Mr. Martin Lopez led the pledge.
- III. **Motion to approve the Agenda:** Mr. Smith made the motion to approve the agenda with the changes made to it (Items IX.A and IX.B were postponed). Mr. Holguin seconded the motion to approve the revised agenda and the motion carried with none opposed.
- IV. **Motion to approve the Minutes of the June 15, 2016 Regular Board Meeting:** Mr. McMullen made the motion to approve the minutes and Mr. Smith seconded the motion. The motion carried with none opposed.
- V. **Guest Presentations – None**
- VI. **Public Input—15 minutes total allotted for this item, 3 minutes per person –** Mr. Johnny Lechuga asked the Board about the status of the Veteran’s Road Project. Projects Manager Karen Nichols explained that the design phase of the project was nearly complete. This would be followed by a 30 day bidding process, and the construction process itself, which should not take a long time to complete. Mr. John Holguin thanked Mr. Lechuga for attending the Board Meeting and stated that he understood his concerns and assured him that the project was progressing as planned. Mr. Orlando Jimenez read a letter expressing his dissatisfaction with the LRGPWWA’s current disconnection policies and asked that these policies be reconsidered and revised. Mr. Martin Lopez assured him that the LRGPWWA did offer payment arrangements to avoid disconnection and clarified that the \$20.00 fee was not a reconnection fee but a delinquency fee. Mr. Jimenez thanked the Board for their time, stated that he felt he just needed to let the Board know what had happened and asked that these policies be reconsidered and revised. Mr. John Holguin told Mr. Jimenez that the issue would be looked into and suggested a LRGPWWA work session to review the disconnection policy. Ms. Johana Bencomo, a member of NM Café, addressed the Board regarding concerns with infrastructure, specifically problems with area roads such as Cebolla, Tres Caballos, and Tarín. She told the Board that because the problems had not been addressed, community members and NM Café had sourced materials to repair Cebolla Road and invited LRGPWWA Board Members and Staff to an upcoming celebration of the road repairs. Mr. John Holguin thanked her for keeping the Board informed. Mr. Martin Lopez told her that what her organization and the community were doing was commendable. He also expressed concern that manhole covers and water valves had been buried on Tres Caballos when gravel had been spread over that road. Ms. Bencomo assured the Board that line locates had been called in for Cebolla Road and asked for any assistance/input the LRGPWWA would be willing to provide.

VII. Managers' Reports

- A. General Manager:** Mr. Martin Lopez provided a written report and stood for questions. He advised the Board that an individual was interested in buying an old LRGPWWA tank site, and that this might become a future agenda item if there was a consensus. Mr. Holguin asked him about the proposed LRGPWWA arsenic treatment facility in Berino and Mr. Martin Lopez told him that LRGPWWA staff had toured arsenic treatment facilities in Socorro, NM in preparation for the upcoming construction of the LRGPWWA's own facility. He reminded the Board that the final programmed water rate increase took effect on July 1, 2016 and presented a spreadsheet/survey showing LRGPWWA water and sewer rates in comparison to other systems' rates, and showing that the LRGPWWA's residential water rates were still below the State average.
- B. Projects:** Ms. Karen Nichols provided a written report and stood for questions. Mr. Holguin asked if there were any grants available for brackish water treatment. Ms. Karen Nichols told him there were no specific grants for brackish water and that the process itself was very expensive, particularly disposing of the brine that is produced during the treatment of the water. Representative Gomez suggested that LRGPWWA Staff tour the brackish water research facility in Alamogordo, NM. Ms. Karen Nichols informed the Board that she was asked to be a presenter at this year's NM Infrastructure Conference. LRGPWWA Staff will also be attending the Water and Natural Resources Committee and NMFA Oversight Committee meetings in September and will be giving presentations at those meetings. Ms. Karen Nichols provided a copy of the Source Water Protection Plan for Board members and reminded them that the final plan would be presented at the Regular Board meeting on August 20, 2016.
- C. Operations:** Mr. Mike Lopez provided a written report and stood for questions. He told the Board that the LRGPWWA had pumped 52 million gallons of water for the month of June. Mr. Nieto asked if there had been any problems and Mr. Mike Lopez told him there had been no serious problems. Mr. Mike Lopez showed the Board a copy of the new vinyl logo that was going to be placed on the new trucks.
- D. Finance:** Ms. Kathi Jackson stood for questions. She reminded the Board that because her department was short-handed, and because of the implementation of new software, the FY-2016 4th quarter Financial Report and the final budget for FY-2017 would be presented at a special board meeting on July 28, 2016.

VIII. Unfinished Business : None

IX. New Business

- A. Motion to approve Resolution FY-2017-01 4th quarter FY-2016 Financial Report- POSTPONED**
- B. Motion to adopt Resolution FY-2017-02 Adopting Final Budget for Fiscal Year 2017-POSTPONED**
- C. Motion to accept the resignation of Blanca Martinez, Director for District 3, and pursue active recruitment of a new Director for District 3:** Mr. Martin Lopez told the Board that because of a conflict in her schedule, Blanca Martinez would be unable to serve as Director for District 3 and had tendered her resignation from the Board. Mr. Smith made the motion to accept the resignation of Blanca Martinez and pursue active recruitment of a new Director for District 3. Mr. Holguin seconded the motion and it passed with none opposed.
- D. Motion to accept Mr. Nieto's resignation as Chairperson of the LRGPWWA Board effective immediately following the adjournment of this meeting (Vice-Chairperson assumes the office of Chairperson upon resignation of the Chairperson per LRGPWWA Governance Document 2.02 G.2.):** Mr. Nieto addressed the Board and stated that while he would finish out his term as a Director for District 4, he would be resigning as Chairperson of the Board due to medical issues, and John Holguin

would be assuming the office of Chairperson per LRGPWWA Governance Document 2.02 G.2. Mr. Smith made the motion to accept Mr. Nieto's resignation as Chairperson of the LRGPWWA Board and Mr. McMullen seconded the motion. The motion passed with none opposed.

- E. Appointment of Acting Vice-Chairperson of the LRGPWWA Board of Directors:** The floor was opened for nominations and Mr. Holguin nominated Mr. McMullen, the Director for District 6. Mr. Smith seconded the nomination and it was put to a vote. Three Directors voted in favor of Mr. McMullen and one Director (Mr. McMullen) abstained. Mr. McMullen was then appointed Acting Vice-Chairperson of the LRGPWWA Board of Directors.
- F. Motion to adopt Resolution FY-2017-03 authorizing SCCOG Membership for FY-17 and appointing a representative and an alternate:** Mr. Nieto appointed Finance Manager Kathi Jackson as a representative and John Holguin, director for District 4 as an alternate. Mr. Holguin made the motion to adopt Resolution FY-2017-03 authorizing SCCOG membership for FY-17 and Mr. McMullen seconded the motion. The motion passed with none opposed.
- G. Motion to adopt Resolution FY-2017-04 amending Loan Grant Agreement for 252-WTB:** Mr. Smith made the motion to adopt Resolution FY-2017-04 and Mr. McMullen seconded the motion. The motion passed with none opposed.
- H. Motion to approve Amendment to the LRGPWWA Bulk Water Agreement:** Mr. Martin Lopez explained the proposed changes to the LRGPWWA Bulk Water Agreement, explaining that the minimum monthly charge would be changed and that the billing cycle information would be updated. Mr. Holguin made the motion to approve the amendment to the Bulk Water Agreement and Mr. McMullen seconded the motion. The motion passed with none opposed.
- I. Motion to approve Amendment to the LRGPWWA Customer Users Agreement:** Mr. Martin Lopez told the Board that the amendment would outline LRGPWWA procedures for meter errors (over-registering). Mr. Smith made the motion to approve the amendment to the Customer Users Agreement and Mr. McMullen seconded the motion. The motion carried with none opposed.
- J. Motion to approve Engineering Services Agreement with Bohannon Huston for the 252-WTB Project:** Mr. Martin Lopez explained that this agreement was necessary due to the statutory expiration of the old contract. Ms. Karen Nichols explained the contract for the Berino Area Water Supply Project to the Board. Mr. McMullen made the motion to approve the Engineering Services Agreement with Bohannon Huston and Mr. Smith seconded the motion. The motion carried with none opposed.
- X. Motion to convene in closed session at 10:44 A.M., pursuant to NMSA 1978 10-15-1 H.7- threatened or pending litigation:**

 - A. Roll Call Vote: District # 1** (Mr. Sanchez) **ABSENT** #2 (Ms. Boothe) **ABSENT**, #3 (**VACANT**), #4 (Mr. Holguin)**YES**, #5 (Mr. Nieto)**YES**, #6 (Mr. McMullen)**YES**, #7 (Mr. Smith)**YES**
 - B. Motion to reconvene in open session at 10:54 A.M.:** Mr. Smith made the motion to reconvene in open session. Mr. McMullen seconded the motion. The motion passed with none opposed.
 - C. Statement by the Chair that the matters discussed in the closed meeting were limited only to those specified in the motion for closure:** Mr. Nieto stated that the matters discussed in the closed meeting were limited only to those specified in the motion for closure.
 - D. Action, if any, related to threatened or pending litigation:** Mr. Holguin made the motion to authorize Attorney Josh Smith to contact the City of Las Cruces regarding the Jornada Water System's service area. Mr. Smith seconded the motion and it passed with none opposed.
- XI. Other discussion and agenda items for next meeting: 9:30 a.m. Wednesday, August 17, 2016 at the Vado Office:**

- A. Have any Board Members participated in training? If so, please provide a copy of your certificate to staff.
- B. Presentation of the Source Water Protection Plan by D.B. Stephens
- C. Infrastructure Finance Conference registration: October 26-28, 2016 in Ruidoso, NM- Registration opens on July 31st
- D. NM WRRRI Conference registration: October 5-7 in Silver City, NM- Registration is open now
- E. Authorize End of Year function
- F. September 21, 2016 Board Meeting may need to be moved due to NMFA Oversight Committee Meeting
- G. Disposal of Property

XII. **Adjourn:** Mr. McMullen made the motion to adjourn. Mr. Smith seconded the motion and it carried unanimously. Mr. Nieto declared the meeting adjourned at 11:09 a.m.

Minutes approved August 17, 2016

Roberto Nieto, Chairman (District 5)

John Holguin, Vice-Chairman (District 4)

ABSENT

Alma Boothe, Secretary (District 2)

ABSENT

Raymundo Sanchez, Director (District 1)

VACANT

Director (District 3)

Michael McMullen, Director (District 6)

Furman Smith, Director (District 7)

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY

Meeting Notice & Agenda—REGULAR BOARD OF DIRECTORS MEETING

9:30 a.m. Wednesday, July 20, 2016 at our Vado Office, 325 Holguin Rd., Vado, NM

Agendas are final 72 hours prior to the meeting and may be obtained at any LRGPWWA Office—call 575-233-5742 for information

- I. Call to Order, Roll Call to Establish Quorum: District #1 (Mr. Sanchez) ____, #2 (Ms. Boothe) ____, #3 (Ms. Martinez) ____, #4 (Mr. Holguin) ____, #5 (Mr. Nieto) ____, #6 (Mr. McMullen) ____, #7 (Mr. Smith) ____
- II. Pledge of Allegiance
- III. Motion to approve the Agenda
- IV. Motion to approve the minutes of the June 15, 2016 Regular Board Meeting
- V. Guest Presentations
- VI. Public Input—15 minutes total allotted for this item, 3 minutes per person
- VII. Managers' Reports
 - A. General Manager
 - B. Projects
 - C. Operations
 - D. Finance
- VIII. Unfinished Business
- IX. New Business
 - A. Motion to approve Resolution FY-2017- 01 4th quarter FY-2016 Financial Report
 - B. Motion to adopt Resolution FY-2017-02 adopting Final Budget for Fiscal Year 2017
 - C. Motion to accept the resignation of Blanca Martinez, Director for District 3, and pursue active recruitment of a new Director for District 3
 - D. Motion to accept Mr. Nieto's resignation as Chairperson of the LRGPWWA Board effective immediately following the adjournment of this meeting (Vice-Chairperson assumes the office of Chairperson upon resignation of the Chairperson per LRGPWWA Governance Document 2.02 G. 2.)
 - E. Appointment of Acting Vice-Chairperson of the LRGPWWA Board of Directors
 - F. Motion to Adopt Resolution FY-2017-03 authorizing SCCOG Membership for FY-17 and appointing a representative and alternate
 - G. Motion to Adopt Resolution FY-2017-04 amending Loan Grant Agreement for 252-WTB
 - H. Motion to Approve Amendment to the LRGPWWA Bulk Water Agreement
 - I. Motion to Approve Amendment to the LRGPWWA Customer Users Agreement
 - J. Motion to Approve Engineering Services Agreement with Bohannon Huston for the 252-WTB Project
- X. Motion to convene in closed session pursuant to NMSA 1978 10-15-1 H.7- threatened or pending litigation.
 - A. Roll Call Vote: District # 1 (Mr. Sanchez)____, #2 (Ms. Boothe) ____, #3 (Ms. Martinez)____, #4 (Mr. Holguin)____, #5 (Mr. Nieto)____, #6 (Mr. McMullen)____, #7 (Mr. Smith)____
 - B. Motion to reconvene in open session
 - C. Statement by the Chair that the matters discussed in the closed meeting were limited only to those specified in the motion for closure
 - D. Action, if any, related to threatened or pending litigation
- XI. Other discussion and agenda items for next meeting, 9:30 a.m. Wednesday, August 17, 2016 at the Vado Office:
 - A. Have any Board Members participated in training? If so, please provide a copy of your certificate to staff.
 - B. Presentation of the Source Water Protection Plan by D.B. Stephens
 - C. Infrastructure Finance Conference registration: October 26-28, 2016 in Ruidoso, NM- Registration opens on July 31st
 - D. NM WRRRI Conference registration: October 5-7 in Silver City, NM- Registration is open now
 - E. Authorize End of Year function
- XII. Adjourn

If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aide or service to attend or participate in the hearing or meeting, please contact the LRGPWWA office at 575-233-5742, PO Box 2646, Anthony NM 88021 OR 215 Bryant St., Mesquite NM at least one week prior to the meeting or as soon as possible. Public documents, including the agenda and minutes, can be provided in various accessible formats. Please contact the LRGPWWA office if a summary or other type of accessible format is needed.

Si usted es una persona con una discapacidad que necesita un lector, amplificador, intérprete de lenguaje de signos o cualquier otra forma de ayudante auxiliar o servicio para asistir o participar en la audiencia o reunión, póngase en contacto con la oficina de LRGPWWA, 575-233-5742, PO Box 2646, Anthony, NM 88021 o 215 Bryant St., Mesquite, NM por lo menos una semana antes de la reunión o tan pronto como sea posible. Documentos públicos, incluyendo el orden del día y actas, pueden proporcionarse en diferentes formatos accesibles. Póngase en contacto con la oficina LRGPWWA si es necesario un resumen u otro tipo de formato accesible.

