

REPORT OUT
From the Aguas del Norte Alliance Meeting
26 January 2024

Prepared by
The Southwest Environmental Finance Center
Center for Water and the Environment
at The University of New Mexico

21 March 2024

Funded by the EPA EFC BIL Region 6 program.

Introduction

Thank you all for joining us on for the Aguas del Norte Quarterly Discussion for Friday January 26th from 10:00 am-1:00 pm. Thank you especially to Gloria Gonzales from Chamita MDWA for hosting us at Chamita Community Center. Around 23 people joined us for the discussion, with one online attendee (See the sign-in sheet attached to this report). Thank you, to all of you who were able to attend, for taking the time out of your busy schedules!

This report is meant to bring together what was discussed at the meeting on the 26th of January. Therefore, the SWEFC created this report with the following in mind:

1. To provide you with materials from the meeting;
2. To provide you with a summary of the networking activity; and
3. To let you know the status of our work on the next meeting.

If we have missed something or something is not accurate, please reach out to, joni palmer: palmerjonim@unm.edu

Aguas del Norte Water Alliance

Meeting #4: Preparing for Emergencies Networking and Information/Resource Sharing

Friday 26 January 2024 | 10 am – 1 pm

Location: Chamita Community Center County Road 56A #42 Chamita, NM

HYBRID EVENT: Meeting ID: 950 8264 3758 Passcode: 429529

AGENDA

1. Welcome	Melanie Delgado, NMED	5 min
2. Highlights from Meeting #3 & Aguas del Norte Alliance webpage	Sami Stroud, SWEFC	10 m
3. Networking Activity:	Sami, Tucker, Martha	30 m
4. System Resiliency		
a. How reliable are your primary water sources? Do you have any backup sources and how readily available are they? [Sami]		
b. What is the status of your meters? Can you compare their readings to your production to get a picture of your water loss and efficiency? [Tucker]		
c. Given the current realities (and future likelihood) of large-scale wildfires in NM, what concerns do you have about the impacts of wildfires on your systems? [Martha]		
BREAK		10 m
5. Water Topic: Preparing for Emergencies		1.5 hrs with Q & A
a. Introduction to Resiliency	Melanie	15 m
b. If an emergency happens, what do you do?	Adele McKenzie Emergency Response Coordinator, NMED, Drinking Water Bureau	15 m
c. Emergency Funding	Ramon Lucero, RCAC	15 m

d. WARN Network	Bill Conner, NMRWA	15 m
6. Next Steps & Questions	Melanie & joni	15 m
a. Krista Bonfantine		7-10 m
Watershed Restoration Program Manager, Forest Stewards Guild		
b. Next meeting: topic, date, location		

1. Meeting Handouts

Resources were provided at the registration table, please see attachments to this report. Adele's slide deck is also attached to this report: NMED Emergency Toolbox for Public Water Systems

2. Summary of Networking Activity

This activity was conducted in order for systems to connect with each other over the topic of resiliency, and brainstorm potential collaborations to solve problems facing both systems.

Conversation questions (Melanie facilitated):

- How to measure groundwater depth?
 - o One system mentioned that they use SCADA
 - o Someone else mentioned that it's expensive; maybe if you were sharing a system like this regionally it could make sense, but a bit too involved and expensive for very small systems
 - o Another mentioned that he uses a sounding unit to measure depth – less money and just needs to test each of his 3 wells monthly.
- Water scarcity (Hayley) - people are wary of physically connecting systems, but this can be crucial in water shortage emergencies.
- (this led to a conversation about resiliency practices, like having an extra pump on the shelf)
- Supply chain issue have only gotten worse. It's important to have a back up pump on a shelf. Many people are experiencing several weeks of delays getting pumps. You could have a shared spare parts/supplies inventory with neighbors. Beware of what equipment you keep on a shelf. Some won't keep well for long periods of time (bearings go flat? After a long period of time, yes that can happen). Make sure to educate yourself!
- Also be aware that parts are more expensive these days.
- And talk to your neighbors – they might have the part you need

Notes from Presentations/Discussion

Adele McKenzie - NMED Emergency Toolkit for Public Water Systems

- Maintain an updated, accessible emergency response toolbox so you can provide quick resources in an actual emergency.
- Update your contacts at least once a quarter to make sure they are still in their position.
- NMED DWB can assist you before and after emergencies with funding, contractors, emergency numbers
- They don't have equipment. Can't provide water hauling equipment or potable water.

- [Emergency Response Story Map](#) on NMED with resources available. They are keeping the site updated. Includes financial information and checklists for emergency plans. Trainings you can attend, groups you can join.
- You are required to have an Emergency Response Plan and an O&M Plan. Compliance offices will check for these in during the sanitary survey.
- NMRWA has signs you can download and use. There are some grants for cameras.
- Find your local emergency manager. NMED has a list of them on their website. Contact them and get to know them before you have an emergency. There are Local Emergency Planning Committees. They can also help with your Emergency Response Plans.
- Department of Homeland Security and Emergency Management – Emergency Operations Center (EOC) – 24/7 line. Call you Local EOC first but if they can't help, try Homeland Security.
- Outage Checklist is on the Story Map on the NMED website. There is also a list of certified Water Haulers.
- What to put in your emergency plans? Add contractors, chemical vendors. Know your certified labs. Find out their hours, are they open on weekends?
- EPA Response On-The-Go-Plus is an app. You can put in information on the go and email it to NMED if needed. It will give you weather information as well.
- Sampling during an emergency – a wildfire and floods or someone tampering with your water. There are tools out there on the NMED website.
- If you need a permit you might have to contact the Army Core of Engineers.
- NMED also has contacts for lawyers or legislature
- Utton Center at UNM can possibly provide free legal sources.
- Cyber Security – EPA was going to make some sort of cybersecurity a requirement. That was shot down but they highly recommend doing some cybersecurity. Be aware that some people have tried to access a water system remotely and mess with the chemical concentrations.
- Only the certified portable water folks are on the website. If they aren't certified by NMED, they aren't on the website. But they can reach out to NMED about getting certified.

Ramon Lucero – Emergency Funding

Senate Bill 49 – \$100 million to deal with various emergencies. It's hard to say if this bill will pass.

Rural Infrastructure Program – NMED Construction Bureau

New Mexico Board of Finance – small appropriates from the governor every year. One dedicated to water emergencies and one for broader emergencies.

Governor's Office that has money to be used for emergencies. Shanna Saser(sp?) her job is to help us connect to the resources.

Emergency procurement available through the Department of Finance and Administration.

- SW EFC/TA providers: Can we create a list of local plumbers or contractors to put on our website?

WARN - Bill Conner, NMRWA

- Water/Wastewater Agency Response Network (WARN) is designed for systems to help systems. Only systems are part of WARN.
- Any type of system can join the network
- Joining is very simple, there is a WARN Mutual Aid Agreement which lays out the guidelines for what happens if you need help or what you can do to help someone. It lays out the liabilities and who pays who.
 - o Contact Bill Conner by phone, email, mail
- If you join the WARN you are under no obligation to help someone else.
- You can have your attorney review and sign the agreement. But your attorney can't change the terms. They were approved by the committee so the agreement won't change and everyone signs the same agreement.
- A huge part of resiliency and an emergency is what you do to prepare before it happens so you have all the information, contacts, and resources ready.

Bianca Surgeon: Water Leadership Institute – at the Chamita Community Center

- Series of 4 workshops for operators or future operators, once a month for a total of 20 credits
- Will work on certain documents and plans
- Starts Feb 28th

Krista Bonfantine – Forest Steward’s Guild

- 232 partnership/collaborative – there are two different but overlapping initiatives. Lots of federal agencies, lots of other government entities. Welcome participation from everyone.
- Looking at forest shed restoration
- Can help write grants, there is one coming up for meters in Feb. Another one coming up in April for water planning.
- The community wildfire protection plan update for Rio Arriba County is going on right now.
- Funding opportunity to engage community members from the EPA

Topics for Future Meetings

Date: May 3rd, 2024

Location: Chama City Hall, 1512b NM-17, Chama, NM 87520

Ways to increase attendance:

- Ask systems to invite a neighboring system to attend
- Save the Date
- Physical flyers
- Radio (try to get KDCE this time)
- Chama newspaper
- Phone calls to systems

Potential Topics:

- Lead Service Line inventory (LSLI) hands on workshop

- Work one on one with TA providers to fill out your LSL
- → What kind of data/info do systems need to bring?
- Training or workshop on software and Excel tracking
 - Help uploading LSL info to Excel (i.e. addresses)
 - Help creating an email for your system
 - Help saving the LSL Excel file for future records → training on system recordkeeping

3. Status of Our Work on the Next Meeting

The next meeting of the Aguas del Norte Alliance will be Friday 3 May, from 10 am – 1 pm at Chama City Hall, 1512b NM-17, Chama, NM 87520. It will be an in-person meeting. The meeting topic will be **Lead Service Line Inventory Hands-on Workshop**. Melanie Delgado, joni palmer, and Sami Stroud are working on advertising this event via email, phone calls, posting flyers in communities (See flyer on next page), and local newspapers and radio.

Final Thoughts

As stated in the previous report, we could use your help getting the word out about these regular quarterly meetings (with special topics meetings as needed): **Please share information about events, direct folks to our website <https://swefc.unm.edu/home/aguas-del-norte-alliance> and invite people to join the email listserv that Melanie created: envnorthernnmdiscussion@state.nm.us.**

Send names and emails to Melanie Delgado (melanie.delgado@env.nm.edu) and she will get people on the listserv. Also, if you have contacts at local newspapers and local radio stations, please let joni (palmerjonim@unm.edu) know—we would like to use additional platforms (other than email/listserv) to advertise these meetings! We also ask that each system please **invite a neighboring system to attend**. This will help us grow our community and relationships with our neighbors.

Thanks, again, for participating in the Aguas del Norte Alliance meetings: we look forward to continuing these conversations with and for all of you!

Resources Sheet for Aguas del Norte Alliance

- SWEFC main webpage: <https://swefc.unm.edu/home/>
- SWEFC Integrated Asset Management Framework Webpage: <https://swefc.unm.edu/iamf/>
- SWEFC Asset Management InfoHub: <https://swefcamswitchboard.unm.edu/am/>
- SWEFC Wastewater InfoHub: <https://infohub.swefc.unm.edu/>
- SWEFC Water Loss InfoHub: <https://swefc.unm.edu/wlswitchboard/>
- SWEFC State Revolving Fund InfoHub: <https://swefcsrfsswitchboard.unm.edu/srf/>
- Resources for NM SRF: <https://swefcsrfsswitchboard.unm.edu/srf/new-mexico-staterevolving-fund-resources/>
- New Mexico Water and Wastewater Funding Table, updated 2019: <https://efcnetwork.org/wpcontent/uploads/2019/07/NM-Water-Wastewater-Funds-2019.pdf>
- PFAs Cost Recovery Program (sign up here): <https://nrwa.org/cost-recovery/>
- EPA webpage on revised lead and copper rule: <https://www.epa.gov/ground-water-anddrinking-water/revised-lead-and-copper-rule>
- NM 811: <https://geocall.nm811.org/geocall/portal>

- RCAC Trainings Calendar:
https://www.events.rcac.org/rcac/calendar.asp?Cal_View=YEARVIEW&Cal_Day=1

Attachments: See next pages

- May 3 Meeting Flyer
- Sign-in Sheet
- Handouts

PLEASE JOIN US FOR THE:

Aguas del Norte Water Alliance Meeting #5

Friday, May 3rd from 10 am - 2 pm

Lead Service Line Inventory (LSLI) Hands-on Workshop

AGENDA

1. Introduction to LSLI + Overview of LSLI forms
2. LUNCH: snacks and coffee will be provided, bring your own lunch.
3. Workshop: work with a TA provider on your LSLI paperwork
4. Wrap up: Questions + discuss next meeting

BRING WITH YOU:

- A laptop (if you have one) or a thumb drive!
- Membership and/or billing list with physical addresses of all connections
- System documentation (plans and specs, repair tickets, photographs, printed maps, structure as-builts etc.)

Location: Chama City Hall, 1512b NM-17, Chama, NM 87520

You must REGISTER by APRIL 19TH:

1. Go to <https://buff.ly/43I3hJJ>

2. Or scan this QR code →



SOUTHWEST
ENVIRONMENTAL
FINANCE CENTER

Questions? Email Sami Stroud:
sstroud1@unm.edu

SIGN-IN SHEET for Aguas del Norte Alliance Meeting #4

EPA H2O Community Solutions Teams / Southwest Environmental Finance Center / NMED Northern NM Regional Conversation
 Friday 26 January 2024 from 10 am – 1 pm | Location: Chamita Community Center, County Road 56A #42 Chamita, NM

#	Name	Water system and Mailing Address	Telephone, Email, and Fax (if appropriate)	Op Cert # <i>(if applicable)</i>	Credit Hours <i>(For Trainer Use Only)</i>
1	Jeanne Archuleta	EL RITO Regional Water & Wastewater Assoc P.O. Box 367 EL RITO, NM 87530-0367	T: E: elritowater42@gmail.com Fax:	BOARD MEMBER.	
2	WILLIE PICHAO	ARMANDO MORA P.O. BOX 1053 ABOGADO, NM 87510	T: E: ELARMANCOMORA@gmail.com Fax:		
3	Michael Roberts	NM Forest and Watershed restoration East Hope	T: E: michaelrob@nmhu.edu Fax:		
4	Mariene Foley	Vallejos MDWCA	T: E: mariene.foley@gmail.com Fax:		
5	Charlotte Ratzold	Abigailia Water	T: E: buttows.cep@gmail.com Fax:	Board member	

NOTE: RECORD PARTICIPANTS IN ZOOM-LAND

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6	Galen D. Knight, Ph.D.	Conilon MDC-A	T: 575 684 0148 E: galen.vt@highplains.com Fax: NA	In Training	
7	Jackie Knight	Canilon MDC-A private party	T: 505 250 3629 E: Fax:		
8	Krista Bonfantine	Forest Stewards Guild	E: krista@forestguild.org Fax:		
9	Martha Graham	NM RSA	E: martha@nmrsa.org Fax:		
10	HOVART Bryan Cruz Santa Water ASS		T: 365-929-4730 E: Hlow551@comcast.com Fax: SCWANUM@gmail.com		

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11	Jose Velarde	Ojo Sarco MDWCA	T: (505) 927-7687 E: velardejose68@gmail.com Fax:		
12	Monica Lorenzo	PO Box 284174	T: (505) 930.8552 E: Fax:	LV	
13	ERICA Puentes	11	T: (505) 470.4509 E: Fax:		
14	Aviolalymne Jaquez	Coyote MDWCA PO Box 26 Coyote NM 87012 Coyotemdwa@gmail.com	T: (575) 638-6902 E: Fax:		
15	Joseph Valdez	RRAC	T: 505-290-1721 E: Fax:		

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16	Dr. B-Vir Bisenore PC	PO Box 270 Abiquiu NM 87510	T: E: 575-927-5091 Fax:		
17	Amelia Medina	NGWA EDD- PO Box 189 Suehudo, NM 87537	T: E: Fax:		
18	Alonzo Stengel	PO Box 123 ASUNA Herald, NM 87537 P.O. Box 1301 Chamita Chibby Dwigth mowth	T: E: Fax:		
19	Mattias Valdez	P.O. Box 727 Alcedo NM 87511	T: E: Fax:		
20	Asapito Gaudelara	Los Oros Domestic P.O. Box 85 Los Oros, NM 87551	T: E: Fax:		

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21	Jennifer Viereck	Abiquiu NMED PO Box 133 Abiquiu NM 87510	T: 505-685-0597 E: jviereck@jmail.com FAX:		
22	<i>Hannay</i> Whitaker	RCA	T: E: <i>Hwhitaker@RCA.org</i> FAX:		
23	Danny Martinez	Greater Chimayo MDWCA	T: E: <i>danny.greaterchimayo@gmail.com</i> FAX:		
24			T: E: FAX:		
25			T: E: FAX:		

Aquifer Mapping Program 2023

The hydrogeology program at the New Mexico Bureau of Geology (NMBGMR) is working to address the state's most relevant water questions—such as where can it be found, how much is there, and what is the quality of the water? We are unique because we are the only non-regulatory state agency engaged in this specialized, multidisciplinary water science and research. We are building upon a wealth of existing water information; adding new and innovative techniques and data, and ultimately providing the state with a better understanding of our water resources.



Collecting water quality samples from a spring near Embudo.

Rio Rancho



Ongoing research to define hydrostratigraphic units within the Santa Fe Group Aquifer supplying Rio Rancho.

High Plains



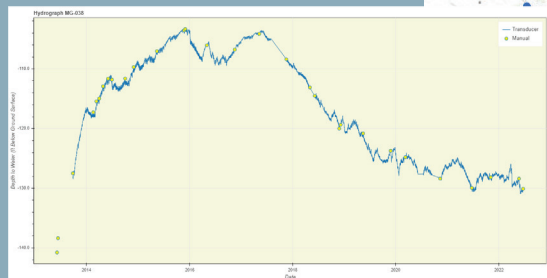
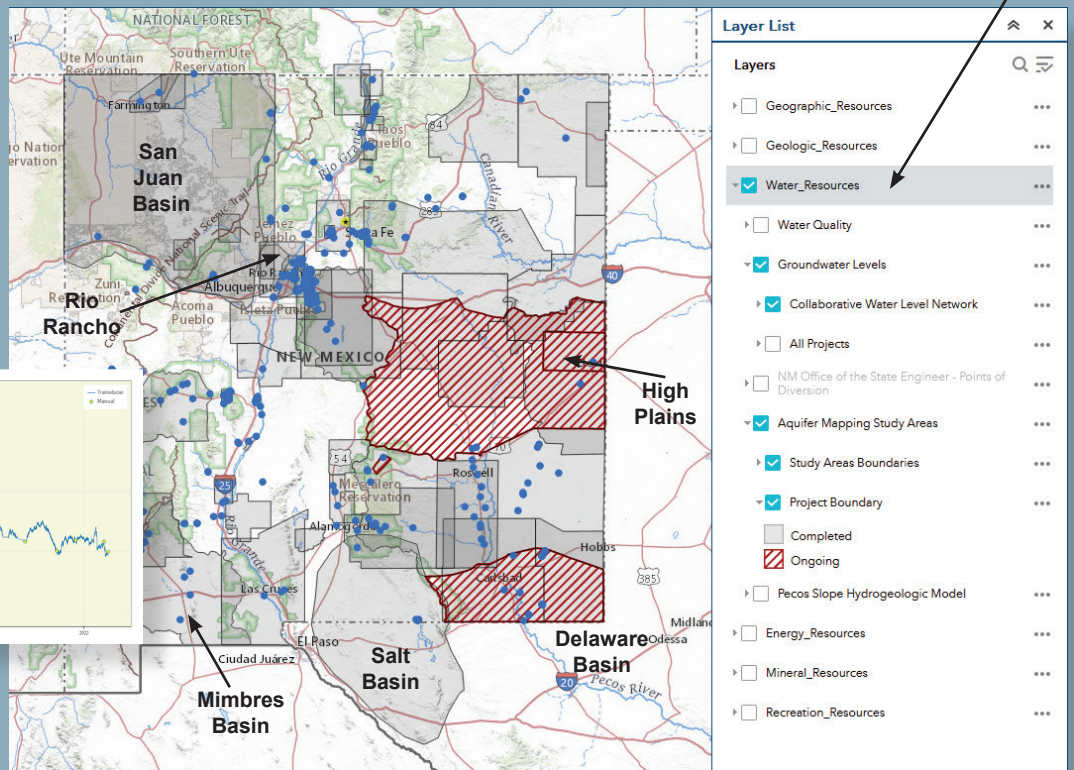
NMBGMR is working with Ogallala Land & Water Conservancy to measure groundwater in over 100 wells near Clovis.

Find Us Online

maps.nmt.edu

- From our webmap, find:
- Aquifer Mapping study areas with links to project reports (see QR codes)
 - Water quality data
 - Water level monitoring data (shown below)

Turn on the Water Resources layer to find our data:



Depth to water over time measured in a well in our Healy Collaborative Network (blue dots on the map are network wells)

Mimbres Basin



Snapshots of groundwater level changes across the Mimbres Basin from 1980 through 2020 in 5-year increments.

Salt Basin



This 2022 study examines the water budget of the Salt Basin including recharge, evapotranspiration, pumping, and agricultural use.

Delaware Basin



The Delaware Basin 3D hydrogeologic model is near completion. Find info on this model and completed basins using the QR code.

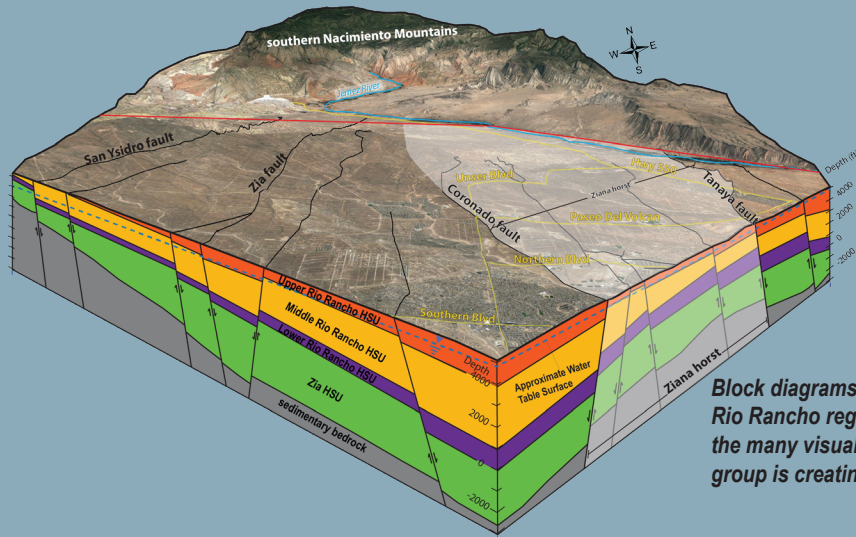
Aquifer Mapping - Statewide Programs

3D Hydrogeologic Modeling

The need for easily accessible information about our groundwater distribution and availability grows every year. NMBGMR is working to address this need through the development of 3D aquifer models that can be easily accessed through mapping software such as ArcGIS or Google Earth. These models are built by first creating the geologic layers in the region using well logs, cross sections, and surface geologic maps to create an accurate representation of the subsurface. With the geologic framework complete, the hydraulic properties such as porosity, permeability, water level, and water quality are added to the model to allow for calculations of aquifer thickness and recoverable volumes. This important work has



been supported by a variety of partners such as the Healy Foundation, the NM EMNRD Oil Conservation District, and the USGS STATEMAP program. Several models are complete and available, while many others are under development.



Block diagrams, like this one of the Rio Rancho region, are just one of the many visual aids the 3D modeling group is creating.

Healy Collaborative Groundwater Level Monitoring Network

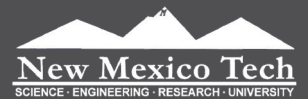


Measuring the depth to water in a well near Magdalena.

The Healy Collaborative Groundwater Monitoring Network was created in 2016 to better manage our groundwater resources in New Mexico. The goal of this network is to supplement existing groundwater level monitoring throughout the state by working with local well owners in regions with little to no current monitoring. This highly successful program includes over 140 water operators, citizens, scientists, and engineers that collect and maintain groundwater level information at over 700 locations. Through funding from the Healy Foundation, the USGS, and the Aquifer Mapping Program, NMBGMR staff visit more than 200 wells annually to measure depth-to-water and to install and maintain monitoring equipment. Contact us at nmbg-waterlevels@nmt.edu if you are interested in joining our network.



geoinfo.nmt.edu/resources/water/amp



New Mexico Bureau of Geology and Mineral Resources

The State Geologic Survey

A Research Division of
New Mexico Tech



We are a non-regulatory governmental agency (the state's geological survey) that conducts scientific investigations leading to responsible development of the state's mineral, water, and energy resources.