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY

Minutes—REGULAR BOARD OF DIRECTORS MEETING

9:30 a.m. Wednesday, June 15, 2016 at our Vado Office, 325 Holguin Rd. Vado, NM

NOTE: Minutes are a DRAFT until approved & signed by the Board of Directors

- I. **Call to Order, Roll Call to Establish Quorum:** Chairman Roberto Nieto called the meeting to order at 9:30 a.m. and called the roll. Mr. Raymundo Sanchez representing District #1 was absent, Ms. Alma Boothe representing District #2 was present, Ms. Blanca Martinez representing District #3 was absent, Mr. John Holguin representing District #4 was present, Mr. Nieto representing District #5 was present, Mr. Mike McMullen representing District #6 was present, and Mr. Furman Smith representing District #7 was present. Staff members present were General Manager Martin Lopez, Finance Manager Kathi Jackson, Projects Manager Karen Nichols, and Projects Specialist Liza Lopez. Also present was Matt Thompson, an Engineer with Bohannon Huston.
- II. **Pledge of Allegiance:** Mr. Martin Lopez led the pledge.
- III. **Swearing-In of Blanca Martinez, newly appointed Board Member for District 3- POSTPONED**
- IV. **Motion to approve the Agenda:** Mr. Smith made the motion to approve the Agenda with Item III postponed and Mr. Holguin seconded the motion. The motion carried with none opposed.
- V. **Motion to approve the minutes of the May 18, 2016 Regular Board Meeting:** Mr. Smith made the motion to approve the minutes and Mr. McMullen seconded the motion. The motion carried with none opposed.
- VI. **Guest Presentations –** Mr. Matt Thompson, an Engineer with Bohannon Huston gave the Board a presentation regarding the Mesquite/Brazito Sewer Project. He explained the addendum to the PER, and the recalculated costs of the project. He stated that the cost analysis revealed that the project area needed to be roughly half of what was originally planned and that pavement removal and de-watering had been underestimated in the original PER. He will be providing maps, spreadsheets and information related to this project to LRGPWWA's Project Director Karen Nichols so that it can be posted to the Board's web page.
- VII. **Public Input—None**
- VIII. **Managers' Reports**
 - A. **General Manager:** Mr. Martin Lopez provided a written report and stood for questions. Mr. Nieto asked Mr. Lopez how long Tony Duarte was expected to be out on medical leave. Mr. Martin Lopez responded that he thought he would be on leave for an estimated 4 to 6 weeks. Mr. Nieto asked Mr. Martin Lopez about the application for a time extension to Apply Water to Beneficial Use. Mr. Martin Lopez told him it was a 3 year extension. Mr. Martin Lopez also advised the Board that a Level I Operator had been hired: Justin Butler, who is currently at a training testing for his Level II Operator Certification.
 - B. **Projects:** Ms. Karen Nichols provided a written report and stood for questions. Ms. Karen Nichols informed the Board that Souder, Miller & Associates had submitted a copy of the Preliminary Engineering Report to the LRGPWWA for the Valle Del Rio Water System Project on May 31, 2016. She also stated that the contractor on the Brazito Water System Improvement Project was scheduled to complete the punch list items this week. She also told the Board that all of the Operators' trucks had been purchased and that there would be a final \$100.00 requisition before this project is finalized. Ms. Karen Nichols described the on-going training and webinars that LRGPWWA staff has been participating in, and reminded the Board that water loss audits, which staff members have been training on, are now required for NMED Drinking Water Loan funds. Ms. Karen Nichols reminded the Board that DB Stephens and Associates will be facilitating two public meetings on the LRGPWWA Source Water Protection Plan, the first of which will be held on Tuesday, June 21, 2016 at the East Mesa Office, and that the LRGPWWA Bill to amend our Statutes will be on the agenda for the Water and

Natural Resources Committee meeting to be held on September 29-30, 2016 in Socorro and at the NMFA Oversight Committee meeting which will be held in Anthony on September 20-21, 2016.

- C. Operations:** Mr. Mike Lopez, the Operations Manager, was not present at today's meeting but he did provide a written report for the board. Mr. Martin Lopez stood for questions in place of Mr. Mike Lopez and told the board that the LRGWWA Distribution Crew had repaired the 4 inch water line on the north side of Vado drive in order to improve the water pressure for the Texaco Fuel Station. Mr. Smith expressed concern about security at the wells and booster stations on the East Mesa. Mr. Martin Lopez told him that NMED has scheduled a Sanitary Survey for Monday, June 20, 2016 and they will check on this. He also stated that he would pass this information along to Mr. Mike Lopez, the Operations Manager.
- D. Finance:** Ms. Kathi Jackson stood for questions. She told the Board that Benita Evaro, LRGWWA's Account Payables Specialist, will be on vacation in July. Mr. Smith asked her how the new billing software was working out and she advised him that there is a learning curve but progress is being made and staff training continues.

IX. Unfinished Business : None

X. New Business

- A. Motion to adopt Resolution FY-2016-14 adopting Interim Budget for Fiscal Year 2017:** Ms. Kathi Jackson, LRGWWA's Finance Manager went over the Interim Budget and reminded the Board that the Final Budget for FY-2017 will be on July's Agenda. Mr. Holguin made the motion to adopt Resolution FY2016-14 adopting the Interim Budget for Fiscal Year 2017 and Mr. Smith seconded the motion and it passed with none opposed.
- B. Motion to rescind previous Board Action and restore hiring authority to the General Manager:** Mr. Martin Lopez told the Board that the LRGWWA has a hiring policy in place that will be adhered to and this Motion will mean he no longer needs the Board's approval to hire new employees, although the board will still be informed when new employees are hired. Mr. Holguin made the motion to restore hiring authority to the General Manager and Ms. Boothe seconded the motion. The motion passed with none opposed.
- C. Motion to approve the RFP Selection Committee's recommendation to select Bohannon Huston, Inc. for RFP #FY2016-03 Berino Water System Improvements:** Ms. Karen Nichols told the Board that 2 proposals had been submitted and the Committee had ultimately recommended Bohannon Huston. She reminded the Board that this Item was on the Agenda because of the statutory expiration of the previous RFP. Mr. Holguin made the motion to approve the amendment and Ms. Boothe seconded the motion. The motion carried with none opposed.

XI. Other discussion and agenda items for next meeting:

- A. Have any Board Members participated in training? Please give us a copy of your certificate.**
- B. Administer Oath of Office to Blanca Martinez, newly appointed Board member**
- C. Resolution on Extension of Water Trust Board Funding for Berino Well Project**
- D. Approve FY 4th Financial Report w/Resolution**
- E. Adopt Final Budget/Resolution**
- F. Public Outreach for Mesquite/Brazito Sewer Project**

XII. Adjourn: Mr. McMullen made the motion to adjourn. Ms. Boothe seconded the motion and it carried unanimously. Mr. Nieto declared the meeting adjourned at 11:11 a.m.

Minutes approved July 20, 2016

Roberto Nieto, Chairman (District 5)

John Holguin, Vice-Chairman (District 4)

Alma Boothe, Secretary (District 2)

ABSENT
Raymundo Sanchez, Director (District 1)

ABSENT
Blanca Martinez, Director (District 3)

Michael McMullen, Director (District 6)

Furman Smith, Director (District 7)

Consortium Conversations on Regional Transportation



JOIN THE CONVERSATION

.....

NM Dept. of Transportation (NM DOT) - Jolene Herrera

El Paso MPO (EP MPO) - Efrén Meza

Mesilla Valley MPO (MV MPO) - Tom Murphy



WHEN: JULY 22 2016, 1:15PM

**WHERE: DOÑA ANA COUNTY GOV'T
CENTER. COMMISSION CHAMBERS.
845 N. MOTEL BLVD.**

NMED Drinking Water Bureau
2015 Muncipal Water and Wastewater User Charge Survey for December 2014 Rates

2015 MUNICIPAL WATER AND SEWER RATE SURVEY - DEC. 2014 RATES; N/A = Not Applicable or Not Reported												AWWA WATER AUDIT INFORMATION				
MUNICIPALITY	COUNTY	RESIDENTIAL 6000 GAL WATER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL WATER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL WATER CONNECTIONS	NUMBER OF COMMERCIAL WATER CONNECTIONS	RESIDENTIAL 6000 GAL SEWER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL SEWER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL SEWER CONNECTIONS	NUMBER OF COMMERCIAL SEWER CONNECTIONS	MONTHLY WATER PRODUCTION FOR JULY 2014 (gallons)	TOTAL ANNUAL WATER PRODUCTION 2014 (gallons)	Did Not Complete water audit	Apparent Losses MG/YR	Real Losses MG/YR	Non- revenue water MG/YR	Data Validity Score (out of 100)
Albuquerque Bernalillo Co. Water Utility Authority	Bernalillo	\$23.17	\$31.13	180,049	21092	\$21.23	\$23.58	178,916	18,818	3,144,929,200	32,144,929,200		265.648	1263.403	2113.42	78
Anthony	Dona Ana	\$26.45	\$32.17	2,744	139	\$23.34	\$27.06	2,541	98	44,281,000	392,612,000	X	N/A	N/A	N/A	N/A
Aztec	San Juan	\$35.70	\$39.90	2,880	337	\$42.00	\$43.00	2,388	277	55,226,000	415,141,000		1.165	31.8	38.323	83
Bayard	Grant	\$31.45	\$39.75	833	60	\$15.19	\$16.42	885	52	6,584,400	66,435,330	X	N/A	N/A	N/A	N/A
Bosque Farms	Valencia	\$25.08	\$25.08	1,374	104	\$28.50	\$28.50	1,307	103	10,941,000	104,329,000	X	N/A	N/A	N/A	N/A
Capitan	Lincoln	\$30.92	\$33.74	716	89	\$15.00	\$17.00	221	63	6,502,000	62,411,000	X	N/A	N/A	N/A	N/A
Carrizozo	Lincoln	\$21.00	\$22.00	507	45	\$19.00	\$91.50	412	45	6,574,000	74,932,900	X	N/A	N/A	N/A	N/A
Causey	Roosevelt	\$24.00	\$24.00	20	7	No sewer services				358,230	2,974,180	X	N/A	N/A	N/A	N/A
Cimarron	Colfax	\$38.98	\$98.66	464	14	\$21.95	\$32.45	329	12	2,467,179	24,803,070	X	N/A	N/A	N/A	N/A
Clayton	Union	\$25.79	\$25.79	1,090	159	\$16.96	\$32.78	882	86	32,780,992	240,893,109	X	N/A	N/A	N/A	N/A
Columbus	Luna	\$35.70	\$38.85	675	33	\$15.00	\$15.00	675	33	7,408,000	63,570,600	X	N/A	N/A	N/A	N/A
Cuba	Sandoval	\$24.50	\$44.50	670	78	\$20.00	\$47.36	478	71	4,162,488	41,908,310	X	N/A	N/A	N/A	N/A
Deming	Luna	\$14.87	\$25.80	4,992	492	\$17.75	\$20.28	4,957	492	141,463,800	1,111,261,800	X	N/A	N/A	N/A	N/A
Des Moines	Union	\$27.00	\$27.00	82	6	No sewer services				758,840	4,340,180	X	N/A	N/A	N/A	N/A
Dexter	Chaves	\$21.54	\$21.54	510	60	\$16.66	\$16.66	488	54	27,295,276	165,841,710	X	N/A	N/A	N/A	N/A
Elephant Butte	Sierra	\$37.50	\$37.50	463	N/A	\$23.10		852	53	2,693,951	21,847,204	X	N/A	N/A	N/A	N/A
Elida	Roosevelt	\$53.69	\$53.69	100	3	No sewer services				1,990,007	14,728,634	X	N/A	N/A	N/A	N/A
Encino	Torrance	\$32.80	\$32.80	48	1	No sewer services				370,590	3,656,303	X	N/A	N/A	N/A	N/A
Espanola	Rio Arriba	\$44.24	\$81.75	3,532	452	\$47.01	\$48.00	3,587	447	27,451,950	292,608,781	X	N/A	N/A	N/A	N/A
Eunice	Lea	\$19.00	\$31.00	1,182	153	\$16.00	\$25.00	1,057	121	72,980,100	616,852,800	X	N/A	N/A	N/A	N/A
Gallup	McKinley	\$27.91	\$36.05	8,488	1996	\$19.81	\$21.80	8,416	1,996	96,667,733	940,020,693		28.029	102.111	161.082	60
Grady	Curry	\$21.00	\$21.00	56	5	No sewer services				1,460,310	7,495,910	X	N/A	N/A	N/A	N/A
Grants	Cibola	\$32.05	\$31.55	2,960	420	\$28.72	\$28.72	2,689	390	53,332,203	422,392,178	X	N/A	N/A	N/A	N/A
Grenville	Union	\$45.15	N/A	10	N/A	No sewer services				60,060	533,270	X	N/A	N/A	N/A	N/A
Hagerman	Chaves	\$20.74	\$64.60	468	35	\$15.64	\$15.64	349	35	16,585,740	176,131,207	X	N/A	N/A	N/A	N/A
Hatch	Dona Ana	\$12.30	\$12.30	829	667	\$17.25	\$23.50	564	133	10,751,460	84,684,757	X	N/A	N/A	N/A	N/A
Hobbs	Lea	\$11.02	\$11.02	10,782	1860	\$21.22	\$21.22	10,692	1,650	365,225,000	2,937,972,000	X	N/A	N/A	N/A	N/A
House	Bernalillo	\$24.40	\$24.40	21	12	No sewer services				529,790	4,097,180	X	N/A	N/A	N/A	N/A
Hurley	Grant	\$28.95	\$28.95	596	17	\$36.65	\$41.78	576	17	5,344,000	62,340,001	X	N/A	N/A	N/A	N/A
Jemez Springs	Sandoval	\$56.45	\$71.64	375	37	No sewer services				2,401,330	26,651,600	X	N/A	N/A	N/A	N/A
Las Cruces	Dona Ana	\$14.59	\$22.05	28,174	4206	\$17.34	\$23.78	29,771	3,327	729,851,000	6,453,907,000		179.850	868.39	1,056.02	78

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2015 MUNICIPAL WATER AND SEWER RATE SURVEY - DEC. 2014 RATES; N/A = Not Applicable or Not Reported												AWWA WATER AUDIT INFORMATION				
MUNICIPALITY	COUNTY	RESIDENTIAL 6000 GAL WATER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL WATER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL WATER CONNECTIONS	NUMBER OF COMMERCIAL WATER CONNECTIONS	RESIDENTIAL 6000 GAL SEWER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL SEWER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL SEWER CONNECTIONS	NUMBER OF COMMERCIAL SEWER CONNECTIONS	MONTHLY WATER PRODUCTION FOR JULY 2014 (gallons)	TOTAL ANNUAL WATER PRODUCTION 2014 (gallons)	Did Not Complete water audit	Apparent Losses MG/YR	Real Losses MG/YR	Non- revenue water MG/YR	Data Validity Score (out of 100)
Las Vegas- separate rates for out of city limits. Within limits listed only	San Miguel	\$43.32	\$208.84	4,647	642	\$47.32	\$62.90	4,435	618	42,532,000	512,044,000		12.103	108.897	127.400	63
Logan	Quay	\$20.75	\$20.75	984	50	\$25.00	\$33.00	925	50	17,117,400	142,710,000		21.000	11	2	N/A
Lordsburg	Hidalgo	\$42.00	\$60.00	807	160	\$45.70	\$55.70	807	160	19,302,077	174,159,951	x	N/A	N/A	N/A	N/A
Los Alamos	Los Alamos	\$33.07	\$50.26	8,073	294	\$31.88	\$8.81	6,746	289	128,548,400	1,182,995,006		3.634	73.105	86.364	72
Lovington	Lea	\$20.35	\$25.37	3,597	477	\$13.87	\$18.51	3,452	410	11,571,000	89,667,000	x	N/A	N/A	N/A	N/A
Melrose	Curry	\$18.50	\$18.50	494	21	\$11.80	\$14.60	461	21	4,167,700	35,300,200	x	N/A	N/A	N/A	N/A
Milan	Cibola	\$24.13	\$38.91	866	126	\$33.11	\$41.11	646	96	16,291,010	192,040,080		22.000	5	17	75
Moriarty	Torrance	\$15.20	\$15.20	787	192	\$25.20	\$25.20	791	148	12,697,700	131,177,770	x	N/A	N/A	N/A	N/A
Mosquero	Harding	\$30.00	\$30.00	67	19	\$16.00	\$16.00	59	12	343,400	39,066,000		N/A	N/A	N/A	N/A
Portales	Roosevelt	\$23.37	\$23.37	4,232	577	\$19.66	\$21.99	4,317	467	108,246,000	1,179,822,000		114.466	115.332	160.894	77
Questa	Taos	\$26.69	\$32.77	664	72	\$20.20	\$40.41	364	51	66,011	750,787	X	N/A	N/A	N/A	N/A
Raton	Colfax	\$21.55	\$27.84	3,441	525	\$19.18	\$21.18	2,930	427	48,997,000	403,116,000	X	N/A	N/A	N/A	N/A
Red River	Taos	\$23.25	\$23.25	598	86	\$47.99	\$47.00	501	87	16,347,000	163,009,400		1.206	73.757	84.623	50
Ruidoso	Lincoln	\$47.56	\$46.56	6,843	559	\$18.27	\$26.89	5,225	524	64.923	671.092	X	N/A	N/A	N/A	N/A
Ruidoso Downs	Lincoln	\$29.02	29.28	687	80	\$23.89	\$52.08	596	70	10,164,554	130,762,365	X	N/A	N/A	N/A	N/A
San Jon	Quay	\$26.41	26.41	119	11	\$17.47	\$36.54	98	8	2,490,000	19,470,000	X	N/A	N/A	N/A	N/A
Santa Rosa	Guadalupe	\$16.57	\$16.57	697	182	\$30.63	\$63.20	624	142	10,816,000	177,410,000		9.140	6.315	25.766	57
Silver City	Grant County	\$32.69	\$32.69	5,612	592	\$16.23	\$16.23	3,798	483	79,536,000	747,363,700	X	N/A	N/A	N/A	N/A
Socorro	Socorro	\$21.94	\$21.94	3,340	392	\$23.59	\$23.59	2,906	289	63,894,200	656,061,200	X	N/A	N/A	N/A	N/A
Taos	Taos	\$24.63	\$29.57	1,688	612	\$36.82	\$48.83	1,700	651	32,006,040	313,400,430	X	N/A	N/A	N/A	N/A
Taos Ski Valley	Taos	\$76.13	\$76.13	140	21	\$228.40	\$228.40	125	22	803,380	9,717,485	X	N/A	N/A	N/A	N/A
Tatum	Lea	\$20.31	\$20.31	317	44	\$9.46	\$9.46	290	44	3,300,000	39,600,000	X	N/A	N/A	N/A	N/A
Texico	Curry	\$36.97	\$36.97	371	30	\$14.70	\$17.47	347	25	5,081,000	49,461,000	X	N/A	N/A	N/A	N/A
Tucumcari	Quay	\$28.25	\$35.90	1,947	354	\$34.61	\$38.94	1,947	354	39,734,000	354,470,000	X	N/A	N/A	N/A	N/A
Vaughn	Guadalupe	\$54.00	\$46.00	239	25	\$7.00	\$15.75	223	12	3,303,196	112,832,809	X	N/A	N/A	N/A	N/A
Virden	Hidalgo	\$24.00	N/A	50	N/A	No sewer services				467,531	4,040,563	X	N/A	N/A	N/A	N/A
Wagon Mound	Mora	\$15.25	\$18.90	145	8	\$15.25	\$18.90	145	8	2,090,595	22,926,955	X	N/A	N/A	N/A	N/A
West Hammond Water	San Juan	\$42.75	\$71.00	1,310	9	No sewer services				9,718,500	91,389,100	X	N/A	N/A	N/A	N/A
Average		\$29.26	\$38.13	5,228	692	\$27.52	\$34.66	6,071	691	94,390,837	914,526,566					
Minimum		\$11.02	\$11.02	10	1	\$7.00	\$8.81	59	8	65	671					
Maximum		\$76.13	\$208.84	180,049	21,092	\$228.40	\$228.40	178,916	18,818	3,144,929,200	32,144,929,200					
Median		\$26.41	\$31.00	716	88	\$20.00	\$25.10	852	98	10,751,460	104,329,000					