NM Bureau of Geology and Mineral Resources
801 Leroy Place
Socorro, NM 87801
(575) 835-5490 information

How to Become a Certified Potable Water Hauler in New Mexico (updated 2/6/2024)

If you are transporting water intended for human consumption to at least 15 service connections or 25 individuals daily for at least 60 days of the year, you must be a certified potable water hauler with the New Mexico Environment Department Drinking Water Bureau (NMED DWB).

There is NO FEE to apply to become a certified potable water hauler.

NMED DWB – Website to find application forms:

[All Application Forms and Guidance \(nm.gov\)](#)

- Go to the Drinking Water Bureau tab
 - Infrastructure Construction – Engineering Projects
 - Potable Water Hauling Application
 - Potable Water Hauling Application Checklist
- For questions, contact:
 - Emily Worthen, NMED DWB Infrastructure Support Team Lead
 - emily.worthen@env.nm.gov
 - Phone: 505-372-8098

General Requirements:

Mandatory items:

- Evidence that the tank and other delivery components (i.e. hoses) are approved for contact with water for human consumption (NSF 61) or food grade quality liquids (NSF51). These should be specifications from the tank manufacturer that indicate tank make and model, and that specify the tank is certified to NSF 61 or NSF 51 standards.
- A signed declaration that the water tank and all other delivery components have never come in contact with non-potable or non-food grade products.
 - Or a declaration listing any such products and evidence (i.e receipts) that the tank has been sufficiently re-conditioned to enable hauling potable water.
- Detailed tank description and photos or other documentation showing the following features:
 - Hatches or openings with watertight covers.
 - A tank drain that allows for complete draining of the tank and an opening to facilitate internal inspection.
 - All hoses and other dispensing units with watertight caps.
- A contract or other acknowledgement from a New Mexico public water system that provides chlorine disinfection with a measurable chlorine residual at the point of withdrawal by the water hauler and has no active acute violations. Use Drinking Water Watch at this link [Drinking Water Watch \(nm.gov\)](#) to determine if your source meets this requirement.
- An acknowledgement from the public water system receiving the water, if applicable, and a location description where the water will be added to the receiving water system (i.e. distribution tank, clearwell).
- Procedures that the water hauler will follow to obtain the water including:
 - Location tanks will be filled.
 - How chlorine residual will be recorded.

- Storing procedures (if applicable).
- Treatment (limited to chlorine addition to maintain residuals).
- Delivery to the receiving water system/individual connections.
- Initial routine and seasonal disinfection plan of each tank that conforms to AWWA C652.
- A copy of the certified operator certificate of the business operator who will be present for all deliveries (this can be a contract operator or a staff person if they are certified through the Utility Operator Certification Program).

Completed Water Hauler Application:

- The checklist is provided to ensure that all required information is sent.
- Email completed application to: [NMENV-DWBPlanReview@state.nm.us](mailto:NMENTV-DWBPlanReview@state.nm.us), or directly to emily.worthen@env.nm.gov
- Application will be reviewed.
- After approval, the engineering program will issue an approval letter identifying the appropriate compliance supervisor to contact for initial inspection.
- A DWB compliance officer will inspect your water truck and assign your business a New Mexico Public Water System ID number.
- Hauling water intended for human consumption is now permitted.

New Mexico Regulations Related to Water Hauler Certification

N.M. Code R Section 20.7.10.401 – General Operating Requirements for Water Haulers

[Section 20.7.10.401 - GENERAL OPERATING REQUIREMENTS FOR WATER HAULERS, N.M. Code R. §](#)

A. This section applies to each water hauler.

B. A water hauler subject to this section shall obtain for delivery disinfected water only from public water systems that are part of the department safe drinking water information system (SDWIS) inventory and do not pose an acute health threat based on violation of a maximum contaminant level or treatment technique.

C. A water hauler subject to this section shall:

- (1) disinfect each tank, before filling the tank for delivery, if it has not been used more than eight consecutive days;
- (2) disinfect each tank after every three months of continuous operation;
- (3) measure and record the disinfectant residual at the same time and place water is obtained from the public water system and immediately prior to when the water is delivered to the customer;
- (4) maintain a record of the date and time that each water hauling truck is disinfected;
- (5) for those water haulers that are owned or operated by a public water system, comply with the sampling requirements applicable to consecutive systems in accordance with Subsection E of Section 500 of this part; and
- (6) make each vehicle used for water hauling available for inspection by the department; at the time of the inspection the tank shall be empty and have a hatch or other opening to facilitate internal inspection.

D. A water hauler subject to this section shall use only water tanks with the following features:

- (1) Hatches or openings must have water tight covers.
- (2) The tank drain must allow for complete draining of the tank.
- (3) All hoses and other dispensing units must be equipped with water tight caps.

20.7.10.202.B NMAC

Website: [20.7.10 NMAC](#)

20.7.10.202 APPLICATION FOR WATER HAULERS THAT ARE NOT OWNED OR OPERATED BY ANOTHER PUBLIC WATER SYSTEM:

A. This section applies to each water hauler that is not owned or operated by a public water system. This section does not apply to the transport of bottled water regulated pursuant to 21 CFR Part 165.

B. Any person proposing to commence a water hauling operation for human consumption under this section shall complete, sign and submit an application to the department no later than 30 days prior to entering a service contract for delivering water for human consumption. The water hauler shall not produce, withdraw, store, transport or deliver water for human consumption until the department has approved the application in writing.

C. The application shall be made on form(s) furnished by the department and shall include:

(1) evidence that the water tank and other delivery components are approved for contact with water for human consumption;

(2) a declaration that the water tank and other water delivery components have never come into contact with a non-potable or non-food grade product, or a declaration listing any such products and evidence that the tank has been sufficiently reconditioned to enable hauling of potable water;

(3) a contract with a public water system authorizing receipt of water or other documentation demonstrating that the water to be hauled will come from a drinking water system that is included in the safe drinking water information system (SDWIS) inventory;

(4) a description of water hauling operation including the procedures for obtaining, storing, treatment of and delivery of water; and

(5) a disinfection plan for routine and seasonal disinfection of each tank.

[20.7.10.202 NMAC - N, 01/06/2013]

20.7.10.500.E MONITORING REQUIREMENTS:

A. Pursuant to NMSA 1978, 74-1-13.1, the department shall test non-transient non-community water systems for arsenic, fluoride and radionuclides. The reporting and public notification requirements for non-transient non-community water systems for these contaminants shall be identical to those for community water systems as set forth in 40 CFR Subpart Q.

B. Each supplier of water shall begin routine sampling in accordance with 40 CFR Part 141 within 90 days after providing water for human consumption.

C. All public water systems shall conduct sampling at the rates set forth in 40 CFR Part 141, Subpart C, except that non-transient non-community systems shall conduct coliform sampling at the same rates as like-sized community water systems in 40 CFR 141.21(a)(2) and except that consecutive systems shall sample as required in Subsection E of Section 500 of this part. The department may order a supplier of water, when necessary, to conduct more frequent sampling than is required under 40 CFR Part 141.

D. The department may order a public water system that uses two or more water sources to collect special purpose samples directly from the water sources, in addition to routine samples from sampling points as required under 40 CFR Part 141.

E. Consecutive systems shall collect samples for those contaminants for which monitoring is required in the distribution system. This includes measurement of disinfectant residuals and collection of samples for total coliform, lead and copper, and disinfection byproducts.

F. All public water systems must have sample taps to collect water representative of each applicable facility at sampling points required under 40 CFR Part 141.

G. For systems subject to triggered monitoring under 40 CFR Part 141 ground water rule: for each total coliform positive sample collected from the distribution system, at least one ground water source sample must be collected from each ground water source that was in use at the time the total coliform-positive sample was collected.

[20.7.10.500 NMAC - Rp 20 NMAC 7.1.III.301, 12/04/2002; A, 04/16/2007; A, 01/06/2013]

New Mexico Environment Department

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Water System Outage Checklist

*New Mexico Environment Department Drinking Water Bureau
Technical Services Program (updated 12/05/2023)*

STEP 1. IMPLEMENT YOUR SYSTEM'S EMERGENCY RESPONSE PLAN

Your water system's emergency response plan should include strategies, resources, plans, and procedures to respond to an incident such as a water outage. If your system does not have an emergency response plan or you are unable to implement the strategies outlined in your emergency response plan, immediately proceed to **STEP 2** below for emergency assistance.

STEP 2. CONTACT THE NMED DRINKING WATER BUREAU

- NMED 24-hour Emergency Hotline 505-827-9329
- Drinking Water Bureau Mainline 505-476-8620 or 877-654-8720 or by email drinking.water@state.nm.us

STEP 3. CONTACT YOUR COUNTY EMERGENCY MANAGER

- Contact your County Emergency Manager to request emergency assistance and determine if there are local county resources that may assist your community with water outages.

County Emergency Manager Cell Phone Numbers

Bernalillo	505-977-5212	Eddy	575-988-3166	Luna	575-544-7457	San Miguel	505-429-6805
Catron	505-553-0662	Grant	Vacant	McKinley	505-488-3986	Sandoval	505-934-3222
Chaves	575-910-5033	Guadalupe	575-512-6134	Mora		Santa Fe	505-670-0207
Cibola	505-285-7944	Harding	575-512-6319	Otero	575-551-4884	Sierra	
Colfax	575-707-3579	Hidalgo	575-534-5113	Quay	575-403-5286	Socorro	505-716-2333
Curry	575-763-9494	Lea	575-605-6561	Rio Arriba	505-901-8989	Taos	575-779-9381
De Baca	575-799-8247	Lincoln	575-808-1381	Roosevelt	575-607-5700	Torrance	505-705-0836
Doña Ana	575-496-8282	Los Alamos	505-709-8632	San Juan	505-320-8656	Union	575-207-5454
						Valencia	505-264-6240

STEP 4. SEEK TECHNICAL ASSISTANCE

- Contact New Mexico Rural Water Association (NMRWA) for assistance with troubleshooting the cause of the outage and NM WARN (Water / Wastewater Agency Response Network) information to join the network of systems that help each other out in emergency situations. Call 505-884-1031 or email info@nmrwa.org.

New Mexico County Emergency Managers (updated 09/19/2023)

County	Point of Contact	Office Phone	Cellular	Address	City, State Zip Code	E-Mail
Bernalillo	Thomas Walmsley	(505) 468-1309	(505) 977-5212	6840 Second St. NW	Albuquerque, NM 87107	twalmsley@bernco.gov
Catron	Dusty Choate	(575) 533-6498	(505) 553-0662	3 Mountaineer Road (P.O. Box 507)	Reserve, NM 87830	dusty.choate@catroncountynm.gov
Chaves	Karen Sanders	(575) 624-6740	(575) 910-5033	2800 Wiltshire Blvd	Roswell, NM 88201	k.sanders@roswell-nm.gov
Cibola	Dustin Middleton	(505) 285-2558	(505) 285-7944	515 W. High St. Suite B	Grants, NM 87020	dmiddleton@co.cibola.nm.us
Colfax	Thomas Vigil	(575) 445-7050	(575) 707-3579	230 North 3rd Street (P.O. Box 1498)	Raton, NM 87740	tvigil@co.colfax.nm.us
Curry	Ruthann Kelly (Interim)	(575) 763-9487	(575) 763-9494	321 N. Connelly St	Clovis, NM 88101	rkelly@cityofclovis.org
De Baca	Linda Boyd	(575) 355-2405	(575) 799-8247	P.O. Box 347	Ft. Sumner, NM 88119	dbcrecc@plateau.net
Dona Ana	Stephen Lopez	(575) 647-7902	(575) 496-8282	845 N. Motel Blvd	Las Cruces, NM 88007	stephen@donaanacounty.org
Eddy	Jennifer Armendariz	(575) 628-5454	(575) 988-3166	101 W. Greene Street	Carlsbad, NM 88220	jarmendariz@eddyoem.com
Grant	Vacant	(575) 956-5426		1400 Highway 180 East	Silver City, NM 88061	Emergency Management - Grant County
Guadalupe	Ben Rael	(575) 472-3306	(575) 512-6134	130 S. 4th Street	Santa Rosa, NM 88435	brael@guadco.us
Harding	Victoria Villarreal	(575) 673-2231	(575) 512-6319	35 Pine Street	Mosquero, NM 87733	v.villarreal@hardingcounty.org
Hidalgo	Tyler Plumb	(575) 542-8827	(575) 534-5113	305 Pyramid St	Lordsburg, NM 88045	tyler.plumb@hidalgocounty.org
Lea	Lorenzo Velasquez	(575) 391-2961	(575) 605-6561	1019 East Bender Blvd.	Hobbs, NM 88240	lvelasquez@leacounty.net
Lincoln	Joe Kenmore	(575) 336-8600	(575) 808-1381	300 Central Avenue (P.O. Box 711)	Carrizozo, NM 88301	jkenmore@lincolncountynm.gov
Los Alamos	Beverly Simpson	(505) 662-8283	(505) 709-8632	1000 Central Ave	Los Alamos, NM 87544	Beverly.simpson@lacnm.us
Luna	Phillip Rodriguez	(575) 543-6569	(575) 544-7457	700 S. Silver Ave	Deming, NM 88030	emergency_management@lunacountynm.us
McKinley	Adam Berry	(505) 722-4248	(505) 488-3986	2221 Boyd Ave (P.O. Box 70)	Gallup, NM 87305	adam.berry@co.mckinley.nm.us
Mora	David Montoya	(575) 447-0161		1 Courthouse Dr	Mora, NM 87732	dmontoya@countyofmora.com
Otero	Matthew Clark	(575) 439-2612	(575) 551-4884	1101 New York Avenue	Alamogordo, NM 88310	mclark@co.otero.nm.us
Quay	Pierce Gutierrez	(575) 461-8535	(575) 403-5286	300 S. Third Street (P.O. Box 1246)	Tucumcari, NM 88401	pierce.gutierrez@quaycounty-nm.gov
Rio Arriba	Alex Sisneros	(505) 747-1941	(505) 901-8989	1122 Industrial Park Road	Espanola, NM 87532	alex.sisneros@rio-arriba.org
Roosevelt	Johnny Montiel	(575) 359-2869	(575) 607-5700	1111 W Fir St	Portales, NM 88130	jmontiel@rooseveltcountry.com
San Juan	Mike Mestas	(505) 334-4714	(505) 320-8656	209 S. Oliver Dr	Aztec, NM 87410	mmestas@sjcounty.net
San Miguel	Dennis Esquibel	(505) 425-6190	(505) 429-6805	500 W. National Ave. Suite 105	Las Vegas, NM 87701	desquibel@co.sanmiguel.nm.us
Sandoval	Dan Heerding	(505) 867-0245	(505) 934-3222	1500 Idalia Rd, Bldg D	Bernalillo, NM 87004	dheerding@sandovalcountynm.gov
Santa Fe	Martin Vigil, EM	(505) 992-3072	(505) 670-0207	100 Catron St	Santa Fe, NM 87501	mavigil@santafecountynm.gov
Sierra	Ryan Williams	(575) 894-6215		1712 N. Date, Suite D	Truth or Consequences, NM 87901	rwilliams@sierraco.org
Socorro	Gail Rogers-Tripp	(575) 835-2029 x 1200	(505) 716-2333	198 Neel Avenue	Socorro, NM 87801	grogers@co.socorro.nm.us
Taos	Bobby Lucero	(575) 737-6459	(575) 779-9381	6 Miranda Canyon Rd	Ranchos De Taos, NM 87557	bobby.lucero@taoscounty.org
Torrance	Samantha O'Dell	(505) 544-4727	(505) 297-9981	PO Box 48 903A State Highway 41	Estancia, NM 87016	sodell@tcnm.us
Union	Kris Lawrence	(575) 207-5454	(575) 207-5454	200 Court St (P.O. Box 430)	Clayton, NM 88415	emergencymgr@unionnm.us
Valencia	Sarah Gillen	(505) 866-2043	(505) 264-6240	444 Luna Avenue	Los Lunas, NM 87031	sarah.gillen@co.valencia.nm.us

Local Emergency Planning Committees CONTACT INFORMATION

Albuquerque - LEPC
Eugen McPeck, 505-934-8702
lepc@lepcabq.org
www.lepcabqbernmco.org

Catron County LEPC
Dusty Choate, 575-533-6498
dusty.Choate@catroncountynm.gov

Chaves County / Roswell – LEPC
Karen Sanders, 575-624-6740
k.sanders@roswell-nm.gov

Cibola County - LEPC
Dustin Middleton, 505-285-2558
dmiddleton@co.cibola.nm.us

Colfax County – LEPC
Thomas Vigil, 575-445-7050
tvigil@co.colfax.nm.us

Clovis-Curry County - LEPC
Dan Heerding, 575-763-9485
dheerding@cityofclovis.org
www.cityofclovis.org/lepc

De Baca County - LEPC
Linda Boyd, 575-355-2405
dbcrecc@plateautel.net

Dona Ana County/Las Cruces – LEPC
Jason Smith, 575-647-7900
daclepcsec@gmail.com
www.donaanacounty.org/emergency/lepc

Eddy County - LEPC
Jennifer Armendariz, 575-628-5454
jarmendariz@eddyOEM.com
www.eddyoem.com

Grant County – LEPC
Gilbert Helton, 575-574-0065
ghelton@grantcounty.nm.gov

Guadalupe County – LEPC
Lorenzo Mata, 575-472-3711
lmata@guadco.us

Harding County – LEPC
A. Raymond Gutierrez, 575-673-2231
hcsogutz@hardingcounty.org

Hidalgo County – LEPC
Scott Richins, 575-534-5113
911addressor@hidalgocounty.org
Scott.richins@hidalgocounty.org

Los Alamos County – LEPC
Beverly Simpson, 505-662-8283
Beverly.simpson@lacnm.us

Lea County – LEPC
Lorenzo Velasquez, 575-391-2983
lvelasquez@leacounty.net
<http://www.leacounty.net/EmergencyMgt/emeboutus.html>

Lincoln County – LEPC
Joe Kenmore, 575-336-8601
Or 575-808-1381
jkenmore@lincolncountynm.gov

Luna County / Deming – LEPC
Sheriff Kelly Gannaway, 575-546-2655
kgannaway@lunacountynm.us

McKinley County – LEPC
Susan Mahooty, 505-722-4248
smahooty@co.McKinley.nm.us

Mora County – LEPC
Rumaldo Pino, 575-387-5393
moracopz@yahoo.com

Otero County – LEPC
James LeClair, 575-439-4298
jleclair@ci.alamogordo.nm.us

Quay County – LEPC
Daniel Zemora, 575-461-8535
Daniel.zemora@quaycounty-nm.gov

Rio Arriba County - LEPC
Alfredo Montoya, 505-747-6367
aamontoya@rio-arriba.org

Roosevelt County – LEPC
Johnny Montiel, 575-359-2869
jmontiel@rooseveltcounty.com

San Juan County – LEPC
Mike Mestas, 505-334-4714
mmestas@sjcounty.net
www.sjcoem.com/communityprograms/lepc

San Miguel County/Las Vegas – LEPC
Connie Abila, 505-425-6190
cabila@co.sanmiguel.nm.us

Sandoval County – LEPC
Seth Muller, 505-867-0245
EOC@sandovalcountynm.gov

Santa Fe County – LEPC
Martin Vigil, 505-992-3072
mavigil@santafecounty.org

Sierra County – LEPC
Paul Tooley, 575-891-6215
ptooley@sierraco.org

Socorro County – LEPC
Jerry Wheeler, 575-835-2029
jwheeler@co.socorro.nm.us

Taos County – LEPC
Bobby Lucero, 505-737-6459
bobby.lucero@taoscounty.org

Torrance County – LEPC
Mat Propp, 505-544-4727

Union County – LEPC
Robert Wingo, 575-207- 5454
emergencymgr@unionnm.us

Valencia County – LEPC
Sarah Gillen, 505-866-2043
Sarah.gillen@loslunasnm.gov

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Filling Station	Contact	Phone / Email	County	Area Served
Alamogordo Domestic Water System	Dave Nunnolley	575-437-5991 dnunnolley@ci.alamogordo.nm.us	Otero	Any Area
Algodones WUA	John Arango	505-379-4133 jarango@nmia.com	Sandoval	Algodones WUA consumers only
Ancones MDWWCA	Stacy Chacon	505-423-5702 anconesmutualdomestic@gmail.com	Rio Arriba	Any area
Aztec Domestic Water System	Andrew Galloway	505-334-8684 agalloway@aztecnm.gov	San Juan	Any area
Bloomfield Water Supply System	Ruben Armenta	505-632-2486 armenta@bloomfieldnm.com	San Juan	Bloomfield Water Supply System consumers only
Camino Real Regional Utility Authority	Brent Westmoreland	575-649-9349 brentw@donaanacounty.org	Dona Ana	Surrounding Area
City of Raton/Raton Water Works	Terry Sykes	575-445-3861 tsykes@cityofraton.com	Colfax	Surrounding Area
Cordova MDWCA	Angelo Sandoval	505-927-0824 sandoval.angelo45@gmail.com	Rio Arriba	Any Area
Corona Water System	Terri Racher	575-849-5511 villageofcorona@plateautel.net	Lincoln	Any Area
Coyote Creek Mutual Domestic WUA	Jennifer Wagner	928-551-8358 jeniann34@gmail.com	Catron	Any area, during extreme emergencies only
Cuba Water System	Ester Herrera	575-289-2020 cubawater@gmail.com	Sandoval	Cuba Water System consumers only
Deming Municipal Water System	Archie Heddleston	575-494-0831 martmath1@hotmail.com	Luna	Any Area
El Creston MDWCA	Gene Solyntjes	505-425-2613 genes0504@gmail.com	San Miguel	El Creston MDWCA consumers only
El Vadito De Los Cerrillos Water Assoc	Todd Brown	505-438-3008 brownp52@yahoo.com	Santa Fe	El Vadito De Los Cerrillos Water Assoc consumers only
Elida Water System	Kimberly Summers	575-274-6465 townofelida@yucca.net	Roosevelt	Roosevelt County residents only
Entranosa Water and Wastewater Coop	Jack Crider	505-281-8700 jcrider@entranosawater.com	Bernalillo	Any area
Fort Sumner Municipal Water System	Jamie Wall	575-355-2401 fscityhalljw@plateautel.net	De Baca	Any Area
Gallup Water System	Adrian Maruffo	505-726-6041 amaruffo@gallupnm.gov	McKinley	Any area

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Filling Station	Contact	Phone / Email	County	Area Served
Socorro	Lloyd Martinez	575-650-0545 lmartinez@socorronm.gov	Socorro	Any area
Silver City Water System	Robert Esqueda	575-534-6355 resqueda@qwestoffice.net	Grant	Any Area
Tecolote MDWCA	Angela Herrera	575-427-1141 chatoymaria1961@gmail.com	San Miguel	Any area, during extreme emergencies only
Tecolotito MDWCA	Veronica Castro	505-426-6210 elvallewater@hotmail.com	San Miguel	Any Area
Timberon W and SD	JJ Duckett	575-987-2250 gm@timberonwater.com	Otero	Any Area
Tres Piedras MDWCA	Olivia Payne	575-737-0333 office@trespiedras.com	Taos	Any Area
Twin Forks MDWCA	Mike Woodson	575-415-1418 twinforks@pvt.net	Otero	Twin Forks MDWCA consumers only
Very Large Array VLA	Shane Baca	575-835-7323 sbaca@aoc.nrao.edu	Socorro	Any area, water haulers or large containers only
West Rim	David Baca	575-613-0994 davidbaca@westrimwater.com	Taos	Taos County residents only
White Sands Missile Range (Main Post)-FF	Jeffrey A Smith	575-678-6433 jeffrey.a.smith591.civ@mail.mil	Dona Ana	Any Area
Wild and Wooley Trailer Ranch	David Rivera	505-204-1259 rivera.david1971@gmail.com	Santa Fe	Wild and Wooley Trailer Ranch consumers only
Willard Village Of	Angelina Halbert	505-720-2408 anilegna1129@gmail.com	Torrance	Any Area