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AWWA WATER AUDIT INFORMATION

Local Govt. Owned Public Water Systems	COUNTY	RESIDENTIAL 6000 GAL WATER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL WATER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL WATER CONNECTIONS	NUMBER OF COMMERCIAL WATER CONNECTIONS	RESIDENTIAL 6000 GAL SEWER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL SEWER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL SEWER CONNECTIONS	NUMBER OF COMMERCIAL SEWER CONNECTIONS	MONTHLY WATER PRODUCTION FOR JULY 2013 (gallons)	TOTAL ANNUAL WATER PRODUCTION 2013 (gallons)	Did Not Complete water audit	Apparent Losses MG/YR	Real Losses MG/YR	Non-revenue water MG/YR	Data Validity Score (out of 100)
ALGODONES WUA	SANDOVAL	\$31.49	N/A	145	N/A	N/A	N/A	N/A	N/A	1,323,370	10,910,790	X	N/A	N/A	NA	N/A
ALTO DE LAS FLORES MDWCA	DONA ANA	\$20.00	\$25.00	271	8	N/A	N/A	N/A	N/A	4,029,000	34,412,000	X	N/A	N/A	N/A	N/A
APODACA MDWCA	RIO ARRIBA	\$20.00	N/A	44	0	N/A	N/A	N/A	N/A	693,170	5,364,130	X	N/A	N/A	N/A	N/A
ARAGON MDWCA	CATRON	\$41.52	N/A	16	N/A	N/A	N/A	N/A	N/A	455,600	1,137,260		563,106	563,106	563,106	N/A
BLUEWATER WATER AND SAN. DISTRICT	CIBOLA	\$62.73	\$96.80	169	1	\$54.27	\$46.69	169	1	N/A	N/A	X	N/A	N/A	N/A	N/A
CANADA DE LOS ALAMOS MDWCA	SANTA FE	\$42.00	N/A	24	N/A	N/A	N/A	N/A	N/A	50,930	N/A	X	N/A	N/A	N/A	N/A
CANON MDWCA	SANDOVAL	\$61.95	\$61.95	118	N/A	N/A	N/A	N/A	N/A	535,241	5,693,550	X	N/A	N/A	N/A	N/A
CANYON HILLS MDWCA	OTERO	\$20.05	N/A	23	N/A	N/A	N/A	N/A	N/A	387,820	2,125,700	X	N/A	N/A	N/A	N/A
CHAMBERINO MDWC & SA	DONA ANA	\$30.12	N/A	210	N/A	N/A	N/A	N/A	N/A	2,166,896	17,342,288	X	N/A	N/A	N/A	N/A
CHIPPEWAY WATER USERS ASSOCIATION	OTERO	\$30.00	N/A	70	N/A	N/A	N/A	N/A	N/A	N/A	2,410,750	X	N/A	N/A	N/A	N/A
CHUPADERO MDWCA	SANTA FE	\$39.00	N/A	54	0	N/A	N/A	N/A	N/A	220,230	2,557,210	X	N/A	N/A	N/A	N/A
CIDER MILL FARMS MDWCA	OTERO	\$21.25	N/A	21	N/A	N/A	N/A	N/A	N/A	155,557	1,295,92	X	N/A	N/A	N/A	N/A
CLOUD COUNTRY ESTATES WUA	OTERO	\$28.87	\$28.87	124	3	N/A	N/A	N/A	N/A	1,062,585	12,803,800	X	N/A	N/A	N/A	N/A
COAL BASIN WATER ASSOCIATION	MCKINLEY	\$40.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	373,495	3,244,550	X	N/A	N/A	N/A	N/A
DESERT RANCH MDWCA	CURRY	\$40.00	N/A	36	N/A	N/A	N/A	N/A	N/A	309,570	1,532,826	X	N/A	N/A	N/A	N/A
DIXON MDWCA	RIO ARRIBA	\$27.00	\$27.00	193	13	N/A	N/A	N/A	N/A	456,300	6,652,500	X	N/A	N/A	N/A	N/A
DONA ANA MDWCA	DONA ANA	\$29.60	\$34.79	5178	61	\$31.25	\$31.25	846	5	71,436,774	603,687,557	X	N/A	N/A	N/A	N/A
EAST PECOS MDWCA	SAN MIGUEL	\$25.00	N/A	200	N/A	N/A	N/A	N/A	N/A	646,600	8,161,600	X	N/A	N/A	N/A	N/A
EL ANCON MDWCA	SAN MIGUEL	\$30.00	\$8.00	45	1	N/A	N/A	N/A	N/A	114,800	1,248,800	X	N/A	N/A	N/A	N/A
EL CORUCO MDWCA	SAN MIGUEL	\$42.53	\$42.53	56	1	N/A	N/A	N/A	N/A	133,600	1,705,800	X	N/A	N/A	N/A	N/A
EL RITO CANYON MDWCA	RIO ARRIBA	\$14.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	367,024	3,383,858	X	N/A	N/A	N/A	N/A
FAMBROUGH MDWCA	CHAVES	\$35.00	N/A	173	N/A	N/A	N/A	N/A	N/A	2,033,575	19,280,378	X	N/A	N/A	N/A	N/A
FLORA VISTA MUTUAL DOMESTIC	SAN JUAN	\$49.63	\$77.51	1188	53	N/A	N/A	N/A	N/A	8,144,000	79,621,000	X	N/A	N/A	N/A	N/A
GALISTEO MDWCA	SANTA FE	\$30.00	N/A	87	N/A	N/A	N/A	N/A	N/A	234,700	4,772,100	X	N/A	N/A	N/A	N/A
GREATER CHIMAYO MDWCA	RIO ARRIBA	\$72.45	\$97.50	356	8	N/A	N/A	N/A	N/A	983,100	10,916,500	X	N/A	N/A	N/A	N/A
HACHITA MDWCA	GRANT	\$76.23	\$76.23	25	N/A	N/A	N/A	N/A	N/A	N/A	938,800	X	N/A	N/A	N/A	N/A
HIGH ROLLS COMMUNITY WUC	OTERO	\$18.50	\$18.50	129	4	N/A	N/A	N/A	N/A	559,710	5,630,880	X	N/A	N/A	N/A	N/A
HIGH VALLEY WATER MDWCA	DONA ANA	\$36.00	N/A	24	N/A	N/A	N/A	N/A	N/A	217,360	2,650,030	X	N/A	N/A	N/A	N/A
HILLSBORO MDWCA	SIERRA	\$27.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	429,620	3,948,460	X	N/A	N/A	N/A	N/A
HOLLYWOOD RANCH DOMESTIC WUA	GUADALUPE	\$85.00	N/A	20	N/A	N/A	N/A	N/A	N/A	109,000	7,759,000	X	N/A	N/A	N/A	N/A
ILFELD MDWCA	SAN MIGUEL	\$42.53	N/A	116	N/A	N/A	N/A	N/A	N/A	491,137	3,312,857	X	N/A	N/A	N/A	N/A
KARR CANYON ESTATES	OTERO	\$27.50	N/A	38	N/A	N/A	N/A	N/A	N/A	272,630	2,694,210	X	N/A	N/A	N/A	N/A
LA ASSOC. DE AGUA DE LOS BRAZOS	RIO ARRIBA	\$40.00	\$60.00	28	0	N/A	N/A	N/A	N/A	112,000	1,344,000	X	N/A	N/A	N/A	N/A
LA CUEVA MDWCA	SAN MIGUEL	\$25.50	N/A	21	N/A	N/A	N/A	N/A	N/A	64,390	1,473,600	X	N/A	N/A	N/A	N/A
LA JARA WATER USERS ASSOCIATION	SANDOVAL	\$84.26	N/A	168	N/A	N/A	N/A	N/A	N/A	536,969	5,807,425	X	N/A	N/A	N/A	N/A
LA JOYA MDWCA	SOCORRO	\$21.00	\$21.00	49	2	N/A	N/A	N/A	N/A	878,803	9,537,920	X	N/A	N/A	N/A	N/A
LA LUZ MDWCA	OTERO	\$31.00	N/A	703	N/A	N/A	N/A	N/A	N/A	5,511,300	44,034,440	X	N/A	N/A	N/A	N/A
LA UNION MW&SA	DONA ANA	\$43.00	\$77.00	311	8	N/A	N/A	N/A	N/A	4,608,000	34,150,000	X	N/A	N/A	N/A	N/A
LEASBURG MDWCA	DONA ANA	\$24.40	\$24.40	312	0	N/A	N/A	N/A	N/A	4,759,040	39,958,010	X	N/A	N/A	N/A	N/A
LEE ACRES WATER USERS ASSOCIATION	SAN JUAN	\$29.50	\$29.50	1451	11	N/A	N/A	N/A	N/A	18,975,000	153,638,000	X	N/A	N/A	N/A	N/A
LIBERTY MDWCA	QUAY	\$25.56	\$0.00	98	0	N/A	N/A	N/A	N/A	686,200	5,118,330	X	N/A	N/A	N/A	N/A

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LLANO QUEMADO MDWCA	TAOS	\$24.60	N/A	250	1	N/A	N/A	N/A	N/A	1,110,800	11,836,400	X	N/A	N/A	N/A	N/A
LOS OJOS MDWCA	RIO ARRIBA	\$30.00	N/A	86	0	N/A	N/A	N/A	N/A	612,100	5,532,949	X	N/A	N/A	N/A	N/A
LOWER COLONIAS MDWCA	SAN MIGUEL	\$42.53	N/A	16	N/A	N/A	N/A	N/A	N/A	18,750	168,450	X	N/A	N/A	N/A	N/A
LOWER RIO GRANDE PUBLIC WWA	DONA ANA	\$23.10	\$48.95	4,847	170	\$22.50	\$27.75	499	11	69,062,278	516,997,194	X	N/A	N/A	N/A	N/A
LOWER VALLEY WATER USERS ASSOC.	SAN JUAN	\$24.30	\$24.30	2603	227	N/A	N/A	N/A	N/A	57,820,839	436,552,066	X	N/A	N/A	N/A	N/A
LUMBERTON MDWCA	RIO ARRIBA	\$97.00	\$155.00	79	3	N/A	N/A	N/A	N/A	434,199	4,966,504		1.81	N/A	N/A	N/A
MADRID WATER CO-OP	SANTA FE	\$64.00	N/A	131	N/A	N/A	N/A	N/A	N/A	351,190	3,313,655	X	N/A	N/A	N/A	N/A
MESCALERO RIDGE WATER CO-OP	LEA	\$37.00	\$37.00	20	6	N/A	N/A	N/A	N/A	252,530	2,306,711	X	N/A	N/A	N/A	N/A
MIAMI WATER USERS ASSOCIATION	COLFAX	\$42.30	N/A	74	1	N/A	N/A	N/A	N/A	481,939	4,396,254	X	N/A	N/A	N/A	N/A
MOUNTAIN ORCHARD MDWCA	OTERO	\$37.50	N/A	38	N/A	N/A	N/A	N/A	N/A	208,370	1,897,986	X	N/A	N/A	N/A	N/A
NAVAJO DAM DWC INC	SAN JUAN	\$53.50	\$78.00	159	17	N/A	N/A	N/A	N/A	1,531,000	11,846,000	X	N/A	N/A	N/A	N/A
NOGAL MDWCA	LINCOLN	\$43.50	N/A	28	N/A	N/A	N/A	N/A	N/A	113,240	1,015,750	X	N/A	N/A	N/A	N/A
OJO SARCO MDWCA	RIO ARRIBA	\$47.75	N/A	100	0	N/A	N/A	N/A	N/A	323,100	3,412,180	X	N/A	N/A	N/A	N/A
OTIS MDWCA	EDDY	\$35.26	\$86.55	1531	30	N/A	N/A	N/A	N/A	21,484,000	216,523,000	X	N/A	N/A	N/A	N/A
PECAN PARK MDWCA	LUNA	\$25.00	N/A	44	N/A	N/A	N/A	N/A	N/A	232,358	1,780,754	X	N/A	N/A	N/A	N/A
PENDARIES MDWCA	SAN MIGUEL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	N/A	N/A	N/A	N/A
PICACHO MDWCA	DONA ANA	\$12.50	\$12.50	315	2	N/A	N/A	N/A	N/A	4,520,500	34,325,600	X	N/A	N/A	N/A	N/A
PINE RIVER MDCA	SAN JUAN	\$50.00	N/A	15	N/A	N/A	N/A	N/A	N/A	133,561	712,560	X	N/A	N/A	N/A	N/A
PINOS ALTOS MDWCA	GRANT	\$55.54	\$55.54	133	3	N/A	N/A	N/A	N/A	1,009,440	7,078,010	X	N/A	N/A	N/A	N/A
POLVADERA MDWCA	SOCORRO	\$22.25	N/A	741	N/A	N/A	N/A	N/A	N/A	6,847,500	58,931,900	X	N/A	N/A	N/A	N/A
PONDEROSA MDWCA	SANDOVAL	\$29.25	\$29.25	195	3	N/A	N/A	N/A	N/A	930,900	12,382,354	X	N/A	N/A	N/A	N/A
QUAIL HOLLOW MDWUA	BERNALILLO	\$560.00	N/A	20	N/A	N/A	N/A	N/A	N/A	27,333	216,711	X	N/A	N/A	N/A	N/A
QUEMADO MUNICIPAL WATER & SWA	CATRON	\$30.00	\$30.00	N/A	6	\$21.50	\$21.75	N/A	7	N/A	N/A	X	N/A	N/A	N/A	N/A
RANCHITOS DE GALISTEO WUA	SANTA FE	\$44.33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	349,900	2,679,800	X	N/A	N/A	N/A	N/A
RANCHOS DE TAOS MDWCA	TAOS	\$20.00	\$40.00	232	8	N/A	N/A	N/A	N/A	N/A	N/A	X	N/A	N/A	N/A	N/A
REGINA MDWCA	SANDOVAL	\$34.50	\$34.50	260	N/A	N/A	N/A	N/A	N/A	926,460	8,704,440	X	N/A	N/A	N/A	N/A
RIBERA MDWCA	SAN MIGUEL	\$10.00	\$35.00	51	3	N/A	N/A	N/A	N/A	157,790	1,743,900	X	N/A	N/A	N/A	N/A
RIO CHIQUITO MDWCA	SANTA FE	\$20.00	N/A	N/A	61	N/A	N/A	N/A	N/A	377,000	3,601,000	X	N/A	N/A	N/A	N/A
RIVERAS MDWUA	GUADALUPE	\$42.20	\$48.70	26	2	N/A	N/A	N/A	N/A	323,000	2,840,000	X	N/A	N/A	N/A	N/A
RIVERSIDE MDWA	EDDY	\$34.00	\$67.00	38	34	N/A	N/A	N/A	N/A	964,000	8,745,000	X	N/A	N/A	N/A	N/A
ROWE MDWCA	SAN MIGUEL	\$23.81	N/A	41	N/A	N/A	N/A	N/A	N/A	174,880	2,174,400	X	N/A	N/A	N/A	N/A
SAN ACACIA MDWCA	SOCORRO	\$12.00	N/A	83	N/A	N/A	N/A	N/A	N/A	429,890	3,793,669	X	N/A	N/A	N/A	N/A
SAN JUAN MDWCA	SAN MIGUEL	\$42.53	N/A	67	N/A	N/A	N/A	N/A	N/A	381,100	4,099,900	X	N/A	N/A	N/A	N/A
SAN MIGUEL DEL VADO MDWCA	SAN MIGUEL	\$42.53	\$42.53	32	2	N/A	N/A	N/A	N/A	87,810	885,240	X	N/A	N/A	N/A	N/A
SAN PABLO MDWCA	DONA ANA	\$22.30	\$22.30	190	N/A	\$44.12	\$44.12	174	N/A	N/A	N/A	X	N/A	N/A	N/A	N/A
SIERRA VISTA MUTUAL DOMESTIC ASSOC.	BERNALILLO	\$76.37	N/A	132	N/A	N/A	N/A	N/A	N/A	1,403,300	13,070,400	X	N/A	N/A	N/A	N/A
SOUTH HOLMAN MDWCA	MORA	\$55.44	N/A	38	N/A	N/A	N/A	N/A	N/A	37,940	422,480	X	N/A	N/A	N/A	N/A
SOUTH SAN YSIDRO MDWCA	SAN MIGUEL	\$42.53	\$42.53	23	1	N/A	N/A	N/A	N/A	123,500	1,148,000	X	N/A	N/A	N/A	N/A
TECOLOTITO MDWCA	SAN MIGUEL	\$35.00	N/A	114	N/A	N/A	N/A	N/A	N/A	841,300	7,525,200	X	N/A	N/A	N/A	N/A
TESUQUE MDWCA	SANTA FE	\$38.00	\$138.00	99	4	N/A	N/A	N/A	N/A	716,873	6,269,381	X	N/A	N/A	N/A	N/A
THOREAU WATER & SANITATION DIST.	MCKINLEY	\$30.48	\$30.48	355	15	\$16.04	\$16.04	350	20	2,867,800	32,695,190	X	N/A	N/A	N/A	N/A
TIERRA MONTE WATER USERS ASSOC.	BERNALILLO	\$107.00	N/A	32	N/A	N/A	N/A	N/A	N/A	148,577	1,598,751	X	N/A	N/A	N/A	N/A

NMED Drinking Water Bureau
2015 Local Government Water and Wastewater User Charge Survey for December 2014 Rates

2015 Local Government Owned WATER AND SEWER RATE SURVEY - DEC. 2014 RATES; N/A = Not Applicable or Not Reported

AWWA WATER AUDIT INFORMATION

Local Govt. Owned Public Water Systems	COUNTY	RESIDENTIAL 6000 GAL WATER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL WATER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL WATER CONNECTIONS	NUMBER OF COMMERCIAL WATER CONNECTIONS	RESIDENTIAL 6000 GAL SEWER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL SEWER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL SEWER CONNECTIONS	NUMBER OF COMMERCIAL SEWER CONNECTIONS	MONTHLY WATER PRODUCTION FOR JULY 2013 (gallons)	TOTAL ANNUAL WATER PRODUCTION 2013 (gallons)	Did Not Complete water audit	Apparent Losses MG/YR	Real Losses MG/YR	Non- revenue water MG/YR	Data Validity Score (out of 100)
TIMBERON WATER AND SAN DIST.	OTERO	\$59.60	\$59.60	700	9	N/A	N/A	N/A	N/A	884,589	8,336,004	X	N/A	N/A	N/A	N/A
TRES PIEDRAS MDWCA	TAOS	\$74.00	\$74.00	80	N/A	N/A	N/A	N/A	N/A	456,000	4,195,410	X	N/A	N/A	N/A	N/A
TYRONE MDWCA	GRANT	\$42.00	\$42.00	20	5	N/A	N/A	N/A	N/A	179,000	2,409,300	X	N/A	N/A	N/A	N/A
UPPER LA PLATA WATER USERS ASSOC.	SAN JUAN	\$48.70	\$48.70	744	10	N/A	N/A	N/A	N/A	N/A	N/A	X	N/A	N/A	N/A	N/A
VILLANUEVA MDWCA	SAN MIGUEL	\$42.53	\$42.53	105	5	N/A	N/A	N/A	N/A	391,912	2,869,616	X	N/A	N/A	N/A	N/A
WHITE CLIFFS MDWUA	MCKINLEY	\$34.00	\$34.00	68	1	\$28.00	\$28.00	70	1	N/A	N/A	X	N/A	N/A	N/A	N/A
WINTERHAVEN MDWC AND SWA	DONA ANA	\$35.00	N/A	52	N/A	\$40.00	N/A	60	N/A	634,128	5,039,155	X	N/A	N/A	N/A	N/A
YAH TA HEY W & SD	MCKINLEY	\$15.40	N/A	127	N/A	\$15.00	N/A	127	N/A	690,737	7,666,278	X	N/A	N/A	N/A	N/A
Average		\$44.37	\$49.22	327	17	\$30.30	\$30.80	287	8	3,808,429	31,753,946					
Minimum		\$10.00	\$8.00	15	0	\$15.00	\$16.04	60	1	18,750	168,450					
Maximum		\$560.00	\$155.00	5,178	61	\$44.12	\$44.12	350	20	71,436,774	603,687,557					
Median		\$35.00	\$42.27	93	4	\$28.00	\$28.00	172	6	456,300	4,966,504					

LRGPWWA

Current Rates based on 6,000 gallons

Water		Sewer
Residential	\$33.82	\$22.50
Small Commercial	\$45.95	\$27.75
Commercial	\$71.67	\$27.75

December 2014

Water		Sewer
Residential	\$23.10	\$22.50
Small Commercial	\$31.35	\$27.75
Commercial	\$48.95	\$27.75

NMED Drinking Water Bureau
2015 Private Owned Water and Wastewater User Charge Survey for December 2014 Rates

2015 Private Owned WATER AND SEWER RATE SURVEY - DEC. 2014 RATES; N/A = Not Applicable or Not Reported N/C = No Charge for Water or Included in Rent / Lot Fee

AWWA WATER AUDIT INFORMATION

PRIVATELY OWNED PUBLIC WATER SYSTEM	COUNTY	RESIDENTIAL 6000 GAL WATER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL WATER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL WATER CONNECTIONS	NUMBER OF COMMERCIAL WATER CONNECTIONS	RESIDENTIAL 6000 GAL SEWER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL SEWER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL SEWER CONNECTIONS	NUMBER OF COMMERCIAL SEWER CONNECTIONS	MONTHLY WATER PRODUCTION FOR JULY 2014 (gallons)	TOTAL ANNUAL WATER PRODUCTION 2014 (gallons)	Did Not Complete a water audit	Apparent Losses MG/YR	Real Losses MG/YR	Non- revenue water MG/YR	Data Validity Score (out of 100)
ALTO NORTH WATER COOP	LINCOLN	\$45.00	\$50.00	45	5	N/A	N/A	N/A	N/A	199,800	2,927,600	X	N/A	N/A	N/A	N/A
ARTESIA RURAL WATER COOPERATIVE	EDDY	\$33.00	\$60.00	694	35	N/A	N/A	N/A	N/A	12,494,000	119,006,000	N/A	N/A	N/A	N/A	N/A
BOLES ACRES WATER SYSTEM	OTERO	\$49.60	N/A	280	N/A	N/A	N/A	N/A	N/A	3,607,400	26,128,260	X	N/A	N/A	N/A	N/A
CAPROCK WATER COMPANY	EDDY	\$30.20	\$32.86	80	21	N/A	N/A	N/A	N/A	3,719,184	35,785,680	X	N/A	N/A	N/A	N/A
CBG WATER COMPANY	DONA ANA	\$24.20	\$24.20	417	5	N/A	N/A	N/A	N/A	9,566,200	64,172,000	X	N/A	N/A	N/A	N/A
CDS RAINMAKERS UTIL LLC RANCHO RUIDOSO	LINCOLN	\$35.50	\$66.30	350	4	\$35.00	\$35.00	310	2	7,805,200	74,689,600	X	N/A	N/A	N/A	N/A
CEDAR CREEK WATER COOPERATIVE INC	SANDOVAL	\$40.00	N/A	47	N/A	N/A	N/A	N/A	N/A	287,440	2,301,260	X	N/A	N/A	N/A	N/A
DESERT PALMS MOBILE HOME PARK	BERNALILLO	N/C	N/C	72	72	N/A	N/A	72	72	1,047,700	5,857,800	X	N/A	N/A	N/A	N/A
EL RANCHO MOBILE HOME PARK SANTA FE	SANTA FE	N/C	N/A	17	N/A	N/A	N/A	N/A	N/A	90,000	1,080,000	X	N/A	N/A	N/A	N/A
ENTRANOSA WATER AND WASTEWATER COOP	BERNALILLO	\$45.14	\$45.14	3,180	43	N/A	N/A	N/A	N/A	61,142,000	445,403,000	X	N/A	N/A	N/A	N/A
GREEN ACRES MOBILE HOME VILLAGE	BERNALILLO	N/A	N/A	83	N/A	\$18.00	N/A	83	N/A	1,137,000	6,517,400	X	N/A	N/A	N/A	N/A
HACIENDA ACRES WATER SYSTEM	DONA ANA	\$23.03	\$44.20	1108	N/A	N/A	N/A	N/A	N/A	21,972,185	145,390,847	X	N/A	N/A	N/A	N/A
HAPPY VALLEY COOPERATIVE WATER WORKS	EDDY	\$26.56	\$42.84	N/A	N/A	N/A	N/A	N/A	N/A	3,195,621	24,916,881	X	N/A	N/A	N/A	N/A
HOFHEINS/MARCEL THOMAS ASSOC COOP INC	SANDOVAL	\$42.00	N/A	30	N/A	N/A	N/A	N/A	N/A	175,370	2,082,920	X	N/A	N/A	N/A	N/A
HOMESTEAD LANDOWNERS ASSOCIATION	CATRON	\$96.75	N/A	67	N/A	N/A	N/A	N/A	N/A	97,387	N/A	X	N/A	N/A	N/A	N/A
HYDRO PURE TECHNOLOGY INC. (Bulk Sales)	SAN JUAN	\$120.00	\$120.00	N/A	N/A	N/A	N/A	N/A	N/A	670,500	6,983,500	X	N/A	N/A	N/A	N/A
LA LOMITA TRAILER PARK	TAOS	N/C	N/C	28	N/A	N/A	N/A	N/A	N/A	181,460	2,250,200	X	N/A	N/A	N/A	N/A
LA MESA VILLA MOBILE HOME PARK, LLC	BERNALILLO	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	34,280	360,325	X	N/A	N/A	N/A	N/A
LA MESA WATER COOP	SANDOVAL	\$41.75	N/A	326	N/A	N/A	N/A	N/A	N/A	3,206,833	26,593,261	X	N/A	N/A	N/A	N/A
LA VISTA HOMEOWNERS ASSOCIATION	SANTA FE	N/C	N/A	17	N/A	N/A	N/A	N/A	N/A	175,900	1,308,600	X	N/A	N/A	N/A	N/A
LAS ALTURAS ESTATES	DONA ANA	\$21.11	\$44.20	231	NA	N/A	N/A	N/A	N/A	6,687,646	45,270,327	X	N/A	N/A	N/A	N/A
LAS CAMPANAS WATER SYSTEM	SANTA FE	\$50.00	\$50.00	600	87	\$65.00	\$30.00	789	6	N/A	N/A	X	N/A	N/A	N/A	N/A
LOMA GRANDE ESTATES WATER ASSOCIATION	LINCOLN	\$40.00	N/A	40	N/A	N/A	N/A	N/A	N/A	143,620	1,784,350	X	N/A	N/A	N/A	N/A
MESILLA PARK MANOR WATER SYSTEM	DONA ANA	\$20.81	\$44.20	267	N/A	N/A	N/A	N/A	N/A	7,617,649	54,167,218	X	N/A	N/A	N/A	N/A
MORWEST CORPORATION	LEA	\$10.00	\$31.46	80	1	N/A	N/A	N/A	N/A	15,482,586	147,441,000	X	N/A	N/A	N/A	N/A
OVERLOOK WATER CO-OP INC	SANDOVAL	\$30.00	N/A	57	N/A	N/A	N/A	N/A	N/A	441,930	4,058,500	X	N/A	N/A	N/A	N/A
PHILMONT BOY SCOUT RANCH - HEADQUARTERS	COLFAX	N/C	N/A	1	N/A	N/A	N/A	N/A	N/A	5,565,420	31,678,480	X	N/A	N/A	N/A	N/A
PLACITAS WEST WATER CO-OP	SANDOVAL	\$31.95	N/A	39	N/A	N/A	N/A	N/A	N/A	252,000	4,517,100	X	N/A	N/A	N/A	N/A
POJOAQUE TERRACES MHP	SANTA FE	\$76.00	N/A	64	N/A	\$75.00	N/A	64	N/A	372,000	4,472,600	X	N/A	N/A	N/A	N/A
QUEMADO LAKE WATER ASSOCIATION	CATRON	\$4.00	N/A	155	N/A	N/A	N/A	N/A	N/A	886,063	2,128,528	X	N/A	N/A	N/A	N/A
RAD WATER USERS COOP	QUAY	\$73.60	\$73.60	280	5	N/A	N/A	N/A	N/A	1,524,000	14,667,000	X	N/A	N/A	N/A	N/A
RANCHO GRANDE WATER ASSOCIATION INC	CATRON	\$29.37	\$35.09	84	N/A	N/A	N/A	N/A	N/A	2,261,600	2,282,400	X	N/A	N/A	N/A	N/A
RINCON WATER CONSUMERS CO-OP	DONA ANA	\$26.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4,079,100	35,769,200	X	N/A	N/A	N/A	N/A
RIO DEL ORO WATER SYSTEM	VALENCIA	\$29.55	\$46.95	1,117	9	\$61.00	\$61.00	117	9	11,716,000	108,543,000	X	N/A	N/A	N/A	N/A
ROBINHOOD WATER USERS ASSOCIATION	OTERO	\$57.43	N/A	154	N/A	N/A	N/A	N/A	N/A	752,000	8,867,914	X	N/A	N/A	N/A	N/A
ROOSEVELT COUNTY WUA	ROOSEVELT	\$51.96	N/A	1,450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	N/A	N/A	N/A	N/A
ROSA JOINT VENTURES WATER SYSTEM	SAN JUAN	\$77.00	N/A	70	N/A	\$15.00	N/A	70	N/A	202,120	19,468,602	X	N/A	N/A	N/A	N/A
SAN ANDRES ESTATES WATER SYSTEM	DONA ANA	\$20.81	\$44.20	284	N/A	N/A	N/A	N/A	N/A	6,072,227	41,686,614	X	N/A	N/A	N/A	N/A
SOUTH HILLS WATER COMPANY	BERNALILLO	\$41.72	N/A	188	N/A	\$43.22	N/A	58	N/A	1,853,000	18,647,000	X	N/A	N/A	N/A	N/A

2015 Water and Sewer Rate Survey Results, Based on Dec. 2014 Rates
Please Call (505) 476-8620 to report any Rate Survey informational errors
 Public Water Systems serve 15 connections or 25 people.