For more information about **this Checklist**, please contact:

New Mexico Environment Department
Drinking Water Bureau

Call: 505-476-8620 or 877-654-8720

Email: drinking.water@env.nm.gov

Website: https://www.env.nm.gov/drinking_water/

Laboratories Certified by NMED-DWB to Analyze Drinking Water Samples for Water Systems in New Mexico

Last Updated: 8/28/2023

Laboratory	Lab Certification Number	Certified to Analyze for Analyte group(s)*	Location	Certification Expiration Date	Phone	** On Contract
ABC/WUA Water Quality Lab	NM0802	M	Albuquerque, NM	7/31/2024	(505) 289-3499	Y
ACZ Laboratories	CO00028	HM, Pb/Cu, IO, RAD, TOC, SD	Steamboat Springs, CO	7/31/2024	(970) 879-6590	N
ALS Laboratory Group - Cincinnati	OH01323	A	Cincinnati, OH	4/1/2024	(513) 733-5336	N
Anatek Labs Inc. - Moscow	ID00013	HM, SOC, VOC, IO, DBP, SD, Pb/Cu, PFAS, TOC, DOC	Moscow, ID	6/30/2024	(208) 883-2839	N
Anatek Labs Inc. - Spokane	WA00169	RAD	Spokane, WA	6/30/2024	(509) 838-3999	N
Aqua Environmental Testing - AlamoGordo	NM1608	M	AlamoGordo, NM	8/16/2025	(575) 921-8330	Y
Aqua Environmental Testing - Las Cruces	NM1201	M	Las Cruces, NM	5/20/2024	(575) 526-0871	Y
Aqua Environmental Testing - Ruidoso	NM0701	M	Ruidoso, NM	6/2/2025	(575) 336-1107	Y
BSN dba Indepth Water Testing	NM9412	M	Santa Fe, NM	4/16/2025	(505) 471-2023	Y
Cape Fear Analytical	NCC01894	DI	Wilmington, NC	8/31/2023	(910) 795-0471	N
Cardinal Laboratories	NM00036	M, VOC, DBP, SOC, HM, PFAS, RAD, DI, A, IO, Pb/Cu, TOC, DOC	Hobbs, NM	4/30/2024	(575) 393-2326	Y
City of Carlsbad	NM9405	M	Carlsbad, NM	4/6/2024	(575) 628-8176	Y
Farmington Environmental Lab	NM9448	M, E	Farmington, NM	7/17/2024	(505) 325-6953	Y
City of Hobbs	NM9411	M	Hobbs, NM	6/8/2024	(575) 397-9315	Y
City of Las Cruces	NM9415	M	Las Cruces, NM	6/8/2024	(575) 528-3604	N
City of Rio Rancho	NM1301	M	Rio Rancho, NM	2/11/2024	(505) 891-5024	N
City of Roswell	NM9422	M	Roswell, NM	3/17/2025	(575) 891-5024	N
City of Tucumanari	NM9429	M, E	Tucumanari, NM	6/1/2025	(575) 624-6752	Y
Diagnostic & Technology Center	NM0501	M, E	AlamoGordo, NM	1/26/2024	(575) 461-4372	Y
EMSL Analytical	NM0337	SUR, RAD, PFAS, Pb/Cu	Cinnaminson, NJ	8/15/2025	(505) 434-4944	Y
Environmental Testing Services Co., Inc.	NM9414	M, E	Albuquerque, NM	6/30/2024	(800) 220-3675	N
EPCOR Water	NM9901	M	Albuquerque, NM	4/26/2024	(505) 881-0243	Y
Eurofins CEI, Inc.	NCC2074	A	Cary, NC	3/15/2025	(575) 763-5538	Y
Eurofins -Savannah	GA00006	HM, VOC, IO, DBP, SD, Pb/Cu, TOC, DOC, SUVA	Savannah, GA	4/1/2024	(919) 481-1413	N
Eurofins Eaton Analytical - Pomona (formerly Monrovia)	CA00006	DI, VOC, DBPs, PFAS, TOC, DOC, SUVA, M, E, NO2/NO3	Pomona, CA	6/30/2024	(912) 354-7858	N
Eurofins Eaton Analytical - South Bend	IND0035	HM, SOC, VOC, RAD, IO, DBP, SD, Pb/Cu, SUR, M, E, PFAS, TOC, DOC, SUVA	South Bend, IN	1/31/2024	(626) 386-1100	N
Eurofins TestAmerica - St. Louis	MO00054	RAD	St. Louis, MO	6/30/2024	574-233-4777	N
Gallup Microbiology Lab	NM0501	M	Gallup, NM	6/30/2024	314-298-8566	N
GEL Laboratories, LLC	SC00012	HM, RAD, IO, SD, Pb/Cu, PFAS (537.1 only)	Charleston, SC	3/15/2026	(505) 863-2001	Y
Green Analytical	CO01041	Pb/Cu, IO	Durango, CO	10/31/2023	(843) 556-8171	N
Hall Environmental Analysis Lab	NM9425	A, RAD, HM, SOC, VOC, IO, DBP, SD, Pb/Cu, PFAS, M, E, SUR, TOC, DOC, SUVA, SD	Albuquerque, NM	1/31/2024	(970) 247-4220	N
High Desert Agricultural Consulting	NM1305	M	Deming, NM	2/25/2024 & 1/5/2025 (M, E)	(505) 345-3975	Y
IEH Scientific Methods	IND01704	SUR	Granger, IN	4/4/2026	(520) 400-8845	Y
Industrial Water Engineering	NM2201	M, E	Albuquerque, NM	4/8/2024	(574) 277-4078	Y
National Testing Laboratories, Ltd.	MI00044	HM, VOC, RAD, IO, DBP, SD, Pb/Cu, M, E, TOC, DOC	Ypsilanti, MI	2/4/2025	(505) 345-5055	Y
Niagara Bottling, LLC	PA01348	M, E	Howard, PA	6/30/2024	(734) 483-8333	N
NM Microbiology Lab	NM9428	M	Milan, NM	6/30/2024	(814) 357-6084	N
NM Water Testing Laboratory	NM9419	M, E	Espanola, NM	9/15/2023	(505) 259-8847	Y
Northeast Laboratory Services	ME00009	M, E	Winslow, ME	6/8/2025	(505) 929-4545	Y
Pace Analytical National - TN	TN00003	HM, Pb/Cu, SD, VOC, DBP, RAD, TOC, DOC	Mt. Juliet, TN	12/7/2023	(207) 873-7711	N
PAE Analytical Services, Inc. - PA	PA01457	RAD	Greensburg, PA	7/31/2024	(615) 758-5858	N
SLD - Scientific Laboratory Division	NM9424, NM00023	HM, SOC, VOC, RAD, IO, DBP, SD, Pb/Cu, M, E, TOC, SUVA	Albuquerque, NM	3/31/2024	(724) 850-5600	Y
Raton Waste Water Laboratory	NM9454	M	Raton, NM	12/30/2023	(505) 383-9000	N
Red River AWWT Laboratory	NM9420	M	Red River, NM	10/29/2023	(575) 445-3861	Y
Town of Silver City	NM9427	M	Silver City, NM	11/20/2023	(575) 754-2277	Y

Analyte Group Names

HM = heavy metals	Pb/Cu = lead and copper	E = E. coli enumeration	IO = Inorganics (Ni, FLU, Cr)	SUVA = Specific UV ABS
SOC = synthetic organic chemicals	DBP = disinfection byproducts	A = Asbestos	PFAS = Per- and Polyfluoralkyl Substances	
VOC = volatile organic chemicals	SUR = Cryptosporidium, Giardia, MPA	DI = dioxin	TOC = Total Organic Carbon	
RAD = radiologicals	M = microbiological	SD = secondaries	DOC = Dissolved Organic Carbon	

** Laboratories listed as "N" are not on contract with NMED-DWB and may not submit invoices for payment of sample analyses. Systems utilizing labs which are not under contract with NMED-DWB are responsible for payment of services. Items in RED, lab is certified, but not on contract.

Laboratory has submitted an application to New Mexico Drinking Water Laboratory Certification Program. Certification renewal is in progress.

Lab is "Provisionally Certified" at this time.

The Healy Collaborative Groundwater Monitoring Network

This work is funded by the Healy Foundation, and implemented by the Aquifer Mapping Program at the New Mexico Bureau of Geology and Mineral Resources (NMBGMR).

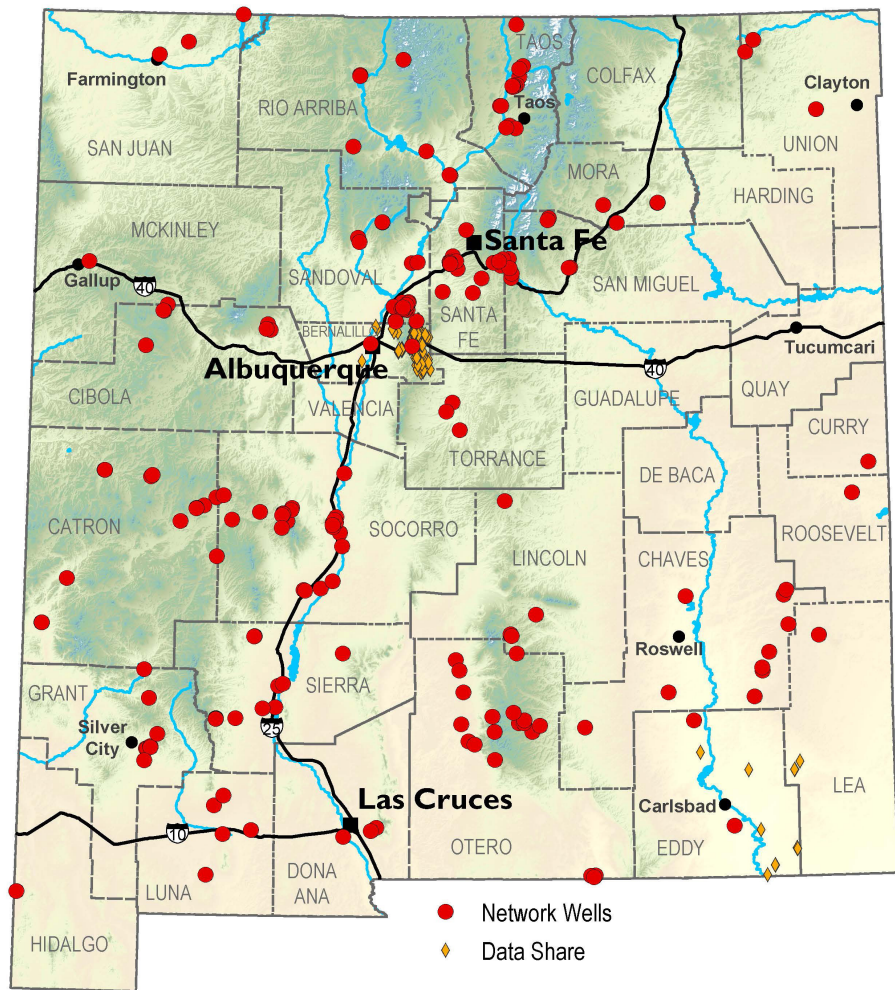
While it is difficult to predict the exact future of water in New Mexico, we can make good estimates based on current trends and the recent past. Basic monitoring of our groundwater is essential for tracking changes and making informed water management and planning decisions. Collecting and maintaining records of groundwater level measurements in various aquifers across the state is increasingly important as we continue to rely on groundwater.

In response to the need for broader coverage of measurements, the Healy Collaborative Groundwater Monitoring Network was created in 2016. The goal of this Network is to supplement existing groundwater level monitoring throughout the state by working with local well owners in data poor regions. This highly successful program has grown to include over 140 active members including water operators, citizens, scientists, and engineers that collect and maintain groundwater level information at over 700 locations. Through funding from the Healy Foundation, the USGS, and the Aquifer Mapping Program, at this time, Network staff visit more than 190 wells annually to measure depth to water, and to install and maintain monitoring equipment.

The groundwater data collected under this program are publicly available, and can be viewed on the NMBGMR interactive map at maps.nmt.edu under the Water Resources layer list.

The Healy Collaborative Groundwater Network is available to install monitoring devices, or manually measure groundwater levels in wells. Collaboration in this network is easy – this is all **at NO cost to the well owner**.

If you own a well, or know of a water system that may be interested in learning more about this program, please reach out to us at nmbg-waterlevels@nmt.edu



We need your help!

WELL SHARING

NMBGMR can visit your site and, if your well is appropriate, we can plan manual measurements or set up continuous water level measurements.

DATA SHARING

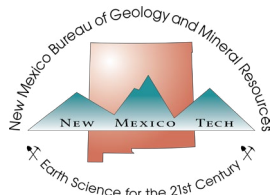
A well owner/operator can submit accurate water level measurements to NMBGMR database to become publicly available data.

April 2022 Network Inventory:

- 538 Data Share Locations
- 208 Well Share Locations
 - 42 – WellIntel
 - 55 – Data logger
 - 111 – Manual Only

geoinfo.nmt.edu/resources/water/cgmn/

We are a non-regulatory governmental agency (the state's geological survey) that conducts scientific investigations leading to responsible development of the state's mineral, water, and energy resources.



Drought /Resiliency

Resilience of Water Use Sectors to Climate Change in NM March 7, 2022

Discussion-Climate change predictions indicate that the rate of aquifer recharge will diminish over the next 50 years. It is important for Public Water Systems to understand the depletions of the water in your locale. In NM, 144 of the 604 PWSs have only one well. These systems are very vulnerable compared to systems with back up wells or secondary source of water.

The volume of treated water that a PWS can hold in storage tanks is important for increasing resiliency. Sudden loss of water due to power failure, water level declined, flooding, can be less disruptive if sufficient water is held for storage. Your storage tanks should be sized for holding at least a days flow at average demand or for fire flow requirements whichever is more. A PWS needs to balance between having enough capacity for improved resilience yet not overcapacity, which can degrade water quality if stored too long.

PWSs are facing increased risks to water supplies and damage to infrastructure. Systems that are prepared with an agreement and necessary piping to receive an alternative supply of water during an emergency are more resilient. A 2021 survey of PWSs were asked a series of questions about

each systems preparedness for emergencies. Of 410 PWSs surveyed 310 said they have an emergency supply of water and 100 systems said they had no supply or said they would buy bottled water; 194 did not answer the survey.

Understanding the rate of water-level decline in wells and understanding the response of streamflow to precipitation events and snowpack melt are important to managing the water resources. The 2021 NMED DWB survey asked PWS if water levels were monitored in their water supply wells. 67% responded and 196 said they did not monitor water levels.

How many Water Sources (wells) does your water systems have?

Are your wells producing at anticipated rates?

Does your system monitor your well depth regularly?

How many days of storage capacity does your water system currently have?

Does your water system have an agreement and necessary piping to receive an alternative supply of water during an emergency?

Does your PWS have an emergency reserve account?

What does resilient mean to you? Do you feel like you water system is resilient?

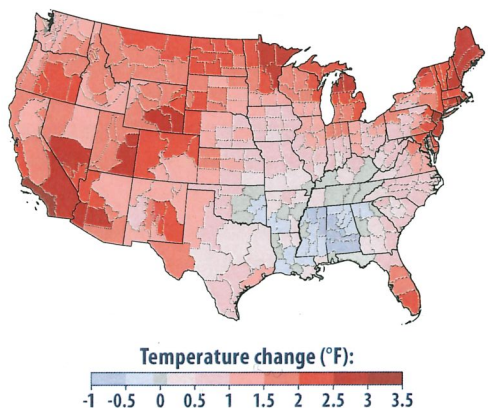
Do you know if your Emergency Response Plan addresses water outages?

What Climate Change Means for New Mexico

New Mexico's climate is changing. Most of the state has warmed at least one degree (F) in the last century. Throughout the southwestern United States, heat waves are becoming more common, and snow is melting earlier in spring. In the coming decades, our changing climate is likely to decrease the flow of water in the Colorado, Rio Grande, and other rivers; threaten the health of livestock; increase the frequency and intensity of wildfires; and convert some rangelands to desert.

Our climate is changing because the earth is warming. People have increased the amount of carbon dioxide in the air by 40 percent since the late 1700s. Other heat-trapping greenhouse gases are also increasing. These gases have warmed the surface and lower atmosphere of our planet about one degree during the last 50 years. Evaporation increases as the atmosphere warms, which increases humidity, average rainfall, and the frequency of heavy rainstorms in many places—but contributes to drought in others.

Greenhouse gases are also changing the world's oceans and ice cover. Carbon dioxide reacts with water to form carbonic acid, so the oceans are becoming more acidic. The surface of the ocean has warmed one degree during the last 80 years. Warming is causing snow to melt earlier in spring.



Rising temperatures in the last century. The last decade was the warmest on record in the Southwest. Source: EPA, *Climate Change Indicators in the United States*.

Snowpack

As the climate warms, less precipitation falls as snow, and more snow melts during the winter. That decreases snowpack—the amount of snow that accumulates over the winter. Since the 1950s, the snowpack has been decreasing in New Mexico, as well as in Colorado, Utah, and Wyoming, which matters because the headwaters of the Rio Grande, San Juan, Colorado, and Navajo rivers are in those states.

Diminishing snowpack in northern New Mexico will shorten the season for skiing and other forms of winter tourism and recreation. The tree line may shift, as subalpine fir and other high-altitude trees become able to grow at higher elevations. A higher tree line would decrease the extent of alpine tundra ecosystems, which could threaten some species.

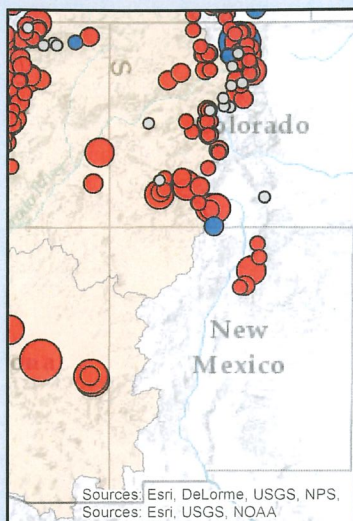


Ski areas like Taos Ski Valley (shown here) depend on seasonal snowpack, which has declined at all long-term monitoring sites in the Sangre de Cristo range. © Chris Lamie; used by permission.

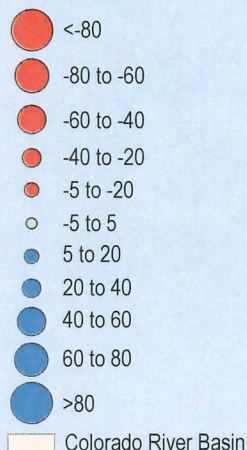
Water Availability

The changing climate is likely to increase the need for water but reduce the supply. Warmer temperatures increase the rate at which water evaporates (or transpires) into the air from soils, plants, and surface waters. Irrigated farmland would thus need more water. But less water is likely to be available, because precipitation is unlikely to increase enough to make up for the additional water lost to evaporation. Annual rainfall is more likely to decrease than increase. So soils are likely to be drier, and periods without rain are likely to become longer, making droughts more severe.

The decline in snowpack could further limit the supply of water for some purposes. Mountain snowpacks are natural reservoirs. They collect the snow that falls during winter and release water when the snow melts during spring and summer. Over the past 50 years, snowpack has been melting earlier in the year (see map on back page). Dams capture most meltwater and retain it for use later in the year. But upstream of these reservoirs, less water is available during droughts for ecosystems, fish, water-based recreation, and landowners who draw water directly from a flowing river.



Snowpack, 1955–2015 Percent Change



Trends in April snowpack in New Mexico and Colorado, 1955–2013. The snowpack has declined at most monitoring sites in both states. Source: EPA.

Agriculture

Increasing droughts and higher temperatures are likely to interfere with New Mexico's farms and cattle ranches. Hot weather can threaten cows' health and cause them to eat less, grow more slowly, and produce less milk. Livestock operations could also be impaired by fire and changes in the landscape from grassland to woody shrubs more typical of a desert. Reduced water availability would create challenges for ranchers, as well as farmers who irrigate fruits, vegetables, pecans, and other nut trees.

Wildfires and Changing Landscapes

Higher temperatures and drought are likely to increase the severity, frequency, and extent of wildfires, which could harm property, livelihoods, and human health. On average, more than 2 percent of the land in New Mexico has burned per decade since 1984. Wildfire smoke can reduce air quality and increase medical visits for chest pains, respiratory problems, and heart problems.

The combination of more fires and drier conditions may expand deserts and otherwise change parts of New Mexico's landscape. Many plants and animals living in arid lands are already near the limits of what they can tolerate. A warmer and a drier climate would generally extend the Chihuahuan desert to higher elevations and expand its geographic range. In some cases, native vegetation may persist and delay or prevent expansion of the desert. In other cases, fires or livestock grazing may accelerate the conversion of grassland to desert in response to the changing climate. For similar reasons, some forests may change to desert or grassland.



In 2012, New Mexico experienced the largest wildfire in the state's recorded history, the Whitewater-Baldy Complex Fire. Credit: Gila National Forest.

Pests

Warmer, drier conditions make forests more susceptible to pests. Drought reduces the ability of trees to mount a defense against attacks from pests such as bark beetles, which have infested 200,000 acres in New Mexico. Temperature controls the life cycle and winter mortality rates of many pests. With higher winter temperatures, some pests can persist year-round, and new pests and diseases may become established.

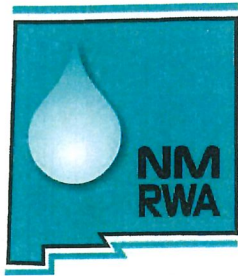
Extreme Heat

Hot days can be unhealthy—even dangerous. Certain people are especially vulnerable, including children, the elderly, the sick, and the poor. High air temperatures can cause heat stroke and dehydration, and affect people's cardiovascular, respiratory, and nervous systems. Higher temperatures are amplified in urban settings where paved and other surfaces tend to store heat. Warmer air can also increase the formation of ground-level ozone, a key component of smog. Construction crews may have to increasingly operate on altered time schedules to avoid the heat of the day.

Tribal Communities

Climate change threatens natural resources and public health of tribal communities. Rising temperatures and increasing drought are likely to decrease the availability of certain fish, game, and wild plants on which the Navajo and other tribes have relied for generations. Water may be less available for domestic consumption, especially for those who are not served by either municipal systems or reliable wells, which includes about 30 percent of the people on the Navajo Nation, who must haul water to meet daily needs. Recurring drought and rising temperatures may also degrade the land itself. On the Arizona portion of the Navajo Nation, for example, the Great Falls Dune Field has advanced almost a mile in the last 60 years, threatening roads, homes, and grazing areas. Extreme heat may also create health problems for those without electricity, including about 40 percent of the people on the Navajo reservation.

The sources of information about climate and the impacts of climate change in this publication are: the national climate assessments by the U.S. Global Change Research Program, synthesis and assessment products by the U.S. Climate Change Science Program, assessment reports by the Intergovernmental Panel on Climate Change, and EPA's *Climate Change Indicators in the United States*. Mention of a particular season, location, species, or any other aspect of an impact does not imply anything about the likelihood or importance of aspects that are not mentioned. Depiction of trade names does not constitute endorsement of the product. For more information about climate change science, impacts, responses, and what you can do, visit EPA's Climate Change website at www.epa.gov/climatechange.