NMED Drinking Water Bureau
2015 Private Owned Water and Wastewater User Charge Survey for December 2014 Rates

2015 Private Owned WATER AND SEWER RATE SURVEY - DEC. 2014 RATES; N/A = Not Applicable or Not Reported N/C = No Charge for Water or Included in Rent / Lot Fee

AWWA WATER AUDIT INFORMATION

PRIVATELY OWNED PUBLIC WATER SYSTEM	COUNTY	RESIDENTIAL 6000 GAL WATER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL WATER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL WATER CONNECTIONS	NUMBER OF COMMERCIAL WATER CONNECTIONS	RESIDENTIAL 6000 GAL SEWER RATE/MONTH DEC 2014	COMMERCIAL 6000 GAL SEWER RATE/MONTH DEC 2014	NUMBER OF RESIDENTIAL SEWER CONNECTIONS	NUMBER OF COMMERCIAL SEWER CONNECTIONS	MONTHLY WATER PRODUCTION FOR JULY 2014 (gallons)	TOTAL ANNUAL WATER PRODUCTION 2014 (gallons)	Did Not Complete a water audit	Apparent Losses MG/YR	Real Losses MG/YR	Non- revenue water MG/YR	Data Validity Score (out of 100)
SUN VALLEY WATER AND SANITATION DISTRICT	LINCOLN	\$72.66	\$64.87	193	4	N/A	N/A	N/A	N/A	562,360	4,733,890	X	N/A	N/A	N/A	N/A
TIJERAS WATER COOPERATIVE	BERNALILLO	\$44.00	\$68.00	53	1	N/A	N/A	N/A	N/A	316,100	2,131,400	X	N/A	N/A	N/A	N/A
TRIPLE J MHP	LEA	N/C	N/A	62	N/A	N/C	N/A	62	0	548,217	8,824,680	X	N/A	N/A	N/A	N/A
TURQUOISE ESTATES WATER COOP	CURRY	\$17.50	N/A	60	N/A	N/A	N/A	N/A	N/A	478,690	4,602,540	X	N/A	N/A	N/A	N/A
UNIVERSITY ESTATES WATER SYSTEM	DONA ANA	\$21.11	\$44.20	236	N/A	N/A	N/A	N/A	N/A	5,544,612	39,221,941	X	N/A	N/A	N/A	N/A
VALLE ESCONDIDO HOMEOWNERS ASSOCIATION	TAOS	Not Metered	N/A	145	N/A	N/A	N/A	N/A	N/A	931,048	6,866,210	X	N/A	N/A	N/A	N/A
VISTA DE ORO DE PLACITAS WATER USERS COO	SANDOVAL	\$49.33	N/A	49	N/A	N/A	N/A	N/A	N/A	348,228	2,198,934	X	N/A	N/A	N/A	N/A
WHITES CITY WATER SYSTEM	EDDY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6,134	74,635	X	N/A	N/A	N/A	N/A
Average		\$41.86	\$51.62	298	22	\$44.60	\$42.00	181	18	4,565,551	36,542,254					
Minimum		\$4.00	\$24.20	1	1	\$15.00	\$30.00	58	0	6,134	74,635					
Maximum		\$120.00	\$120.00	3,180	87	\$75.00	\$61.00	789	72	61,142,000	445,403,000					
Median		\$40.00	\$44.67	83	5	\$43.22	\$35.00	72	6	931,048	7,904,090					

LRGPWWA
Manager's Report
July 20, 2016

- Finalized business lease from NM State Land Office for the Organ Wastewater Facility-5 year lease (\$6,371.00)
- Haciendas Del Vado Subdivision received DAC approval for Zone Change (proposed Tierra Del Sol Housing Project)
- NM State Auditor approved RPC (LRGPWWA accountants) to work on correcting the Fixed Assets audit finding
- Inspection of the Valley Del Rio water system by DAC Assessor's staff-tax (exemption) purposes
- Kathi, Karen and I attended the Annual SCCOG Board of Directors meeting in Mesilla on July 8, 2016
- Karen and I attended the Colonias Board meeting on July 12, 2016 in Cloudcroft-changes to application, policies
- Karen, Mike, JJ and I toured the City of Socorro Arsenic Treatment Facilities on July 14, 2016 (proposed design of LRGPWWA Arsenic Facilities in Berino)
- Regional Transportation Consortium on July 22 (see attached flyer)
- Received the NM Government Plates for the new trucks and turned over titles to USDA Rural Development (Lien)
- Released a probationary employee for not meeting performance standards
- Employee Justin Butler passed his Water Level 2 and WW Level 2
- Individual would like for Board to consider selling old Berino Tank Site off Montana Azul Road (Nuez Court)-make it a future agenda item to commence the process if there is consensus
- Last of the programmed water rate increases took effect on July 1st
- LRGPWWA Rates compared to other Local Government (see attached spreadsheet)

**LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY
PROJECTS REPORT – 7/20/16**

Authority Construction Projects:

LRG-11-02.2 – Mesquite-Brazito Sewer Project – Bohannon Huston, Inc. – LOC-Design Stage – NMFA PG/SAP funded Planning, \$30k 2014 SAP, \$540,608 2014 CITF (10% Loan), USDA-RD Loan \$357,000 @ 3.250%, Grant \$1,194,919, Colonias Grants of \$6,356,474 & \$119,407: Area mapping for phase 1 is underway and to be delivered in July. Preliminary design and land acquisition activities are underway, and are focusing on the lift station sites to identify property that can be acquired. All collection pipelines and further easements will be identified from those final locations. Preliminary Design for 30% deliverable by end of August is planned for participation in public meeting.

LRG-11-03 – Interconnect & Looping Project – see 12-01 Authority PER

LRG-11-04 – Berino/ Mesquite-Del Cerro Water System Project WTB #223 – Vencor – Construction Stage - Smithco – RD - \$5,420,147/WTB - \$4,371,630: Negotiations are on-going with SmithCo Construction for construction of Southern Roads off of Joy Drive.

LRG-11-05 – Berino Water Treatment Plant WTB #252– Bohannon Huston - Design stage - \$750,000 WTB – 10% Loan 10% Match: 60% Preliminary Design for well, treatment and tank to be completed by July 15th. Hydraulic model is complete with technical memo describing pressure zones and revised operations. Toured two arsenic treatment facilities in Socorro on 7/14/16 with CDM Smith engineers, GM, OM & JJ. BHI contract is on today's agenda.

LRG-12-01 – Authority Water System Improvements PER 2013 – Vencor – Planning Stage - CDBG Planning Grant \$50,000, NMFA Planning Grant \$37,500 & \$12,500 Local Match: PER is complete, planning grants have both closed.

Forty-Year Water Plan – CE&M – complete – needs update for new mergers: pending NM-OSE comments/approval.

LRG-13-02 – System-wide Information Technology Standardization - Software - \$175,000 NM STB – Tyler Technologies: Sixteen requisitions have been submitted to NMED-CPB and paid. Project funds are fully expended. Project is being closed out and will be removed from this report.

LRG-15-01 – System-wide Information Technology Standardization - SCADA - \$130,000 NM SAP & \$90,000 NM SAP – Molzen Corbin: Molzen Corbin has prepared and sent the Project Manual to NMED-CPB for review. Project will be ready to bid once the 2016 SAP funds are secured.

LRG-13-03 – Valle Del Rio Water System Project – RFP/Planning/Design Stage - \$1,197,708 DWSRLF funding - \$898,281 principal forgiveness – 299,427 loan repayment – Souder, Miller & Associates: Preliminary Engineering Report review comments were received from NMED Construction Programs Bureau on July 13, 2016. SMA will address comments received from Lower Rio Grande PWWA and NMED CPB concurrently. SMA is currently working on the grading and site design for the water tank site.

LRG-13-01 – Brazito Water System Improvements – Souder, Miller & Associates. – Construction Phase - Western Building & Development - \$523,354 NM CITF Grant, \$58,150 Loan, \$58,150 Match Requirement, 2014 CITF \$157,986 (10% loan): The contractor was sent closeout documents to be completed on June 30, 2016 along with instructions to complete (3) remaining items from the punch list that includes: Raise concrete collar for gate valve at the intersection of Estrellita and Calle De Brazito, rework gravel settling at 247 East Organ and delivery of post construction video.

LRG-14-01 – Waterline Extension Project (incl. Veterans Road) – Design/Build - \$882,430 CITF incl. 10% Loan – Parkhill, Smith & Cooper - March 2016 Progress: June 2016 Progress: NM DOT utility permit application for NM Hwy 28 submitted. DAC Utility Permit prepared for LRGPWWA submission. Finalized easement documentation. 100% Designs, Specs, OPC submitted to LRGPWWA for Joy Drive Replacements. EBID Land Use Permits Approved for Berino Area Extensions. Issuance pending payment of associated land use fees. Planned Activities for July 2016: Submit NM DOT utility permit application for NM Hwy 28. Prepare DAC Utility Permits for LRGPWWA submission. Continue easement processing, attain property owner signatures. Direction from LRGPWWA on Joy Drive Replacements as Change Order to Current Smithco contract or independent project. Submittal of EBID Land Use Permit for Joy Drive Replacements.

Other projects:

USDA-RD Community Facilities Grant/Loan for Vehicle Purchase – LOC - \$46,600 Grant/\$103,400 Loan: All trucks have been purchased. LRGPWWA contribution to this project was \$6,609.32 in addition to the \$150,000 RD funding. RD needed us to leave \$100 in loan funds in place with the second requisition in order to give them time to finish processing on their end. Final \$100 requisition has been processed. Project is complete and will come off this report.

Infrastructure Capital Improvements Plan 2018-2022: ICIP and resolution have been submitted to NM-DFA-LGD. Their comments have been received and plan has been updated.

Documents Retention & Destruction – Sorting of old association documents for storage or destruction is ongoing, and staff is implementing approved retention/destruction schedules for LRGPWWA documents. One bin was shredded in July. GM will be bringing documents from the East Mesa for sorting next.

Website and Email – Notices and Board Minutes pages are current. Other updates are ongoing.

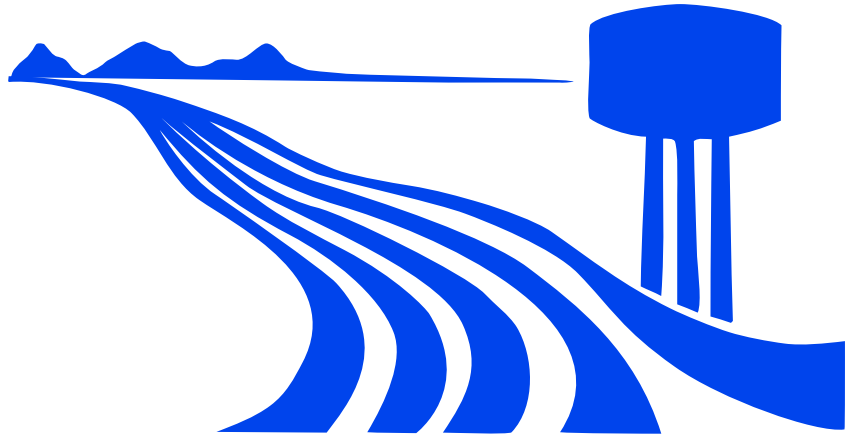
Training –Liza and I participated in webinars on energy audits and on presentations about water.

Lower Rio Grande Water Users Organization – nothing to report

EBID Surface Water Plant: - NMED-DWB approval has been received, met with EBID on 4/18/16. NMED-DWB is providing technical assistance from DB Stephens for Source Water Protection Plan that is a condition of their approval.

Source Water Protection Plan: Met with Luis Marmolejo, John Gwynne and Lee Galt at Dona Ana County about the plan on 7/13/16. Comment period on the Draft Plan ends 7/21/16, and I will forward comments to DB Stephens. Final plan will be presented at the August 20th board meeting.

2017 Legislature: Rick Martinez reported that our bill will be on the agenda for the Water & Natural Resources Committee meeting to be held September 29-30 in Socorro and the NMFA Oversight Committee in Anthony on Sept 20-21. The Regional Authorities bill will be on the same agenda, and he will try to get ours heard first since it is much smaller in scope. He met with Representative Gomez and Senator Cervantes in Taos last Tuesday to discuss.



LOWER RIO GRANDE
Public Water Works Authority
575-233-5742
LRG 27

This is a 24-Hour On-Call Vehicle

Lower Rio Grande PWWA

Operators Report

July 20, 2016

System Problems and Repairs.

- Backflow inspections are current.(Mesquite District)
- The wetlands project continues.
- We have not had a lot of over time on the weekends, Thank God.
- The well Techs are getting El Centro Well #3 ready for a new Gas chlorine system.
- We are still learning the new Tyler billing system, so I can't tell the board how many Work orders we have been issued.
- The distribution crew found a closed valve on the east side of the Texaco Truck Stop.
- We had 5 new services for the month of June.
- All of the new trucks have been labeled with blue vinyl.
- The well Techs are going to paint the floors and walls of Well #2 East Mesa.
- We have placed an order to install a new pump control, and check valve for Well #EM 4 arroyo.

NMED: All of our Monthly Bac-T-Samples were taken for the month of June and all samples were negative.

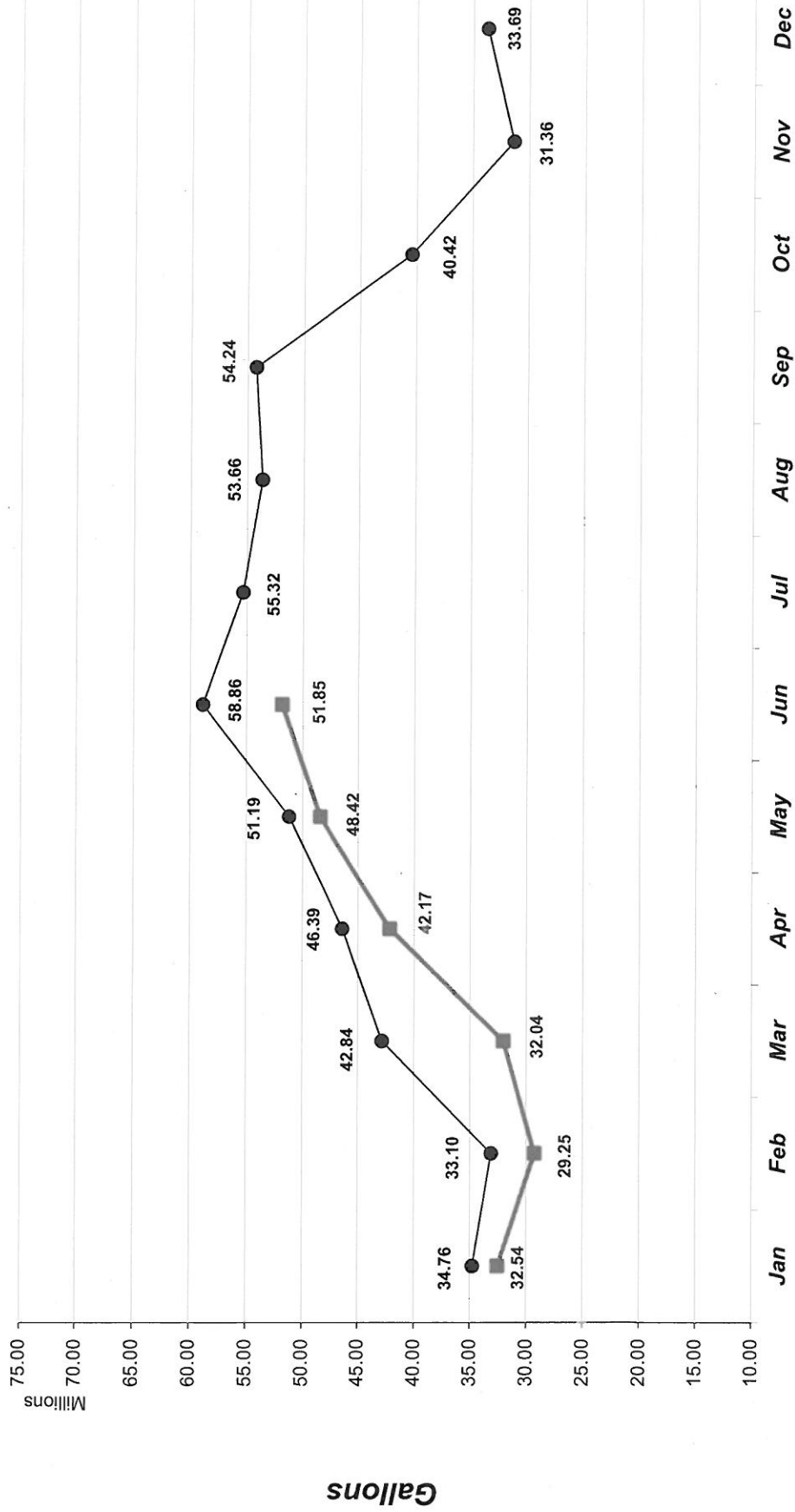
Mesquite district Wetlands: Demo continues.

Mesquite Sewer Report. Sent

Chlorine: No problems.

Reports: NMED, State Engineers, and the water conservation reports have been sent.

Lower Rio Grande PWWA Water Production Report



● 2015 Production ■ 2016 Production



LOWER RIO GRANDE Public Water Works Authority

325 Holguin Road

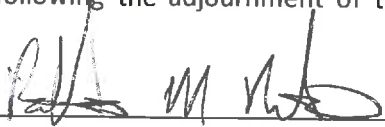
Vado, New Mexico 88072

(575) 233-5742

www.LRGauthority.org

Resignation From The Office of Board Chairperson

I, Roberto M. Nieto, hereby resign from the office of Chairperson of the Lower Rio Grande Public Water Works Authority Board of Directors effective immediately following the adjournment of the regular monthly board meeting on Wednesday, July 20, 2016.