Source Water Protection Action List for Wildfire and Postfire
NMRWA Source Water Protection Program
January 12, 2024

1. Engage with forest and fire professionals (e.g., USFS, NM State Forestry, County Emergency Manager, Volunteer Fire Department, emergency responders/firefighters) to educate, inform, and learn.
2. Educate land managers, emergency managers, first responders, and others about the water system and its vulnerabilities.
 - Provide source water location and details to these entities. (Can also work with NMRWA's SWP Program to do this.)
 - Discuss appropriate forest treatment and fire suppression activities around drinking water sources
 - Provide information regarding any fragile infrastructure before it is used for fire suppression during forest treatments and fire/postfire activities
3. Follow Firewise guidelines for the water system's buildings and other critical infrastructure. Assess the wildfire defense zones for source water, buildings, treatment plants, and storage tanks (Immediate Zone 0-5 ft, Intermediate Zone 5-30 ft, and Extended Zone 30-100 or 200 ft. *The minimum SWP Zone around a water source is typically 200 ft.*)
4. Support and participate in a watershed health initiative or other fire prevention projects
5. Participate in the County CWPP Update through, and advocate for more targeted (community/regional) CWPPs with these partners
6. Whenever possible, ensure that these projects specifically consider the protection of the system's source water
 - Promote designing and implementing projects that specifically address protecting the water system's source water and improving water quality.
 - Projects should consider both how to protect water sources from the threat of wildfire and the effects of postfire processes such as erosion, loss of canopy, and debris flows.
 - Projects should reflect the drinking water sources' sensitivity so that fire suppression chemicals, trampling, and erosion created during firefighting efforts are avoided.
7. Consider additional studies that would inform on the vulnerabilities/resilience of water system's source water and infrastructure particularly in the context of wildfire and postfire, such as:
 - A geotechnical study of the deposits and land surfaces to evaluate their stability and possible postfire effects
 - Establish a baseline, or continue documenting, current water quality and quantity conditions at source water (applies to surface water and groundwater systems)
 - Characterize springs using standardized documentation (e.g., the Spring Inventory Assessment <https://springstewardshipinstitute.org/protocols>)

WARN Mutual Aid Agreement

WARN stands for Water / Wastewater Agency Response Network, and it is a private, voluntary agreement between systems to help each other out in emergency situations. The NMWARN agreement is modeled after several other state agreements, and based on actual experience and lessons learned in widespread disasters such as Hurricane Katrina and others. The main concept of the NMWARN is "utilities helping utilities."

This agreement sets out rules which will govern the request and provision of assistance process by drinking water and wastewater WARN members during any kind of emergency. Membership is open to all drinking water and wastewater utilities in New Mexico, public or private, and there is no cost to execute the agreement and join the NMWARN. Membership will allow any utility to request assistance or provide assistance during any kind of emergency (man-made or natural). It is important to remember that provision of assistance is strictly voluntary; no member of the WARN is required to provide assistance under any circumstances. Utilities may decide to discontinue membership in the WARN at any time.

The key to fast response in emergency situations is preparedness, and generally the most difficult things to work out are the legal details: liability, responsibility, reimbursement, etc. These seemingly minor details become large obstacles to effective response when disaster strikes. The NMWARN was developed to take care of these details beforehand and facilitate federal emergency funding in case of disaster. A signed agreement in place between systems allows for quick response, even before a disaster has been officially declared. Federal law prohibits responding utilities from receiving federal reimbursement money if there is no signed agreement in place prior to the declaration of a disaster.

How to Join the NMWARN

Review the NMWARN agreement. If your governing body approves the agreement, have the board president, mayor, or other appropriately authorized person sign it. It is recommended that an attorney review the agreement on behalf of the utility and sign the agreement for your protection. Please note that the agreement has been finalized and will not be changed without a vote of the NMWARN committee. If your utility elects not to have the agreement reviewed by an attorney, please provide a second signature by an authorized person, such as the board secretary/treasurer. Make a copy for your records and return the original signed agreement to:

Bill Conner
New Mexico Rural Water Association
PO Box 92738
Albuquerque, NM 87199

For more information, visit <http://www.nmrwa.org/warn.php>.

1 **New Mexico Mutual Aid and Assistance Agreement**
2 **Water/Wastewater Agency Response Network (NMWARN)**
3
4

5 **AGREEMENT**
6

7 This Agreement is made and entered into by public and private Water and Wastewater Utilities
8 that have, by executing this Agreement, manifested their intent to participate in an Intrastate
9 Program for Mutual Aid and Assistance.

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11 Statutory Authority – This Agreement is authorized under the Intrastate Mutual Aid Act (12-10B-
12 1 NMSA 1978) which provides that Water and Wastewater Utilities may contract with each other
13 to provide services.
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15 **ARTICLE I**
16 **PURPOSE**
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19 Recognizing that emergencies may require aid or assistance in the form of personnel,
20 equipment, and supplies from outside the area of impact, the signatory utilities hereby establish
21 an Intrastate Program for Mutual Aid and Assistance. Through the Mutual Aid and Assistance
22 Program, Members coordinate response activities and share resources during emergencies.
23 This Agreement sets forth the procedures and standards for the administration of the Intrastate
24 Mutual Aid and Assistance Program.
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26 **ARTICLE II**
27 **DEFINITIONS**
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- 30 A. Authorized Official – An employee or officer of a Member utility that is authorized to:
31 1. Request assistance;
32 2. Offer assistance;
33 3. Refuse to offer assistance, and/or
34 4. Withdraw assistance under this agreement.
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- 36 B. Emergency – A natural or human-caused event or circumstance causing, or imminently
37 threatening to cause, loss of life, injury to person or property, human suffering or financial
38 loss, and includes, but is not limited to, fire, explosion, flood, severe weather, drought,
39 earthquake, volcanic activity, spills or releases of oil or hazardous material, contamination,
40 utility or transportation emergencies, disease, blight, infestation, civil disturbance, riot,
41 intentional acts, sabotage and war that is, or could reasonably be beyond the capability of
42 the services, personnel, equipment, and facilities of a Mutual Aid and Assistance Program
43 Member to fully manage and mitigate internally.
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- 45 C. Members – Entities participating in the NMWARN fall into one or more of the following
46 categories:
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48 1. Regular Member – Any public or private Water or Wastewater Utility that manifests intent
49 to participate in the Mutual Aid and Assistance Program by executing this Agreement.
50 2. Associate Member – Any non-utility participant, approved by the NMWARN Committee,

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**ARTICLE IV
PROCEDURES**

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The NMWARN Committee shall develop operational and planning procedures for the Mutual Aid and Assistance Program in coordination with members and state emergency management and public health officials. These procedures shall be reviewed at least annually and updated as needed by the NMWARN Committee.

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**ARTICLE V
REQUESTS FOR ASSISTANCE**

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A. **Member Responsibility:** Members shall identify an Authorized Official and alternates; provide contact information (including 24-hour access or best available) and maintain resource information that may be available from the utility for mutual aid and assistance response. Such contact information shall be updated annually or when changes occur, provided to the NMWARN Committee.

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In the event of an Emergency, a Member's Authorized Official may request mutual aid and assistance from a participating Member. Requests for assistance can be made orally or in writing. When made orally, the request for personnel, equipment, and supplies shall be prepared in writing as soon as practicable. Requests for assistance shall be directed to the Authorized Official of the participating Member. Specific protocols for requesting aid shall be provided in the required procedures (Article IV).

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B. **Response to a Request for Assistance –** Members of the agreement are not obligated to respond to a request. After a Member receives a request for assistance, the Authorized Official evaluates whether or not to respond, whether resources are available to respond, or if other circumstances would hinder response. Following the evaluation, the Authorized Representative shall inform, as soon as possible, the Requesting Member whether it will respond. If the Member is willing and able to provide assistance, the Member shall inform the Requesting Member about the type of available resources and the approximate arrival time of such assistance.

C. **Discretion of Responding Member's Authorized Official –** Execution of this Agreement does not create any duty to respond to a request for assistance. When a Member receives a request for assistance, the Authorized Official shall have sole and absolute discretion as to whether or not to respond, or the availability of resources to be used in such response. An Authorized Member's decisions on the availability of resources shall be final.

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**ARTICLE VI
RESPONDING MEMBER PERSONNEL**

A. **National Incident Management System -** When providing assistance under this Agreement, the Requesting Utility and Responding Utility shall be organized and shall function under the National Incident Management System.

B. **Control -** While employees so provided may be under the supervision of the Responding Member, the Responding Member's employees come under the direction and control of the Requesting Member, consistent with the NIMS Incident Command System to address the

1 designated supervisor(s) must keep accurate records of work performed by personnel
2 during the specified Period of Assistance. Requesting Member reimbursement to the
3 Responding Member could consider all personnel costs, including salaries or hourly wages,
4 overtime, costs for fringe benefits, indirect costs and outside professional services.
5

6 B. Equipment – The Requesting Member shall reimburse the Responding Member for the use
7 of equipment during the specified Period of Assistance, including, but not limited to,
8 reasonable rental rates, all fuel, lubrication, maintenance, transportation, and
9 loading/unloading of loaned equipment. All equipment shall be returned to the Responding
10 Member in good working order as soon as is practicable and reasonable under the
11 circumstances. As a minimum, rates for equipment use must be based on the Federal
12 Emergency Management Agency's (FEMA) Schedule of Equipment Rates. If a Responding
13 Member uses rates different from those in the FEMA Schedule of Equipment Rates, the
14 Responding Member must provide such rates orally or in writing to the Requesting Member
15 prior to supplying the equipment. Mutual agreement on which rates are used must be
16 reached prior to dispatch of the equipment, and confirmed in writing within one week after
17 dispatch of the equipment. Reimbursement for equipment not referenced on the FEMA
18 Schedule of Equipment Rates must be developed based on actual recovery of costs. If
19 Responding Member must lease a piece of equipment while its equipment is being repaired,
20 Requesting Member shall reimburse Responding Member for such rental costs.
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22 C. Materials and Supplies – The Requesting Member must reimburse the Responding Member
23 in kind or at actual replacement cost, plus handling charges, for use of expendable or non-
24 returnable supplies. The Responding Member must not charge direct fees or rental charges
25 to the Requesting Member for other supplies and reusable items that are returned to the
26 Responding Member in a clean, damage-free condition. Reusable supplies that are
27 returned to the Responding Member with damage must be treated as expendable supplies
28 for purposes of cost reimbursement.
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30 D. Payment Period – The Responding Member must provide an itemized bill to the Requesting
31 Member for all expenses incurred by the Responding Member while providing assistance
32 under this Agreement. The Responding Member must send the itemized bill not later than
33 (90) ninety dates following the end of the Period of Assistance. The Responding Member
34 may request additional periods of time within which to submit the itemized bill, and
35 Requesting Member shall not unreasonably withhold consent to such request. The
36 Requesting Member must pay the bill in full on or before the forty-fifth (45th) day following
37 the billing date. Unpaid bills shall become delinquent upon the forty-sixth (46th) day
38 following the billing date, and once delinquent shall accrue interest at the rate of prime plus
39 two percent (2%) per annum as reported by the Wall Street Journal.
40

41 E. Records - Each Responding Member and their duly authorized representatives shall have
42 access to a Requesting Member's books, documents, notes, reports, papers and records
43 which are directly pertinent to this Agreement for the purposes of reviewing the accuracy of
44 a cost bill or making a financial, maintenance or regulatory audit. Each Requesting Member
45 and their duly authorized representatives shall have access to a Responding Member's
46 books, documents, notes, reports, papers and records which are directly pertinent to this
47 Agreement for the purposes of reviewing the accuracy of a cost bill or making a financial,
48 maintenance or regulatory audit. Such records shall be maintained for at least three (3)
49 years or longer where required by law.
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ARTICLE XI
WORKER'S COMPENSATION CLAIMS

13 The Responding Member is responsible for providing worker's compensation benefits and
14 administering worker's compensation for its employees. The Requesting Member is responsible
15 for providing worker's compensation benefits and administering worker's compensation for its
16 employees.
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ARTICLE XII
NOTICE

23 A Member who becomes aware of a claim or suit that in anyway, directly or indirectly,
24 contingently or otherwise, affects or might affect other Members of this Agreement shall provide
25 prompt and timely notice to the Members who may be affected by the suit or claim. Each
26 Member reserves the right to participate in the defense of such claims or suits as necessary to
27 protect its own interests.
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ARTICLE XIII
INSURANCE

33 Members of this Agreement shall maintain an insurance policy or maintain a self insurance
34 program that covers activities that it may undertake by virtue of membership in the Mutual Aid
35 and Assistance Program.
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ARTICLE XIV
CONFIDENTIAL INFORMATION

42 To the extent provided by law, any Member or Associate Member shall maintain in the strictest
43 confidence and shall take all reasonable steps necessary to prevent the disclosure of any
44 Confidential Information disclosed under this Agreement. If any Member, Associate Member,
45 third party or other entity requests or demands, by subpoena or otherwise, that a Member or
46 Associate Member disclose any Confidential Information disclosed under this Agreement, the
47 Member or Associate Member shall immediately notify the owner of the Confidential Information
48 and shall take all reasonable steps necessary to prevent the disclosure of any Confidential
49 Information by asserting all applicable rights and privileges with respect to such information and
50 shall cooperate fully in any judicial or administrative proceeding relating thereto.
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ARTICLE XV
EFFECTIVE DATE

56 This Agreement shall be effective after the Water and Wastewater Utility's authorized
57 representative executes the Agreement and the NMWARN Committee Chair receives the
58 Agreement. The NMWARN Committee Chair shall maintain a master list of all members of the
59 Mutual Aid and Assistance Program.
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ARTICLE XXI
INTRASTATE AND INTERSTATE MUTUAL AID AND ASSISTANCE PROGRAMS

To the extent practicable, Members of this Agreement shall participate in Mutual Aid and Assistance activities conducted under the State of New Mexico Intrastate Mutual Aid and Assistance Program and the Interstate Emergency Management Assistance Compact (EMAC). Members may voluntarily agree to participate in an interstate Mutual Aid and Assistance Program for water and wastewater utilities through this Agreement if such a Program were established.

Now, therefore, in consideration of the covenants and obligations set forth in this Agreement, the Water and Wastewater Utility listed here manifests its intent to be a Member of the New Mexico Intrastate Mutual Aid and Assistance Program for Water and Wastewater Utilities by executing this Agreement on this _____ day of _____, 20_____.

Water/Wastewater Utility: _____

By: _____

Title: _____

Please Print Name

By: _____

Title _____

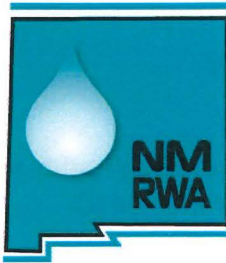
Please Print Name

Approved as to form and legality

By: _____
Attorney for Utility

Please Print Name

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Source Water Protection Action List for Wildfire and Postfire
NMRWA Source Water Protection Program
January 12, 2024

1. Engage with forest and fire professionals (e.g., USFS, NM State Forestry, County Emergency Manager, Volunteer Fire Department, emergency responders/firefighters) to educate, inform, and learn.
2. Educate land managers, emergency managers, first responders, and others about the water system and its vulnerabilities.
 - Provide source water location and details to these entities. (Can also work with NMRWA's SWP Program to do this.)
 - Discuss appropriate forest treatment and fire suppression activities around drinking water sources
 - Provide information regarding any fragile infrastructure before it is used for fire suppression during forest treatments and fire/postfire activities
3. Follow Firewise guidelines for the water system's buildings and other critical infrastructure. Assess the wildfire defense zones for source water, buildings, treatment plants, and storage tanks (Immediate Zone 0-5 ft, Intermediate Zone 5-30 ft, and Extended Zone 30-100 or 200 ft. *The minimum SWP Zone around a water source is typically 200 ft.*)
4. Support and participate in a watershed health initiative or other fire prevention projects
5. Participate in the County CWPP Update through, and advocate for more targeted (community/regional) CWPPs with these partners
6. Whenever possible, ensure that these projects specifically consider the protection of the system's source water
 - Promote designing and implementing projects that specifically address protecting the water system's source water and improving water quality.
 - Projects should consider both how to protect water sources from the threat of wildfire and the effects of postfire processes such as erosion, loss of canopy, and debris flows.
 - Projects should reflect the drinking water sources' sensitivity so that fire suppression chemicals, trampling, and erosion created during firefighting efforts are avoided.
7. Consider additional studies that would inform on the vulnerabilities/resilience of water system's source water and infrastructure particularly in the context of wildfire and postfire, such as:
 - A geotechnical study of the deposits and land surfaces to evaluate their stability and possible postfire effects
 - Establish a baseline, or continue documenting, current water quality and quantity conditions at source water (applies to surface water and groundwater systems)
 - Characterize springs using standardized documentation (e.g., the Spring Inventory Assessment <https://springstewardshipinstitute.org/protocols>)

Participation in these Organizations and Plans is Recommended

NM WARN – New Mexico Water / Wastewater Agency Response Network

The main concept of the NM WARN is “utilities helping utilities.” Membership will allow any utility to request assistance or provide assistance during any kind of emergency (man-made or natural).

This agreement sets out rules which will govern the request and provision of assistance process by drinking water and wastewater WARN members during any kind of emergency. Membership is open to all drinking water and wastewater utilities in New Mexico, public or private, at no cost. Assistance is strictly voluntary; no member of the WARN is required to provide assistance under any circumstances. Utilities may decide to discontinue membership at any time.

WFDSS – Wildland Fire Defense Support System

WFDSS is a web-based tool designed to assist fire managers in making streamlined decisions during the suppression planning process. WFDSS allows data analyses and reports to be easily shared with all levels of federal fire managers. Providing data will put critical water infrastructure and defensible space around the infrastructure points in front of personnel who may use the information in suppression efforts.

It is the decision support system that assists wildlands fire managers and analysts in assessing risks and fire behavior during an event. It facilitates making strategic and tactical decisions for fire incidents by following an analytic deliberative process for risk informed decision making.

CWPP – Community Wildfire Protection Plan

Communities can take proactive steps to protect themselves from dangerous and damaging wildfire. The Forestry Division works with New Mexico Counties and federal land management agencies to assist counties and communities to plan ahead for wildfire.

CWPPs have become the primary mechanism for evaluating risk due to their emphasis on community involvement and assessment of local resources. CWPPs are also an important planning document used by emergency responders and citizens to plan for and respond to wildfire emergencies. Local leaders and governmental entities find CWPPs valuable for the purposes of identifying critical needs and prioritizing funding.

Shared Stewardship Portal

A tool to coordinate forest and watershed management on all lands in New Mexico. The New Mexico Shared Stewardship Portal aims to ensure that every natural resource and land management agency in New Mexico with an interest in reduced wildfire and post-wildfire risk and increased landscape resiliency through active fuels/vegetation management have the goals and tools to assist in coordination, collaboration, and identification of shared priorities on the landscape.

Another goal is that these agencies use their shared priorities before making investments on the landscape, to combine forces and leverage investments to achieve greater returns on investment and reduced risk.

The portal helps partners better plan and track critical forest restoration accomplishments on the ground, adds quantitative analysis to efficiently plan potential projects, and tracks project status.

Rio Arriba County Community Wildfire Protection Plan Update

A CWPP helps residents and emergency managers of Rio Arriba County set priorities to prepare for wildfire.

**We need
your input!**

Upcoming Public Meetings

- February 28th, 12:30pm - 2:30pm - 1122 Industrial Park Rd, Espanola, NM
- March 1st, 4pm - 6pm - Upper Chama Soil and Water Conservation District, Tierra Amarilla, NM
- April 11th, 5:30 - 7:30pm - USFS District Office - El Rito, NM

If you can't make it, please take a short survey and find info at:
foreststewardsguild.org/rio-arriba-county-cwpp/



For more information contact:

Sarah Demay- sarah@forestguild.org - 505-780-1236



Water Leadership Institute

Jemez Valley Water Leadership Institute

**Register for workshop dates
at no cost to you!**

Session 1
February 29

Session 2
March 21

Session 3
April 25

Final Session & Graduation
May 30

*All sessions from 9:00 AM to 3:00 PM
Lunch will be provided each day*

Location

Jemez Valley Senior / Community Center
8154 Hwy 4, Jemez Pueblo, NM 87024

Local water leaders, staff, and residents of the Jemez Valley/Jemez River Corridor: Are you interested in helping your community ensure it has reliable, clean water? Your voice matters. Communities are developing plans to manage water more sustainably. Join the Institute and be an active player in building water resiliency in your area.

Space is limited. Register today!

Five (5) New Mexico Training Credits awarded for attending each day. Twenty (20) New Mexico Training Credits awarded for attending the entire series.

Registration

Visit www.events.rcac.org/assnfe/ev.asp?ID=4031
or scan this QR code with the camera on your smartphone.



For more information, please contact:

RCAC Events
(916) 447-9832 ext. 1429

For event content questions, please contact:

Blanca Surgeon
(575) 577-6917

Indira Aguirre
(575) 740-6195



These trainings are funded by the New Mexico Environment Department Drinking Water Bureau.



Water Operators Leadership Institute

**Register for workshop
dates at no cost to you!**

Session 1
February 28

Session 2
March 20

Session 3
April 24

Final Session & Graduation
May 29

**All sessions from 9:00 AM
to 3:00 PM**

Lunch will be provided each day

Location
Chamita Community Center
[42 County Road 56A,](#)
[Chamita, NM 87566](#)

As a water and/or wastewater system operator you know that teamwork and communication between regulatory agencies, board members and other support partners is essential as they are all focused on the same objective: providing safe affordable drinking water to the community. This requires operators to be visionaries, to have strong networks, to resolve conflicts, and to adjust and manage change.

With that in mind, we have developed an interactive and powerful Strengths-Based Leadership Workshop Series for water operators. Please invite operators and anyone interested in becoming an operator to register soon; registration is limited to the first 50 people.

The in-person cohort meets on Wednesdays from 9 AM to 3 PM.

4 New Mexico Training Credits awarded for attending each day.

16 New Mexico Training Credits awarded for attending the entire series

Registration

Visit www.events.rcac.org/assnfe/ev.asp?ID=4104
or scan this QR code with the camera on your smartphone.



For more information, please contact:

RCAC Events
(916) 447-9832 ext. 1429

For event content questions, please contact:

Blanca Surgeon
(575) 577-6917

Indira Aguirre
(575) 740-6195



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Water Leadership Institute

Greater Tierra Amarilla Area

**Register for workshop dates
at no cost to you!**

Session 1
March 1

Session 2
March 22

Session 3
April 26

Session 4
May 31

Final Session & Graduation
June 21

*All sessions from 10:00 AM to 3:00 PM
Lunch will be provided each day*

Location

Old Tierra Amarilla Elementary Gymnasium
[32 NM State Road 531, Tierra Amarilla, NM 87575](#)

You are invited to attend the **Water Leadership Institute (WLI)** to strengthen readiness, planning and resiliency for your water utilities and for you as a leader!

Board Members, Operators, Admin Staff and the Water Community: Join us in a series of workshops developed to assist you meet the challenges water leaders face with regulations, community engagement, funding and workforce.

Four (4) New Mexico Training Credits awarded for attending each day. Twenty (20) New Mexico Training Credits awarded for attending the entire series.

Registration

Visit www.events.rcac.org/assnfe/ev.asp?ID=4105
or scan this QR code with the camera on your smartphone.



For more information, please contact:

RCAC Events
(916) 447-9832 ext. 1429

For event content questions, please contact:

Blanca Surgeon
(575) 577-6917

Indira Aguirre
(575) 740-6195



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