Roberto M. Nieto

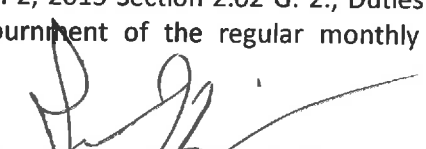
Attest:



Alma Boothe, Secretary


Assumption of the Office of Board Chairperson

I, John Holguin, as Vice-Chairperson of the Lower Rio Grande Public Water Works Authority Board of Directors, hereby assume the office of Chairperson pursuant to the Lower Rio Grande Public Water Works Authority Governance Document as amended on April 2, 2013 Section 2.02 G. 2., Duties of the Vice-Chairperson, effective immediately following the adjournment of the regular monthly board meeting on Wednesday, July 20, 2016.

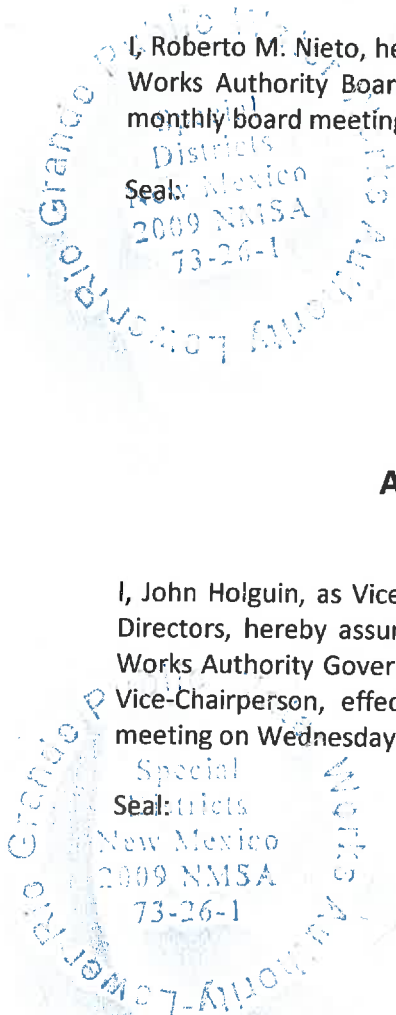


John Holguin

Attest:



Alma Boothe, Secretary



RESOLUTION NO. FY-2017-03

APPROVING PARTICIPATION IN THE PROGRAM OF THE
SOUTH CENTRAL COUNCIL OF GOVERNMENTS, INC.
FOR FISCAL YEAR 2016-2017

WHEREAS, the Lower Rio Grande PWWA, (herein-after known as the "Member"), desires to be a participating member in the program and policy development for the South Central Council of governments, Inc. (hereinafter known as "SCCOG"); and

WHEREAS, it is necessary and desirable that an agreement setting forth the services to be performed by the SCCOG for the Member be entered into, wherewith the SCCOG is agreeing to furnish the following:

- A. Implement the work program as established by the SCCOG Board of Directors for the 2016-2017 Fiscal Year.
- B. Provide the Member, when requested, with technical, grant program planning, economic development, strategic overall planning and management assistance.
- C. Address problems, issues and opportunities of a regional nature which go beyond single municipal or county jurisdictional boundaries and serve as a liaison and advocate for local governments within the region at the state and federal levels.
- D. Provide information dissemination about statewide regional and community initiatives to foster greater coordination and efficiency of the programs.

WHEREAS, it is necessary to set forth the sum to be paid by the Member to the SCCOG as annual dues, thereby placing the Member with voting powers on the SCCOG Board of Directors, with an agreement to furnish the following:

- A. To participate, through their designated representatives or alternate, in the SCCOG's policy development process by attending meetings, helping formulate the annual work program, reviewing the SCCOG Goals and Objectives, and the District Comprehensive Economic Development Strategy (CEDS).
- B. To pay to the SCCOG the sum of \$500.00 annual membership dues as payment of the aforementioned services for the period beginning July 1, 2016 and ending June 30, 2017.
- C. The Member hereby appoints KATHI JACKSON as their designated representative and John Holguin as alternate.

NOW THEREFORE, BE IT RESOLVED THAT the Member and the SCCOG hereby mutually agree to the aforementioned provisions of this Resolution and Agreement.

DONE this 20 day of July, 2016 at UADO, New Mexico.

Attestation:

[Signature]
Clerk, or other Authorized Official

Member Government

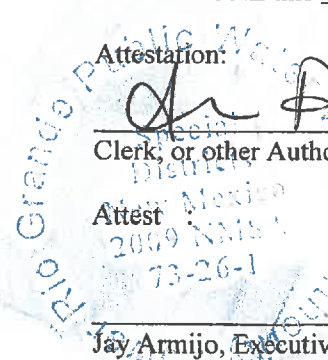
[Signature]
Signature of Authorized Official

Attest

Jay Armijo, Executive Director

South Central Council of Governments, Inc.

Chairwoman, Nora Barraza



SECOND AMENDMENT AGREEMENT

dated

August 26, 2016

by and among the

NEW MEXICO WATER TRUST BOARD
AND THE
NEW MEXICO FINANCE AUTHORITY

and the

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY

TO CHANGE SCOPE OF PROJECT AND EXTEND EXPENDITURE PERIOD RELATED TO
THE WATER PROJECT FUND LOAN/GRANT AGREEMENT DATED
DECEMBER 21, 2012,
AS AMENDED BY THE FIRST AMENDMENT DATED AUGUST 23, 2013

SECOND AMENDMENT AGREEMENT
TO CHANGE SCOPE OF PROJECT AND EXTEND EXPENDITURE PERIOD
RELATED TO WATER PROJECT FUND
LOAN/GRANT AGREEMENT DATED DECEMBER 21, 2012,
AS AMENDED BY THE FIRST AMENDMENT DATED AUGUST 23, 2013

THIS SECOND AMENDMENT AGREEMENT DATED AUGUST 26, 2016 TO CHANGE SCOPE OF PROJECT AND EXTEND EXPENDITURE PERIOD RELATED TO WATER BOARD LOAN/GRANT AGREEMENT DATED DECEMBER 21, 2012, AS AMENDED BY THE FIRST AMENDMENT DATED AUGUST 23, 2013 (this "Second Amendment Agreement") is entered into by and among the NEW MEXICO WATER TRUST BOARD and the NEW MEXICO FINANCE AUTHORITY (collectively, the "Lenders/Grantors"), and the LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY (the "Borrower/Grantee"), a political subdivision duly organized and existing under the laws of the State of New Mexico (the "State").

Capitalized terms used herein shall have the same meaning assigned to them in the Water Project Fund Loan/Grant Agreement dated December 21, 2012 (the "Original Loan/Grant Agreement"), as amended by the First Amendment dated August 23, 2013 (the "First Amendment Agreement" and together with the Original Loan/Grant Agreement, the "Loan/Grant Agreement"), both among the Lenders/Grantors and the Borrower/Grantee, except as otherwise defined below.

W I T N E S S E T H:

WHEREAS, the Governing Body adopted Resolution No. FY2013-06 on November 14, 2012 (the "Original Resolution") authorizing, approving and directing the Borrower/Grantee to execute the Original Loan/Grant Agreement to borrow \$750,000 from the Lenders/Grantors for the purpose of financing the costs of final planning and design of a proposed surface water treatment facility for the Borrower/Grantee (the "Original Project"); and

WHEREAS, the Governing Body adopted Resolution No. FY2014-01 on July 17, 2013 (the "First Amendment Resolution") authorizing, approving and directing the Borrower/Grantee to execute the First Amendment Agreement with the Lenders/Grantors for the purpose of financing the costs of the planning and design phases of a proposed surface water and brackish groundwater treatment facility for the Borrower/Grantee (the "First Amendment Project"); and

WHEREAS, pursuant to the Act, the Borrower/Grantee and the Lenders/Grantors entered into the Loan/Grant Agreement, payable from Pledged Revenues (the "Loan"); and

WHEREAS, there are approximately \$492,185.78 of Proceeds remaining (the "Unspent Proceeds") as of the date of this Second Amendment Agreement; and

WHEREAS, additional planning and design criteria for the First Amendment Project were required by the New Mexico Environment Department (the "NMED") and a Preliminary Engineering Report ("PER") Addendum was required before the First Amendment Project could be designed; and

WHEREAS, the PER Addendum has been received and recommends using conventional wells as the long-term source of supply; and

WHEREAS, this Second Amendment Agreement does not affect the terms of payment of the Loan Amount component of the Loan/Grant Agreement; and

WHEREAS, the Borrower/Grantee has determined that it is in the best interests of the Borrower/Grantee and its residents that the Loan/Grant Agreement be further amended to provide that the proceeds of the Loan/Grant Agreement may also be used to provide funding for the design of groundwater wells, treatment and storage for the Borrower/Grantee (the “Second Amendment Project”) and to extend the time for expenditure of proceeds of the Loan/Grant Agreement; and

WHEREAS, the Borrower/Grantee has adopted Resolution No. [FY2017-04](#) on July 20, 2016 which authorizes this Second Amendment Agreement amending the Loan/Grant Agreement to provide funding for either the First Amendment Project or the Second Amendment Project and to extend the time for expenditure of the Unspent Proceeds; and

WHEREAS, the Borrower/Grantee now anticipates that the project can be completed and the Unspent Proceeds can be expended by June 21, 2017; and

WHEREAS, at its duly called regular meeting on December 2, 2015, the Water Trust Board authorized the amendment of the Loan/Grant Agreement as provided herein; and

WHEREAS, by the signature of its Authorized Officer, the New Mexico Finance Authority consents to the amendment of the Loan/Grant Agreement as provided herein; and

WHEREAS, the Borrower/Grantee by all necessary and appropriate action of its officers and Governing Body has authorized this Second Amendment Agreement as provided herein; and

WHEREAS, the Governing Body of the Borrower/Grantee intends that the provisions of the Loan/Grant Agreement shall govern the use and expenditure of the Unspent Proceeds, including all provisions relating to the payment of Loan/Grant Agreement Payments, the pledge of the Pledged Revenues, and all covenants, warranties and certifications contained in the documents relating to the Loan (“Loan No. 252-WTB Loan Documents”).

NOW, THEREFORE, for and in consideration of the premises and the mutual promises and covenants herein contained pursuant to Section 11.4 of the Original Loan/Grant Agreement, the parties hereto agree:

ARTICLE I
SECOND AMENDMENT TO LOAN/GRANT AGREEMENT

Section 1.1 Second Amendment Project. The Project is amended to include the Second Amendment Project and the First Amendment Project. The Second Amendment Project is infrastructure development in accordance with the Act consisting of improvement to a water

system in order to increase water supply, but does not include general operation and maintenance, equipment, housing allowance payments or mortgage subsidies, and shall include such other related work and revisions necessary to complete the Second Amendment Project.

Section 1.2 Use of Proceeds. On and after the Amendment Closing Date, the Unspent Proceeds of the Loan/Grant Agreement shall be used for either the Second Amendment Project or the First Amendment Project.

Section 1.3 Extension of Loan/Grant Agreement. The parties agree that the time for the Borrower/Grantee to expend the Unspent Proceeds under the Loan/Grant Agreement shall be extended from December 21, 2015 to June 21, 2017.

Section 1.4 Amendment to Requisition Form. On and after the Amendment Closing Date, the Lenders/Grantors shall disburse moneys from the Project Account upon receipt of a requisition substantially in the form of Exhibit "A" attached hereto signed by an Authorized Officer of the Borrower/Grantee.

ARTICLE II APPLICABILITY OF LOAN NO. 252-WTB LOAN DOCUMENTS

The Borrower/Grantee expressly agrees that all covenants, warranties and certifications contained in the Loan No. 252-WTB Loan Documents shall be effective in their entirety with respect to the Unspent Proceeds and that the Unspent Proceeds shall be used and expended within the terms of the Loan No. 252-WTB Loan Documents.

ARTICLE III SEVERABILITY

In the event that any provision of this Second Amendment Agreement or any provision of the Loan/Grant Agreement as hereby amended should be held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision hereof or of the Loan/Grant Agreement.

ARTICLE IV EXECUTION IN COUNTERPARTS

This Second Amendment Agreement may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

ARTICLE V APPLICABLE LAW

This Second Amendment Agreement shall be governed by and construed in accordance with the laws of the State.

ARTICLE VI
CAPTIONS

The captions or headings herein are for convenience only and in no way define, limit or describe the scope or intent of any provisions or sections of this Second Amendment Agreement.

[Remainder of page left intentionally blank]

[Signature pages follow]

IN WITNESS WHEREOF, the New Mexico Water Trust Board, on behalf of itself, has executed this Second Amendment Agreement, which was approved by the New Mexico Water Trust Board on December 2, 2015, and the New Mexico Finance Authority, on behalf of itself, has consented to this Second Amendment Agreement, each in their respective corporate names by their duly authorized officers; and the Borrower/Grantee has caused this Second Amendment Agreement to be executed and attested by duly authorized officers thereof. All of the above are effective as of the date first above written.

LENDERS/GRANTORS:

NEW MEXICO FINANCE AUTHORITY

By _____
Chief Executive Officer

NEW MEXICO WATER TRUST BOARD

By _____
Chairman or Co-Chairman

PREPARED FOR EXECUTION BY OFFICERS OF THE
NEW MEXICO FINANCE AUTHORITY:

Sutin, Thayer & Browne A Professional Corporation
As Loan Counsel

By: _____
Suzanne Wood Bruckner

APPROVED FOR EXECUTION BY OFFICERS OF THE
NEW MEXICO FINANCE AUTHORITY:

By: _____
Daniel C. Opperman, General Counsel

BORROWER/GRANTEE:

LOWER RIO GRANDE PUBLIC WATER
WORKS AUTHORITY

By: _____
Roberto Nieto, Chairman

[SEAL]

ATTEST:

By: _____
Alma Boothe, Secretary

3922321.doc

EXHIBIT "A"

FORM OF REQUISITION

RE: \$750,000 Loan/Grant Agreement dated December 21, 2012, as amended by the First Amendment dated August 23, 2013 and the Second Amendment to Loan/Grant Agreement dated August 26, 2016 each by and among the New Mexico Water Trust Board and the New Mexico Finance Authority, as Lenders/Grantors, and the Lower Rio Grande Public Water Works Authority (collectively, the "Amended Loan/Grant Agreement").

Loan Grant No. 252-WTB

Amendment Closing Date: August 26, 2016

TO: New Mexico Finance Authority

You are hereby authorized to disburse from the Project Account – Lower Rio Grande PWWA with regard to the above-referenced Amended Loan/Grant Agreement the following:

REQUISITION NUMBER: _____

NAME AND ADDRESS OF PAYEE: _____

Lower Rio Grande Public Water Works Authority

325 Holguin Road, Vado NM 88072

WIRING INFORMATION

BANK NAME:	Citizens Bank of Las Cruces
ACCOUNT NUMBER:	#0120626501
ROUTING NUMBER:	#112201289

AMOUNT OF PAYMENT: \$ _____

PURPOSE OF PAYMENT: _____

ELIGIBLE ITEM CATEGORY (See below): _____

AMOUNT OF LOCAL MATCH EXPENDED SINCE LAST REQUISITION: \$ _____

Attach proof of expenditures for hard match (cancelled check, wire transfer receipt, and written certification of type and value of any soft match)

AMOUNT OF LOCAL MATCH EXPENDED TO DATE: \$ _____

TOTAL: \$ _____

DATED: _____

By: _____
Authorized Officer

Title: _____

Each obligation, item of cost or expense mentioned herein is for a Loan/Grant made by the Lenders/Grantors pursuant to the Act to the Borrower/Grantee within the State of New Mexico, is due and payable, has not been the subject of any previous requisition and is a proper charge against the Project Account – Lower Rio Grande PWWA. All representations contained in the Amended Loan/Grant Agreement, and the related closing documents remain true and correct and the Borrower/Grantee is not in breach of any of the covenants contained therein.

The proceeds of the Loan/Grant are to be used to pay the costs of Eligible Items, as defined in the Amended Loan/Grant Agreement. Eligible Items include (1) planning, designing, construction, improving or expanding a qualified project; (2) developing engineering feasibility reports for Qualified Projects; (3) inspecting construction of Qualified Projects; (4) providing professional services; (5) completing environmental assessments or archeological clearances and other surveys for Qualified Projects; (6) acquiring land, water rights, easements or rights of way; (7) paying legal costs and fiscal agent fees associated with development of Qualified Projects, within limits set by the Board.

All construction and all installation of equipment with proceeds of the Loan/Grant has or will be used in accordance with plans and/or specifications approved by all entities required by the Water Board and the New Mexico Finance Authority in their sole discretion to approve such plans and specifications, has or will be acquired in compliance with applicable procurement laws and regulations and has or will be inspected and approved in accordance with applicable laws and regulations.

Capitalized terms used herein, are used as defined or used in the Amended Loan/Grant Agreement.

STATE OF NEW MEXICO
COUNTY OF DONA ANA

The Board of Directors (the “Governing Body”) of the Lower Rio Grande Public Water Works Authority, met in regular session in full conformity with law and the rules and regulations of the Governing Body at [325 Holguin Road, Vado], New Mexico being the meeting place of the Governing Body for the regular meeting held on the 20th day of July, 2016, at the hour of 9:30 a.m. Upon roll call, the following members were found to be present:

Present: _____

Absent: _____

Also Present: _____

Thereupon, there was officially filed with the Secretary a copy of a proposed resolution in final form.

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY
RESOLUTION NO. FY2017-04

RELATING TO THE \$750,000 WATER PROJECT FUND LOAN/GRANT AGREEMENT DATED DECEMBER 21, 2012, AS AMENDED BY THE FIRST AMENDMENT DATED AUGUST 23, 2013, BY AND AMONG THE LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY (THE “BORROWER/GRANTEE”) AND THE NEW MEXICO WATER TRUST BOARD AND THE NEW MEXICO FINANCE AUTHORITY (COLLECTIVELY, THE “LENDERS/GRANTORS”), ENTERED INTO FOR FUNDING THE PLANNING AND DESIGN PHASES OF A PROPOSED SURFACE WATER AND BRACKISH GROUNDWATER TREATMENT FACILITY FOR THE BORROWER/GRANTEE; AUTHORIZING A SECOND AMENDMENT TO THE LOAN/GRANT AGREEMENT TO ALSO PROVIDE FUNDING FOR THE DESIGN OF GROUNDWATER WELLS, TREATMENT AND STORAGE FOR THE BORROWER/GRANTEE AND TO EXTEND THE TIME PERIOD FOR THE EXPENDITURE OF FUNDS; RATIFYING ACTIONS HERETOFORE TAKEN; REPEALING ALL ACTION INCONSISTENT WITH THIS RESOLUTION; AND AUTHORIZING THE TAKING OF OTHER ACTIONS IN CONNECTION WITH THE EXECUTION AND DELIVERY OF THE SECOND AMENDMENT TO THE LOAN/GRANT AGREEMENT.

Capitalized terms used in the following recitals have the same meaning as defined in Article 1 of the Loan/Grant Agreement unless otherwise defined in the preambles or Section 1 of this Resolution, or unless the context requires a different meaning.

WHEREAS, the Borrower/Grantee is a legally and regularly created, established, organized and existing public water works authority under the general laws of the State of New Mexico; and

WHEREAS, the Borrower/Grantee executed a Water Project Fund Loan/Grant Agreement dated December 21, 2012, with the Lenders/Grantors in the aggregate principal amount of \$750,000 (the “Original Loan/Grant Agreement”) for the purpose of financing the costs of final planning and design of a proposed Surface Water Treatment Facility for the Borrower/Grantee (the “Original Project”); and

WHEREAS, the Borrower/Grantee executed a First Amendment dated August 23, 2013 with the Lenders/Grantors (the “First Amendment Agreement” and together with the Original Loan/Grant Agreement, the “Loan/Grant Agreement”) for the purpose of financing the costs of the planning and design phases of a proposed surface water and brackish groundwater treatment facility for the Borrower/Grantee (the “First Amendment Project”); and

WHEREAS, additional planning and design criteria for the First Amendment Project were required by the New Mexico Environment Department (the “NMED”) and a Preliminary Engineering Report (“PER”) Addendum was required before the First Amendment Project could be designed; and

WHEREAS, the PER Addendum has been received and recommends using conventional wells as the long-term source of supply; and

WHEREAS, the Governing Body has determined and hereby determines that it is in the best interests of the Borrower/Grantee and its residents that the Loan/Grant Agreement be further amended to provide that the proceeds of the Loan/Grant Agreement may also be used to provide funding for the design of groundwater wells, treatment and storage for the Borrower/Grantee (the “Second Amendment Project”) and to extend the time for expenditure of proceeds of the Loan/Grant Agreement; and

WHEREAS, it is necessary and appropriate to amend the provisions of the Loan/Grant Agreement as set forth below to provide that the purpose of the Loan/Grant Agreement shall be to provide funding for either the First Amendment Project or the Second Amendment Project; and

WHEREAS, the Governing Body intends that all other provisions of the Loan/Grant Agreement remain effective.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY:

Section 1. Definitions.

“Second Amendment Agreement” means the Second Amendment to the Loan/Grant Agreement authorized by this Resolution, which Second Amendment Agreement shall be dated as of August 26, 2016.

“Resolution” means this Resolution No. [FY2017-04](#) adopted by the Governing Body on July 20, 2016 approving the Second Amendment Agreement.

Section 2. Ratification. All actions heretofore taken (not inconsistent with the provisions of this Resolution) by the Governing Body and officers of the Borrower/Grantee directed toward the execution and delivery of the Second Amendment Agreement is hereby ratified, approved and confirmed.

Section 3. Second Amendment Agreement– Authorization and Detail.

A. Authorization. This Resolution has been adopted by the affirmative vote of at least a majority of all of the members of the Governing Body. For the purpose of protecting the public health, conserving the property, protecting the general welfare and prosperity of the citizens of the Borrower/Grantee, it is hereby declared necessary that the Borrower/Grantee, pursuant to the Act, enter into the Second Amendment Agreement, and the execution and delivery of the Second Amendment Agreement is hereby authorized.

B. Detail. The Second Amendment Agreement shall be substantially in the form presented to the Governing Body at the meeting of the Governing Body at which this Resolution was adopted. The Second Amendment Agreement shall provide in substance that the Loan Proceeds shall be used for either the Second Amendment Project or the First Amendment Project and all other provisions of the Loan/Grant Agreement shall remain effective.

Section 4. Approval of Second Amendment Agreement. The form of the Second Amendment Agreement as presented at the meeting of the Governing Body at which this Resolution

was adopted is hereby approved. Authorized Officers are hereby authorized to execute, acknowledge and deliver the Second Amendment Agreement with such changes, insertions and omissions as may be approved by such Authorized Officers, and the Secretary is hereby authorized to affix the seal of the Borrower/Grantee on the Second Amendment Agreement and attest the same, and the execution of the Second Amendment Agreement by Authorized Officers shall be conclusive evidence of such approval. Authorized Officers are further authorized to execute such other documents as may be required by the Lenders/Grantors, including, without limitation, closing certificates.

Section 5. Resolution Irrepealable. After the Second Amendment Agreement has been executed and delivered, this Resolution shall be and remain irrepealable until the Loan shall be fully paid, canceled and discharged, as provided in the Loan/Grant Agreement.

Section 6. Severability Clause. If any section, paragraph, clause or provision of this Resolution shall for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this Resolution.

Section 7. Repealer Clause. All bylaws, orders, resolutions, and ordinances, or parts thereof, inconsistent herewith are hereby repealed to the extent only of such inconsistency. This repealer shall not be construed to revive any bylaw, order, resolution or ordinance, or part thereof, heretofore repealed.

Section 8. Effective Date. Upon due adoption of this Resolution, it shall be authenticated by the signatures of the Chairman and the Secretary of the Borrower/Grantee, and the title and general summary of the subject matter contained in this Resolution (set out in Section 9 below) shall be published in a newspaper which maintains an office and is of general circulation in the Borrower/Grantee, or posted in accordance with law, and said Resolution shall be in full force and effect thereafter, in accordance with law.

Section 9. General Summary for Publication. Pursuant to the general laws of the State, the title and a general summary of the subject matter contained in this Resolution shall be published in substantially the following form:

(Form of Summary of Resolution for Publication)

Lower Rio Grande Public Water Works Authority
Notice of Adoption of Resolution

Notice is hereby given of the title and of a general summary of the subject matter contained in Resolution No. [FY2017-04](#), duly adopted and approved by the Governing Body of the Lower Rio Grande Public Water Works Authority, on July 20, 2016. A complete copy of the Resolution is available for public inspection by contacting the General Manager at 325 Holguin Road, Vado, New Mexico 88072. The title of the Resolution is:

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY
RESOLUTION NO. [FY2017-04](#)

RELATING TO THE \$750,000 WATER PROJECT FUND LOAN/GRANT AGREEMENT DATED DECEMBER 21, 2012, AS AMENDED BY THE FIRST AMENDMENT DATED AUGUST 23, 2013, BY AND AMONG THE LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY (THE “BORROWER/GRANTEE”) AND THE NEW MEXICO WATER TRUST BOARD AND THE NEW MEXICO FINANCE AUTHORITY (COLLECTIVELY, THE “LENDERS/GRANTORS”), ENTERED INTO FOR FUNDING THE PLANNING AND DESIGN PHASES OF A PROPOSED SURFACE WATER AND BRACKISH GROUNDWATER TREATMENT FACILITY FOR THE BORROWER/GRANTEE; AUTHORIZING A SECOND AMENDMENT TO THE LOAN/GRANT AGREEMENT TO ALSO PROVIDE FUNDING FOR THE DESIGN OF GROUNDWATER WELLS, TREATMENT AND STORAGE FOR THE BORROWER/GRANTEE AND TO EXTEND THE TIME PERIOD FOR THE EXPENDITURE OF FUNDS; RATIFYING ACTIONS HERETOFORE TAKEN; REPEALING ALL ACTION INCONSISTENT WITH THIS RESOLUTION; AND AUTHORIZING THE TAKING OF OTHER ACTIONS IN CONNECTION WITH THE EXECUTION AND DELIVERY OF THE SECOND AMENDMENT TO THE LOAN/GRANT AGREEMENT.

A general summary of the subject matter of the Resolution is contained in its title. This notice constitutes compliance with Section 6-14-6, NMSA 1978.

(End of Form of Summary for Publication)

PASSED, APPROVED AND ADOPTED THIS 20th day of July, 2016.

LOWER RIO GRANDE PUBLIC WATER WORKS
AUTHORITY

By: _____
Roberto Nieto, Chairman

[SEAL]

ATTEST:

By: _____
Alma Boothe, Secretary

Director _____ then moved adoption of the foregoing Resolution, duly seconded by Director _____.

The motion to adopt said Resolution, upon being put to a vote, was passed and adopted on the following recorded vote:

Those Voting Aye: _____

Those Voting Nay: _____

Those Absent: _____

_____ (__) members of the Governing Body having voted in favor of said motion, the Chairman declared said motion carried and said Resolution adopted, whereupon the Chairman and the Secretary signed the Resolution upon the records of the minutes of the Governing Body.

After consideration of matters not relating to the Resolution, the meeting on the motion duly made, seconded and unanimously carried, was adjourned.

LOWER RIO GRANDE PUBLIC WATER WORKS
AUTHORITY

By: _____
Roberto Nieto, Chairman

[SEAL]

ATTEST:

By: _____
Alma Boothe, Secretary

EXHIBIT "A"

Meeting Agenda
of the July 20, 2016
Board of Directors Meeting

(See attached)

STATE OF NEW MEXICO
COUNTY OF DONA ANA

The undersigned, the duly qualified and acting Secretary of the Lower Rio Grande Public Water Works Authority (the "Borrower/Grantee"), do hereby certify:

1. The foregoing pages are a true, perfect, and complete copy of the record of the proceedings of the Board of Directors of the Lower Rio Grande Public Water Works Authority (the "Governing Body"), constituting the governing body of the Borrower/Grantee had and taken at a duly called regular meeting held at [3325 Holguin Road, Vado], New Mexico, on July 20, 2016, at the hour of 9:30 a.m., insofar as the same relate to the execution and delivery of the proposed Second Amendment Agreement, a copy of which is set forth in the official records of the proceedings of the Governing Body kept in my office. None of the action taken has been rescinded, repealed, or modified.

2. Said proceedings were duly had and taken as therein shown, the meeting therein was duly held, and the persons therein named were present at said meeting, as therein shown.

3. Notice of said meeting was given in compliance with the permitted methods of giving notice of regular meetings of the Governing Body as required by the Borrower/Grantee's open meetings standards presently in effect.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of _____, 2016.

LOWER RIO GRANDE PUBLIC WATER
WORKS AUTHORITY

By: _____
Alma Boothe, Secretary

[SEAL]



LOWER RIO GRANDE

Public Water Works Authority

325 Holguin Road

Vado, New Mexico 88072

(575) 571-3628

BULK WATER AGREEMENT

Date _____

Account # _____

Company Name _____

Phone/Fax/Email _____

Owner/Person responsible for bills _____

Mailing Address _____

Office Address (if different) _____

Local Business Reference w/phone number _____

Estimated time-frame and monthly usage _____

Project name & job site _____

Name of responsible person on-site _____

TERMS:

1. LOCATION & METERING: I/we agree to take water only from the hydrant(s) designated by the Lower Rio Grande Public Water Works Authority General Manager or designee. I understand that the LRGPWWA will supply a hydrant meter and I agree that **ALL** the water I use from the LRGPWWA water system will be run through this meter. I agree to be responsible for this meter during the term of this agreement. I agree that the LRGPWWA operations staff may inspect the meter at any time. I agree that I will not remove this meter from the LRGPWWA service area, and that it will remain on the designated hydrant, in the possession of myself, my employees or subcontractors at the job site shown above, and it will be returned to the LRGPWWA operations staff at the end of my project or job.

2. SET UP FEE & DEPOSIT: I agree to pay a NON-REFUNDABLE set-up fee of Two-Hundred and Fifty Dollars (\$250) and a refundable deposit of One-Thousand Two-Hundred and Fifty Dollars (\$1,250) to the LRGPWWA before taking any water from its hydrant (s). I understand and agree that my deposit will be forfeit to the LRGPWWA in the event the meter is found to have been



LOWER RIO GRANDE

Public Water Works Authority

325 Holguin Road

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run backwards or otherwise tampered with, or in the event I or my employees or subcontractors have been found to have taken water from any of the LRGPWWA's hydrants unmetered. I understand and agree that the LRGPWWA will retain my deposit until their fire hydrant meter is returned in good condition and my final bill is paid in full.

- 3. WATER RATES & BILLING:** I understand and agree that I will be billed by the LRGPWWA for water at ~~the rate of Three Dollars (\$3.00) per Thousand (1,000) Gallons for the first Fifty Thousand (50,000) Gallons of monthly usage with a minimum monthly bill of Thirty Dollars (\$30.00) which will include the first Ten Thousand (10,000) Gallons usage, and Five Dollars (\$5.00) per Thousand (1,000) Gallons for monthly usage in excess of Fifty Thousand (50,000) Gallons. the following rate:~~

~~Minimum monthly charge - \$50.00~~

~~0 to 20,000 Gallons usage - \$5.00 per 1,000 Gallons~~

~~Usage in excess of 20,000 Gallons - \$6.50 per 1,000 Gallons~~

I understand and agree that the LRGPWWA will read the hydrant meter and bill me for water usage during the regular billing cycle for the area where my job site is located, that a late penalty of Fifteen Percent (15%) of the delinquent amount and a Disconnect Delinquency Fee of Fifty Dollars (\$50) will be assessed if my account becomes delinquent as per the applicable schedule below:

Billing Cycle #1 – ~~La Mesa & Mesquite areas~~, Billing date – 1st of the month, Due date – 25th of the month, Late Penalty – 26th of the month – 15% of overdue amount, Disconnection – 16TH of the next month

Billing Cycle #2 – ~~Vado, Berino & Desert Sands areas~~, Billing date – 15th of the month, Due date – 10th of the next month, Late Penalty – 11th of the next month – 15% of overdue amount, Disconnection – 26th of the next month

- 4. NO GUARANTEE:** I understand that the LRGPWWA makes no guarantee to supply me with any specific quantity of water and no guarantee to make water available to me at any particular time or place. I understand that the needs of LRGPWWA are the highest priority, and if my usage interferes with service to them, I may be required to take water from a different location, adjust my schedule to avoid taking water at peak usage times, or discontinue using water from LRGPWWA altogether. I agree that the LRGPWWA has the final say as to the location, timing, and quantity of my water usage.

- 5. Amendment to the Bulk Water Agreement:** The terms of this agreement including Water Rates stated in #3 are subject to amendment by action of the Lower Rio Grande Public Water Works



LOWER RIO GRANDE

Public Water Works Authority

325 Holguin Road Vado, New Mexico 88072 (575) 571-3628

Authority Board of Directors. Such amendments become effective immediately upon the date of action or date specified in the action.

Applicant's Signature (owner or party responsible for payment):

Print name & Title Signature Date

LRGPWWA Authorization:

Print name & Title Signature Date

DRAFT



LOWER RIO GRANDE

Public Water Works Authority

325 Holguin Road Box C Vado, New Mexico 88072 (575) 233-5742

3. METERING FACILITIES.

- A. Metering of Water Service.** Water service will be metered at each individual dwelling or place of business. Multiple dwellings **shall not** be connected to one service connection unless as outlined in the **Additional Minimum Policy**. Meter facilities shall be installed by the Authority.
- B. Metering Facilities/ Tampering.** Metering facilities shall be installed, owned and maintained by the Authority and shall be paid for by the Member. These shall consist of service clamp, corporation stop, service line, meter yoke, meter box, backflow device, and meter. Metering facilities are for the sole use of the Authority. **A violation of this policy is grounds for a penalty (See FEE SCHEDULE—Attachment #2) or disconnection of service at any facility in service for the Member. Tampering with meter facilities is a violation of Authority Policy and in some cases a violation of State and/or Federal law which may be reported to the appropriate law enforcement agency and prosecuted.**
- C. Location of Metering Facilities.** Metering facilities shall be located at the main line or at the member's property line. In special cases where this is not practical, the location shall be agreed upon jointly by the General Manager or Designee and the Member. Should the location be within the member's property, he/she shall grant the Authority an easement of right-of-way and the right of ingress and egress to said property for the purposes of servicing or removing the metering facilities.
- D. Meter Accuracy.** Water meters, where errors do not exceed two (2%) percent fast or slow, shall be considered as being within the allowable limits of accuracy for billing purposes. Whenever a meter in service is tested and found to have overregistered more than 2%, the LRGPWWA shall adjust the Member's bill for the excess amount paid as determined by the percentage in excess of two (2%) percent. In the event error percentage cannot be determined, the Member's bill will be adjusted to the usage for the same month in the previous year. An adjustment will not be made if the excess amount paid is less than \$5.00.



425 S. Teishor Blvd.
Suite C-103
Las Cruces, NM
88011-8237

www.bhinc.com
voice: 575.532.8670
facsimile: 575.532.8680

July 15, 2016

Karen Nichols
Project Manager
Lower Rio Grande Public Water Works Authority
325 Holguin Road Box C
Vado, NM 88072

Re: **Proposal for Professional Services:**
Berino Area Water Supply Project – Final Design Phase Services

Dear Karen:

Bohannan Huston, Inc., (BHI) is pleased to provide this engineering services contract for the above referenced work to the Lower Rio Grande Public Water Works Authority (Authority). These documents are for the final design phases services only, and do not include bid administration or construction administration services at this time.

Please return a signed copy of the agreement enclosed at your earliest convenience. If you have any questions, please contact me directly at 575-532-8670. Thank you and we look forward to working with you on this project.

Sincerely,

Matthew R. Thompson, P.E.
Senior Vice President

Engineering ▲
Spatial Data ▲
Advanced Technologies ▲

EXHIBIT B

Scope of Work and Cost Proposal for Engineering Services during Design Phase

Lower Rio Grande Public Water Works Authority Berino Area Water Supply Project

The ENGINEER is providing professional services to the Lower Rio Grande Public Water Works Authority (Authority) for the planning, design and construction of a groundwater well, water treatment plant, water storage tank and ancillary related facilities for the production of potable water from current Lower Rio Grande well water rights (the Project).

This Scope of Services defines the work, deliverables, and related fees for the Project's design phase work tasks that will bring this project from 60% Preliminary Design which has already been completed up to Final Design. Tasks of the individual phases are described in detail below. Bid Administration and Construction Administration services will be negotiated at a later date upon review and concurrence by New Mexico Environment Department - Drinking Water Bureau (NMED-DWB) and New Mexico Environment Department – Construction Programs Bureau (NMED-CPB) and project construction has been authorized.

Work tasks and their related documents that have been previously completed and further define this project background are the following:

1. 60% Preliminary Design by BHI & CDM Smith, July 2016

Throughout this document the terminology “OWNER” refers to the Authority and “ENGINEER” or “SURVEYOR” refers to BHI or our subconsultant CDM Smith.

I. PROJECT SUMMARY

A. **Project Infrastructure Description**

The Project work scope will address the following project infrastructure elements:

- **Re-Drill Water Production Well #10 (LRG-075995):** Anticipated to be a new 16” cased well within 100 feet of the previous well #10. Well depth is anticipated to be 750 feet deep approximately and with stainless steel screening. Production rate goal will be 750 gallons per minute (gpm), likely resulting in a 100 horsepower (hp) motor.

- **Arsenic Treatment Facility:** This facility is anticipated to be a CMU split-face block building with metallic roof. An attached roof enclosure will be used to protect the wellhead and motor but will allow well equipment servicing. The primary process room will house the well pump control valves, arsenic treatment equipment and electrical gear and treatment chemicals used in the arsenic removal process. Gas chlorination equipment required for disinfection and oxidation prior to arsenic removal will be housed in a separate room.

- **Upper 200,000 gallon Water Storage Reservoir:** Existing property boundary east of I-10 appears to be large enough to allow a second 200,000 gallon welded steel storage reservoir

to be located adjacent to the existing reservoir. Security fence will be expanded for the second reservoir. No access road improvements are anticipated.

- **SCADA Radio Telemetry Units (RTU):** Incorporate SCADA RTU's to allow well operation in tank fill cycle and bring all alarms back to a central monitoring network for operator notification.

The Project will be completed in Phases as summarized below:

- **Planning Phase**
Engineering services already completed.
- **Design Phase**
Detailed in this contract attachment, Exhibit B, the design phase consists of final design only, with preliminary design having been completed under a separate contract. Final design will include a 95-percent submittal and completion of the drawings and specifications so that they are ready for bidding. Final design also includes subtasks for project management, communications and meetings. ENGINEER will submit design documents to the OWNER at each design stage (i.e., 95 percent and final) for review and approval before proceeding to the subsequent stage. ENGINEER will submit 95% complete documents to NMED-DWB and NMED-CPB for review. An engineer's estimate of probable cost will be prepared and updated at each stage of design.
- **Construction Phase**
A separate contract amendment will be identified and negotiated at a future date.
- **Operational Phase**
A separate contract amendment will be identified and negotiated at a future date.

This contract attachment defines the scope of work, fees and schedule for Engineering Services during the Final Design Phase for the OWNER.

Project Assumptions

The following assumptions have been made for the preliminary design of the groundwater well, arsenic treatment plant, and finished water storage reservoir:

- An initial Project Kick-off Meeting for the Design Phase of this project will be held at the OWNER's offices with OWNER's staff, ENGINEER's project manager and project engineer, subconsultants, and other stakeholders that may be identified by the OWNER. The Project Kick-off Meeting will also serve as a workshop to review the OWNER's design parameters and preferences and to establish project goals, critical success factors, schedule, lines of communication, and information needs.
- Six Monthly Progress Reports will be provided during the preliminary and final design phases and will be provided at the beginning of each month by email.

- The OWNER will provide water quality sampling and results from the existing well or representative wells close to Well 10 as requested by the ENGINEER.
- The maximum treatment capacity of the arsenic treatment plant is assumed to be the expected production rate goal of 750 gpm. A hydraulic analysis will be required to determine finished water pumping requirements from the groundwater treatment plant to the Berrino ground reservoir and/or the Mesquite elevated tank.
- The arsenic treatment process will be a “package” treatment system and will be housed in a treatment process building. Chemical feed systems will be required for coagulation/pH adjustment and oxidation prior to filtration with possible post treatment chemical addition required to raise the pH. The following chemical feed systems are assumed to be required: coagulant (ferric chloride or alum), polymer, acid feed (pH reduction), chlorine for disinfection
- A chlorine gas system will be provided for disinfection and oxidation of raw water from the well prior to arsenic treatment.
- Backwash water from the arsenic treatment process will be collected and recycled to the head to the treatment process. The backwash recycle process will include a holding tank and booster pumps to recycle the water to the head of the treatment process.
- Solids handling facilities will be included with the design of the arsenic treatment plant. Drying beds will be used for solids handling. Site piping consisting of raw and finished water piping, and process drains will be provided.
- Backup power (emergency generator) for the water production facility will not be provided.
- Land acquisition for the groundwater well, groundwater treatment plant and storage reservoir will not be required.
- Improved access roads to storage reservoir site will not be required.

II. DESIGN PHASE WORK TASKS

TASK 1: PROJECT MANAGEMENT

Objective: Provide effective communications, coordination, meetings and project management for the Project through the project design phase.

Approach: ENGINEER will conduct an initial Project Kick-off Meeting with the OWNER and other stakeholders to obtain additional Project information, to obtain OWNER input, and to develop critical success factors for design and implementation of the Project. As part of this meeting, OWNER goals and constraints will be identified to assist the ENGINEER in screening and evaluation of preliminary planning alternatives in order to construct facilities while continuing to maintain efficient operation. Subsequent design phase meetings with OWNER staff and operations team members will be conducted, as required, to complete the Project deliverables.

The ENGINEER and OWNER will have regular conference calls and email communications to keep the OWNER informed of the Project's progress and obtain additional input from the OWNER. The ENGINEER will provide a monthly progress report attached to monthly invoicing that summarizes the work completed since the last report, work to be completed during the next period, budget status, issues and concerns, and schedule status. The ENGINEER shall attend OWNER scheduled meetings on an as requested basis to update OWNER board or staff members on the current status of specific project activities and get input needed to maintain the project schedule.

ENGINEER will create a project specific website to manage project deliverables in ArcGIS and/or Adobe PDF format, and manage OWNER review comments on-line. Other project management responsibilities to be completed under this task include management of subcontracts, project accounting, scheduling and budget tracking, and maintenance of project files.

Assumptions:

1. Project Progress meetings shall be held at the OWNER's office on an as requested basis.

Deliverables:

1. Monthly progress reports – delivered via e-mail
2. Regular conference meeting minutes
3. Monthly invoices for ENGINEER's services

TASK 2: FINAL DESIGN

Final Design involves two tasks: development of the 95-percent and final design of the Project infrastructure. The 95 percent design will refine the 60-percent design to incorporate comments by the OWNER, and the ENGINEER's own quality review process. The 95-percent design will be reviewed and the documents revised to incorporate final changes for a set of contract documents that are ready for bidding. A final opinion of probable construction cost will also be prepared based on the final design.

Objective: To provide a 95-percent design based on the OWNER's comments and the ENGINEER's quality review of the 60-percent design and which will be used to conduct additional internal reviews, obtain OWNER input, and to prepare and submit final documents for bidding.

Approach: The 95-percent design of the facilities will be based on the 60-percent design and the OWNER's review comments. The major activities under this task will be to prepare a 95-percent design package, meet with the OWNER and NMED to discuss review comments, conduct internal reviews, and then prepare the final design/bid documents for the Project, and a final opinion of probable construction cost.

The final design documents will be based on the assumptions listed below and the results of representative well water laboratory testing. This laboratory testing will allow for refinement of the design of the treatment process and will establish process chemical requirements and dosages that will be used for design.

In addition, the ENGINEER will provide additional information including:

- Individual sections for each Project component outlining the process description of each recommended component and the final process design criteria.
- Civil site work and plant utilities
- Narrative description of Architectural Building systems
- Process treatment criteria
- Disinfection system criteria
- Heating ventilation and air conditioning (HVAC) criteria
- Electrical design criteria including power requirements from El Paso Electric
- Instrumentation and control design criteria

The major activities under this task will be to develop final design documents will include the following items:

- Design of the treatment facility
- Design of finished water booster station
- Site yard water pipelines
- Solids handling facilities
- Finished water storage
- Disinfection System
- Chemical feed and storage
- Electrical power system design
- Provisions for Supervisory Control and Data Acquisition (SCADA) system
- Architectural and structural design of buildings
- HVAC and plumbing design
- Lighting system design
- Upper Reservoir design
- Quality reviews

Assumptions:

See the Project Assumptions in the introduction to this Task. Also:

- The drawing set is assumed to consist of approximately 50 drawings.
- One meeting will be held with OWNER to review the 95-percent design documents.
- ENGINEER's AutoCAD standard conventions will be followed during preparation of drawings. The design drawings will be prepared using AutoCAD.
- OWNER will provide Standard and Special Provisions (Division 0) used for the front-end documents (Division 0). If the OWNER does not have Standard and Special Provisions, ENGINEER will modify Standard and Special Provisions from similar projects to meet OWNER'S needs.
- ENGINEER's standard technical specifications, will be used as a basis for Divisions 1 through 16 to augment the OWNER's standard specifications. The project specifications will be customized to clearly describe the scope of work, material requirements, execution requirements, submittal requirements, testing procedures, and measurement, and payment.

Assumptions:

- One meeting with OWNER to discuss and address final review comments.
- NMED-Construction Programs Bureau and Drinking Water Bureau review will be a timely, 60-day review to discuss and address final review comments.

Deliverables:

- Documents associated with the 95-percent design submittal include:
 - Drawings (11-inch by 17-inch) 5 sets
 - Specifications (5 sets)
- Documents associated with the final design/bid submittal include:
 - Final Drawings and Specifications (5 sets for the OWNER's use)
 - One master 24-inch x 36-inch paper plotted set of bid package drawings
 - One print ready master set of final bid package specifications
 - Electronic drawing and specification files in Adobe Portable Document Format (.pdf) format on DVDs

III. ADDITIONAL ENGINEERING WORK TASKS

TASK 3: PERMITS ACQUISITION

Objective: Identify and assist the OWNER in acquiring all necessary permits for construction and operation of the Project infrastructure.

Approach: The services associated with this task are:

- Identify and obtain permits necessary for construction.
- Prepare permit applications or approvals as required for agencies such as the Office of the State Engineer, Dona Ana County and the New Mexico Environment Department.
- Attend review meetings (assumed two) with oversight agencies to facilitate and expedite the permitting process.
- Review permit conditions and assist the OWNER with responding to permit conditions.

Assumptions:

Permits and/or approval will be required from the following agencies:

- Office of the State Engineer (OSE).
 - Dona Ana County Building Services Division (building permit compliance review)
 - New Mexico Environment Department Drinking Water Bureau for Modification of a Drinking Water System.
 - New Mexico Environment Department Construction Programs Bureau.
 - The construction Contractor will obtain all necessary building permits from Doña Ana County Building Department
 - 90-day review period by permitting agencies (NMED-DWB).
- Deliverables:**
- Permit applications necessary for constructing and operating the well, arsenic treatment plant, and tank.

IV. FEES

Compensation for services of Engineer (including direct costs, markups and cost of subcontracted services) will be as outlined below. All amounts shown are exclusive of New Mexico Gross Receipts Tax.

Compensation terms and lump sum amounts for each scoped task contained in Contract Agreement Attachment II are provided below. Invoicing for Lump Sum items will be based on percent complete of task or cumulative completion of subtasks associated with the work under the task. Lump Sum amounts shown include all direct costs, markups, and cost of subcontracted services associated with the task. Changes to this amount will only be accomplished by written amendment to this scope.

Compensation for services of ENGINEER (including direct costs, markups and cost of subcontracted services) will be as outlined below. All amounts shown are exclusive of New Mexico Gross Receipts Tax.

Invoicing will be based on percent complete of task or cumulative completion of subtasks associated with the work under the task. All amounts shown below are lump sum except tasks indicated to be time and materials not-to-exceed (T&M NTE). Lump sum amounts shown include all direct costs, markups, and cost of subcontracted services associated with the task. Changes to these amounts will only be accomplished by written amendment to this scope and approved by the OWNER.

DESIGN PHASE FEES:

<u>Task</u>	<u>Description</u>	<u>Type</u>	<u>Fee Amount</u>
1	Project Management	Lump Sum	\$9,320
2	Final Design	Lump Sum	\$120,954

Design Phase Services Subtotal: \$130,274

ADDITIONAL ENGINEERING FEES:

<u>Task</u>	<u>Description</u>	<u>Type</u>	<u>Fee Amount</u>
3	Permits Acquisition	Lump Sum	\$6,840

Additional Engineering Services Subtotal: \$6,840

TOTAL PROJECT FEE (Exclusive of NMGRT) \$137,114

V. SCHEDULE

The time periods for the performance of ENGINEER's services are as follows:

TASK 2: FINAL DESIGN -

Final design to be completed within 90 calendar days of NTP from OWNER.

TASK 3: PERMITS ACQUISITION

The Permits Acquisition will be performed during the Final Design task and will be completed within 90 calendar days from submission of final stamped plans to NMED-DWB, assuming timely review.